

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050106.D
 Acq On : 05 May 2025 19:37
 Operator : RC/JU
 Sample : Q1914-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-5

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050106.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	394	400	406	rVV	2930068	4516139	27.99%	1.842%
2	5.392	406	409	427	rVB	411199	875406	5.43%	0.357%
3	5.763	466	472	481	rVB	600450	922212	5.72%	0.376%
4	6.734	627	637	643	rBV3	314126	694255	4.30%	0.283%
5	6.834	650	654	659	rVV	638279	930340	5.77%	0.380%
6	6.898	659	665	667	rVV3	462992	870864	5.40%	0.355%
7	6.934	667	671	685	rVV	2599859	4945488	30.65%	2.017%
8	7.369	740	745	747	rBV	970065	1388997	8.61%	0.567%
9	7.392	747	749	755	rVB	1083191	1389075	8.61%	0.567%
10	7.745	800	809	814	rVV2	1256402	2665588	16.52%	1.087%
11	8.292	895	902	907	rVV3	531381	1231442	7.63%	0.502%
12	8.386	913	918	925	rBV3	635900	1402050	8.69%	0.572%
13	8.510	934	939	942	rBV	406078	614880	3.81%	0.251%
14	8.745	975	979	986	rVB	321351	615341	3.81%	0.251%
15	8.851	986	997	1001	rBV2	909151	1997663	12.38%	0.815%
16	8.904	1001	1006	1014	rVV2	1666649	3652362	22.64%	1.490%
17	8.975	1014	1018	1022	rVB	1459797	2092235	12.97%	0.853%
18	9.098	1034	1039	1045	rVB5	592815	1323558	8.20%	0.540%
19	9.180	1045	1053	1054	rBV5	326752	621574	3.85%	0.254%
20	9.386	1082	1088	1092	rBV3	429729	870797	5.40%	0.355%
21	9.457	1092	1100	1105	rVV3	729075	1781091	11.04%	0.727%
22	9.628	1123	1129	1132	rBV3	368253	643784	3.99%	0.263%
23	9.669	1132	1136	1140	rVB2	427591	633969	3.93%	0.259%
24	9.722	1140	1145	1153	rVB4	764541	1459755	9.05%	0.595%
25	9.792	1153	1157	1159	rBV2	472630	692127	4.29%	0.282%
26	9.822	1160	1162	1166	rVB2	571671	630246	3.91%	0.257%
27	9.892	1169	1174	1178	rBV3	503582	761223	4.72%	0.311%
28	9.939	1178	1182	1185	rBV2	581847	978323	6.06%	0.399%
29	10.169	1218	1221	1228	rVB2	569032	897439	5.56%	0.366%
30	10.239	1228	1233	1237	rBV	485839	866671	5.37%	0.354%
31	10.322	1242	1247	1252	rVB3	436901	714566	4.43%	0.291%
32	10.516	1273	1280	1289	rBV3	2532237	6536746	40.51%	2.667%
33	10.657	1300	1304	1308	rVV3	857171	1619714	10.04%	0.661%
34	10.704	1308	1312	1317	rVV	1785455	2666683	16.53%	1.088%
35	10.763	1317	1322	1330	rVV6	560715	1379242	8.55%	0.563%
36	10.833	1330	1334	1339	rVB5	385008	650573	4.03%	0.265%

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Stop Thrs : 0

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37	10.945	1345	1353	1359	rBV7	400906	1296127	8.03%	0.529%
38	11.004	1360	1363	1364	rVV2	522306	655825	4.06%	0.268%
39	11.027	1365	1367	1372	rVB3	702521	917246	5.69%	0.374%
40	11.239	1392	1403	1410	rBV8	1054092	3354078	20.79%	1.368%
41	11.304	1410	1414	1421	rVB3	463176	951570	5.90%	0.388%
42	11.374	1421	1426	1433	rBV7	635626	1338765	8.30%	0.546%
43	11.457	1435	1440	1447	rVB4	1082360	2187070	13.56%	0.892%
44	11.569	1454	1459	1468	rBV	2507522	5015497	31.09%	2.046%
45	11.733	1482	1487	1495	rVB3	989224	1936866	12.00%	0.790%
46	11.827	1495	1503	1507	rBV5	701738	1540163	9.55%	0.628%
47	11.969	1522	1527	1533	rBV3	1997393	3169420	19.64%	1.293%
48	12.416	1599	1603	1606	rBV4	565305	973299	6.03%	0.397%
49	12.457	1606	1610	1615	rVB4	1232894	2009776	12.46%	0.820%
50	12.604	1632	1635	1639	rVB4	644274	868122	5.38%	0.354%
51	12.668	1639	1646	1651	rBV5	654269	1466160	9.09%	0.598%
52	12.780	1662	1665	1670	rBV3	392055	630915	3.91%	0.257%
53	12.880	1677	1682	1686	rBV7	857204	1855406	11.50%	0.757%
54	12.933	1686	1691	1696	rVV3	3781280	5685406	35.24%	2.319%
55	13.010	1696	1704	1709	rVV	4413766	6753987	41.86%	2.755%
56	13.174	1728	1732	1735	rBV2	1468979	2213170	13.72%	0.903%
57	13.221	1736	1740	1747	rVB2	2142240	3996795	24.77%	1.630%
58	13.333	1753	1759	1764	rVB4	1176232	2644562	16.39%	1.079%
59	13.386	1764	1768	1772	rVB4	866142	1123182	6.96%	0.458%
60	13.451	1776	1779	1783	rVV3	557727	649263	4.02%	0.265%
61	13.815	1837	1841	1845	rVB2	1822725	2317248	14.36%	0.945%
62	13.880	1845	1852	1856	rBV2	4345149	6954501	43.10%	2.837%
63	13.921	1856	1859	1862	rVV4	544934	697244	4.32%	0.284%
64	14.045	1877	1880	1885	rVB5	768684	1218759	7.55%	0.497%
65	14.092	1885	1888	1890	rBV	723747	982371	6.09%	0.401%
66	14.227	1907	1911	1918	rVB3	1763956	3243903	20.11%	1.323%
67	14.298	1918	1923	1928	rBV	3017439	4446087	27.56%	1.814%
68	14.368	1931	1935	1936	rVV3	1467586	1959798	12.15%	0.799%
69	14.392	1936	1939	1947	rVB	2643775	4189795	25.97%	1.709%
70	14.804	2006	2009	2014	rVB2	1414140	1889962	11.71%	0.771%
71	14.921	2025	2029	2038	rVB6	1668177	2945142	18.25%	1.201%
72	15.021	2041	2046	2049	rBV	1957933	3257904	20.19%	1.329%
73	15.221	2077	2080	2082	rBV2	1042205	1358126	8.42%	0.554%
74	15.251	2082	2085	2089	rVB	2315760	2772311	17.18%	1.131%
75	15.351	2099	2102	2110	rVB3	1060894	1744417	10.81%	0.712%
76	15.439	2113	2117	2121	rBV3	1526120	2213475	13.72%	0.903%

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77	15.609	2143	2146	2149	rBV4	958290	1454496	9.01%	0.593%
78	15.657	2150	2154	2164	rVB	4823432	7500395	46.49%	3.060%
79	15.815	2177	2181	2185	rBV4	832488	1684939	10.44%	0.687%
80	15.892	2191	2194	2201	rVB3	3822088	5494849	34.06%	2.242%
81	15.957	2202	2205	2209	rBV3	898609	1336670	8.28%	0.545%
82	16.045	2216	2220	2222	rBV3	760920	1229852	7.62%	0.502%
83	16.139	2228	2236	2247	rVB2	7896904	16134209	100.00%	6.582%
84	16.509	2294	2299	2303	rBV4	1937799	3162934	19.60%	1.290%
85	16.904	2363	2366	2370	rVB	1951115	2322844	14.40%	0.948%
86	16.956	2371	2375	2385	rVB2	5514482	9626108	59.66%	3.927%
87	17.145	2403	2407	2411	rBV	2771113	3761932	23.32%	1.535%
88	17.562	2473	2478	2487	rBV4	1815066	3974017	24.63%	1.621%
89	17.639	2488	2491	2497	rVB	2124407	2804493	17.38%	1.144%
90	18.021	2553	2556	2557	rBV	727697	810140	5.02%	0.330%
91	18.045	2557	2560	2562	rVV	857227	1077696	6.68%	0.440%
92	18.333	2606	2609	2614	rBV	1571640	1781210	11.04%	0.727%
93	18.956	2709	2715	2719	rBV4	2616332	5889231	36.50%	2.402%
94	19.203	2753	2757	2764	rVB	1762940	2321982	14.39%	0.947%
95	19.550	2812	2816	2817	rBV2	1180255	1523543	9.44%	0.622%
96	19.645	2829	2832	2837	rVB	775176	1104951	6.85%	0.451%
97	19.768	2849	2853	2858	rVB	8042425	9225112	57.18%	3.763%
98	21.056	3069	3072	3085	rVB3	511300	913470	5.66%	0.373%
99	21.386	3121	3128	3132	rBV2	2683311	4384272	27.17%	1.789%
100	24.374	3629	3636	3645	rVB	1557495	3660758	22.69%	1.493%

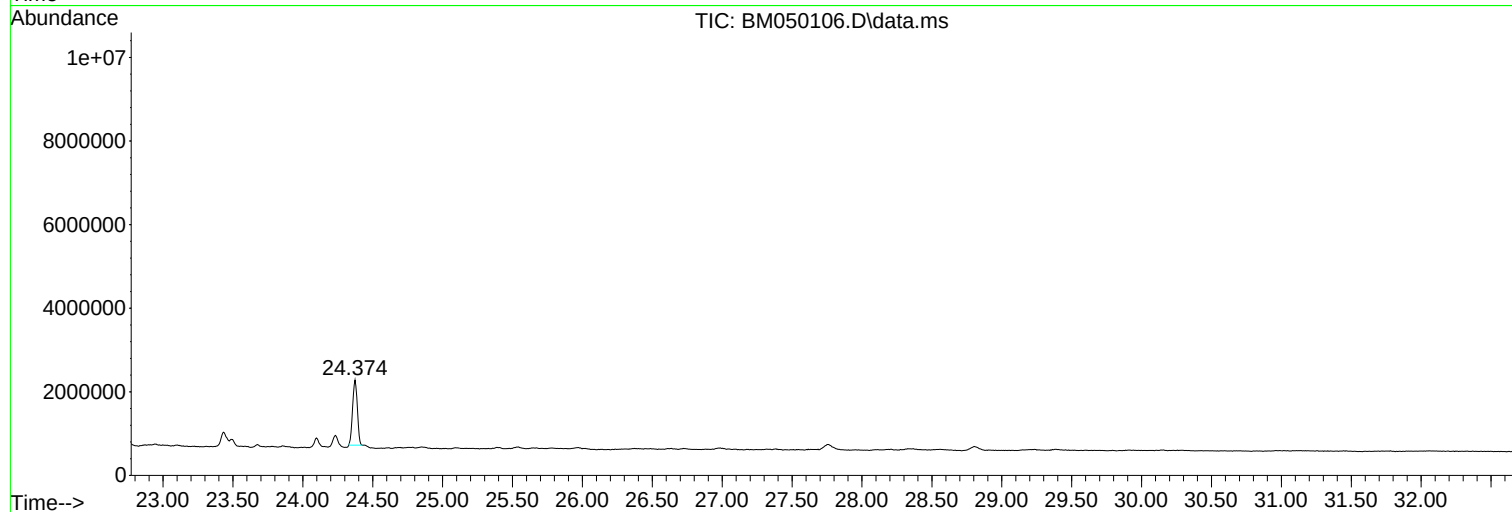
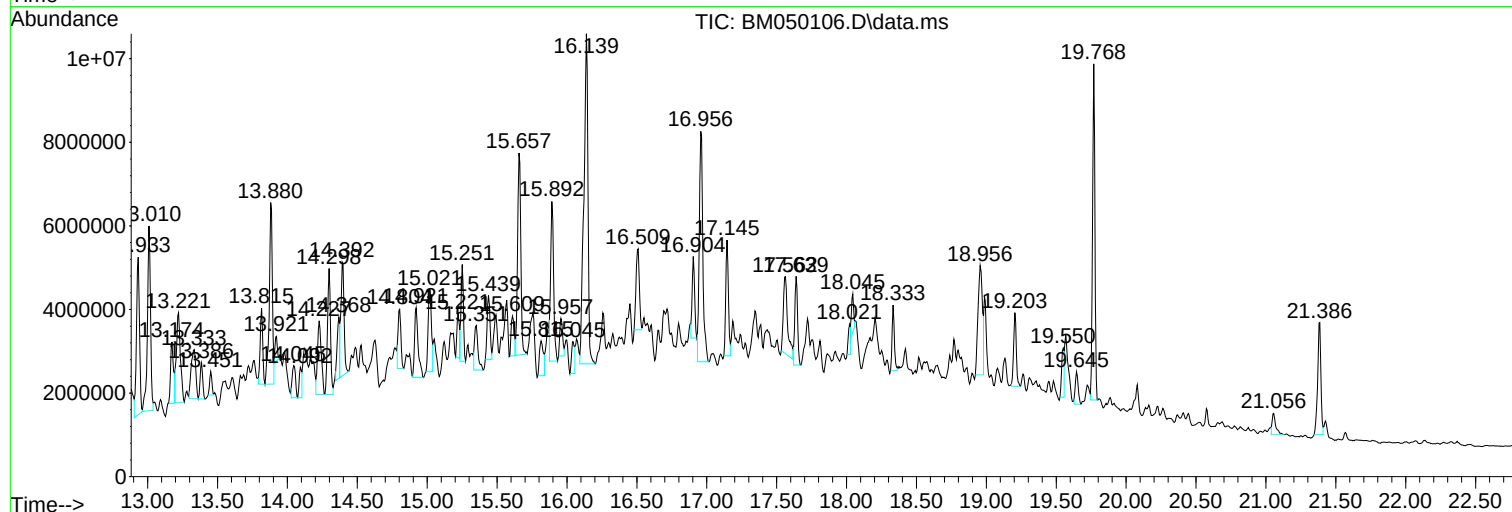
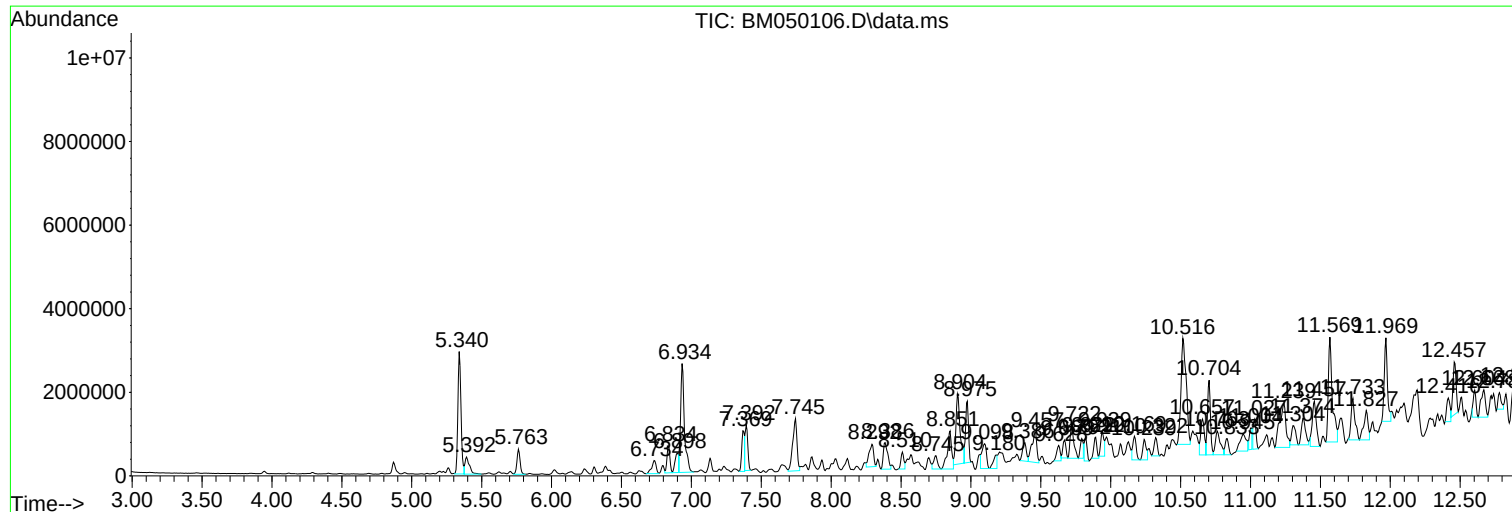
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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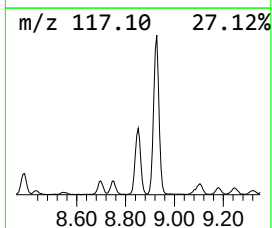
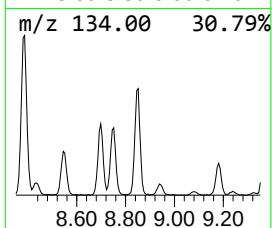
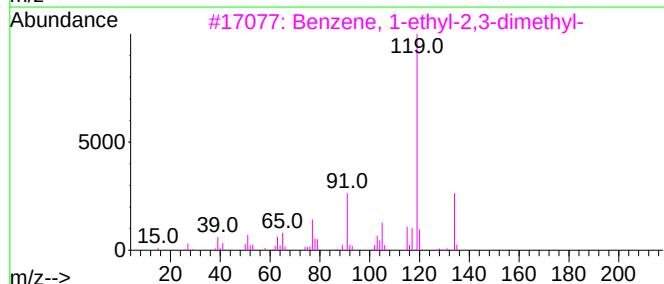
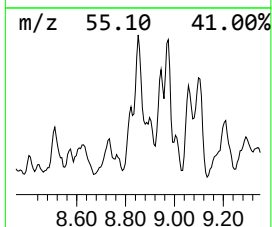
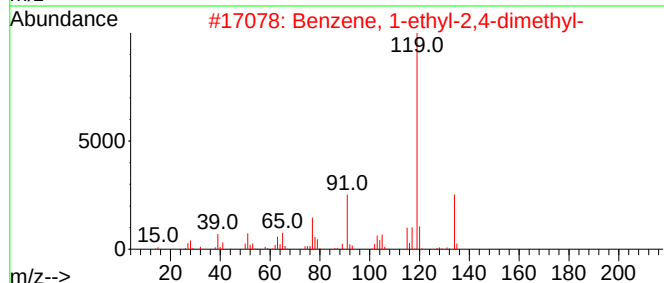
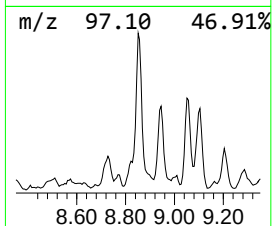
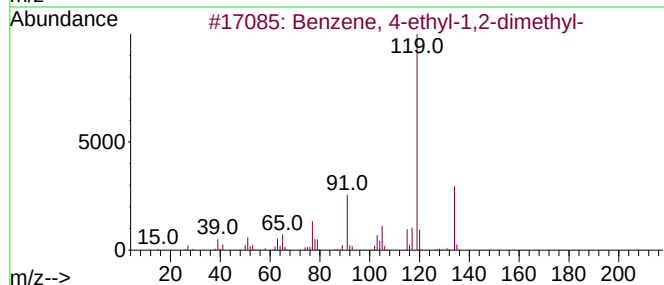
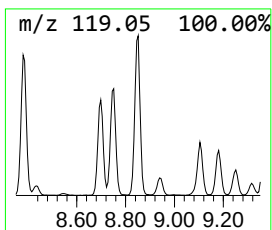
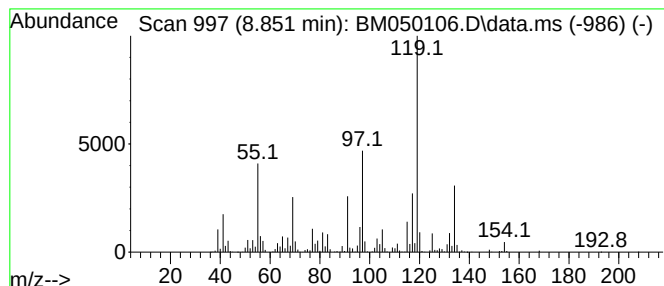
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	14.99 ng	1997660	1,4-Dichlorobenzene-d4	7.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
4			p-Cymene	134	C10H14	000099-87-6	60
5			o-Cymene	134	C10H14	000527-84-4	60



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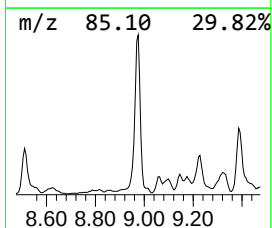
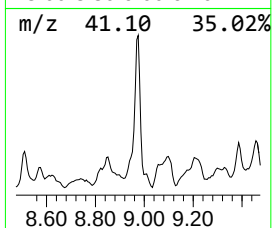
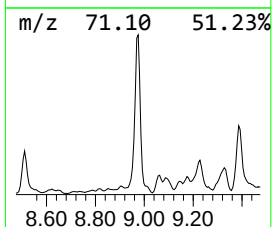
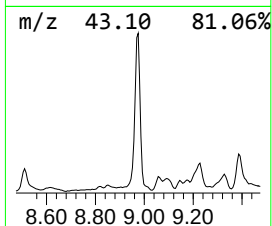
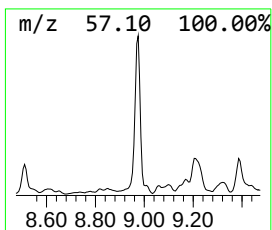
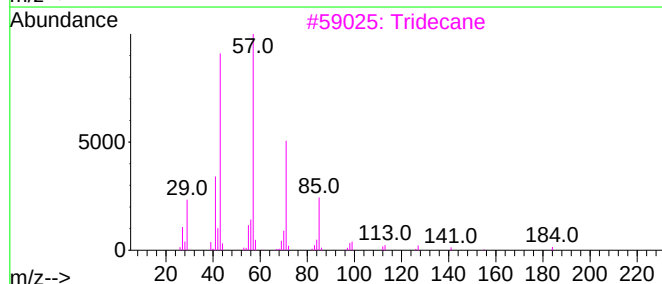
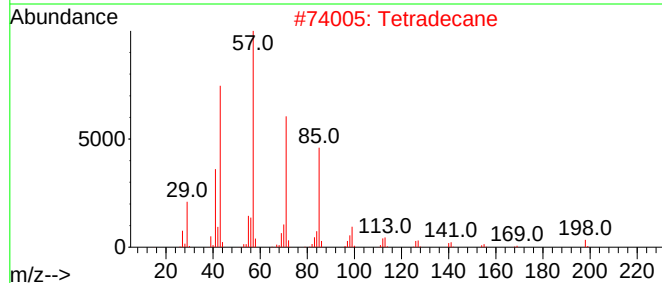
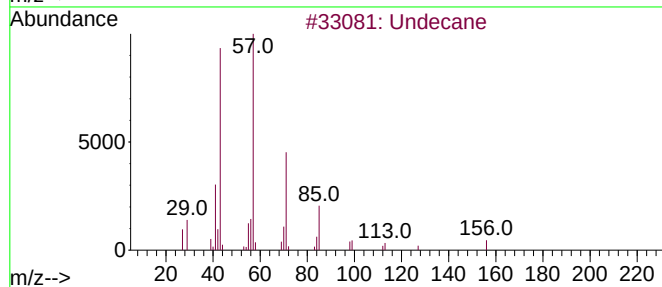
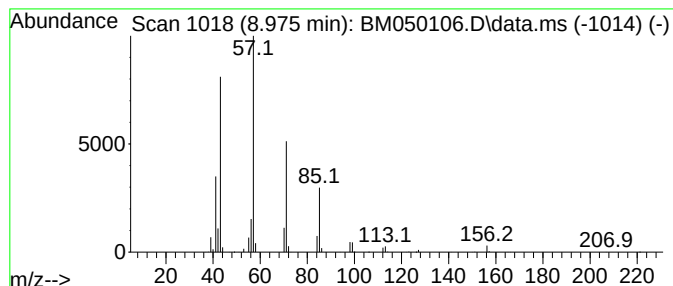
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.975	15.70 ng	2092240	1,4-Dichlorobenzene-d4	7.745

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	86
4	Hexadecane		226	C16H34	000544-76-3	83
5	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	72



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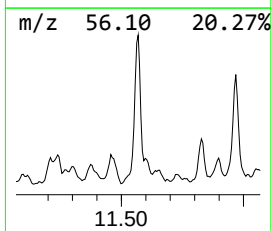
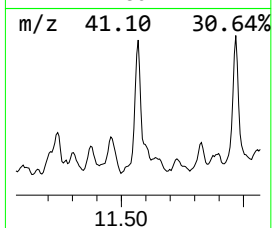
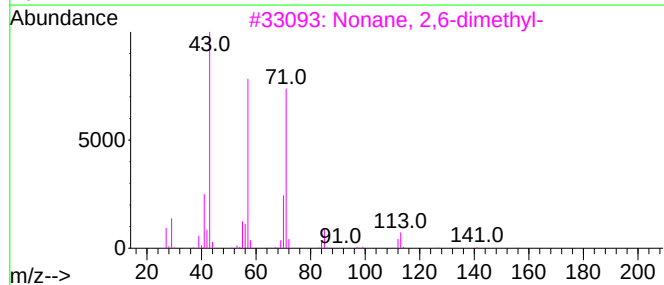
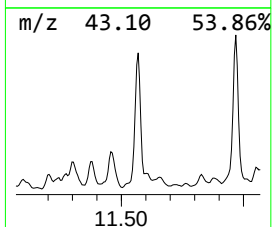
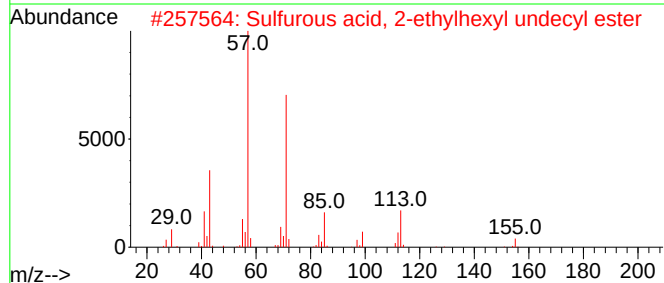
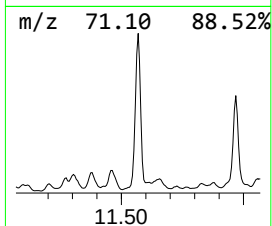
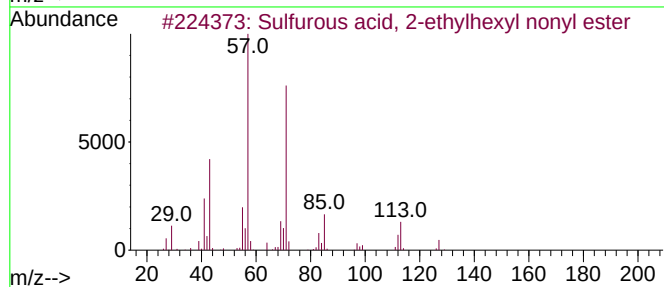
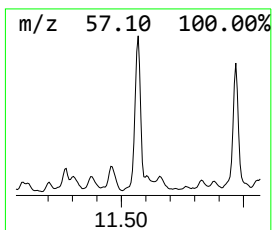
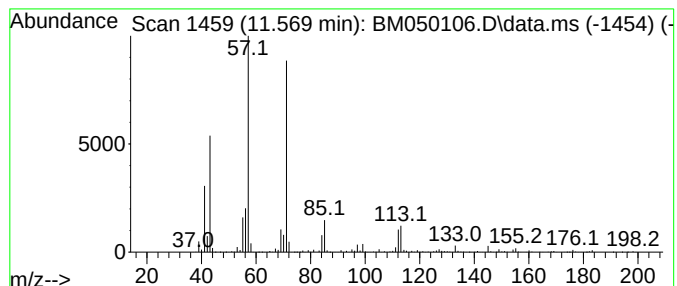
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ClientSampleId :
SS-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Sulfurous acid, 2-ethylhexy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.569	15.35 ng	5015500	Naphthalene-d8	10.539	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

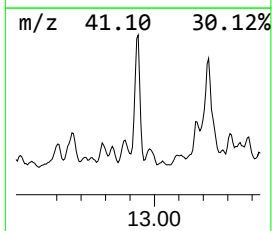
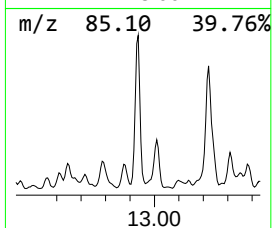
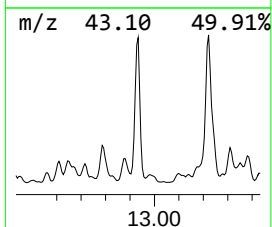
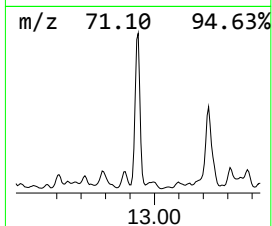
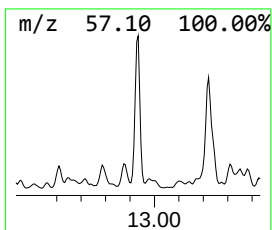
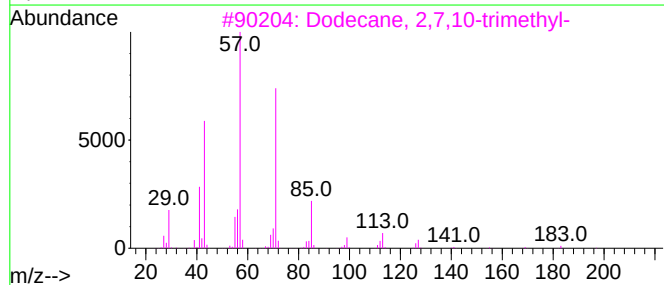
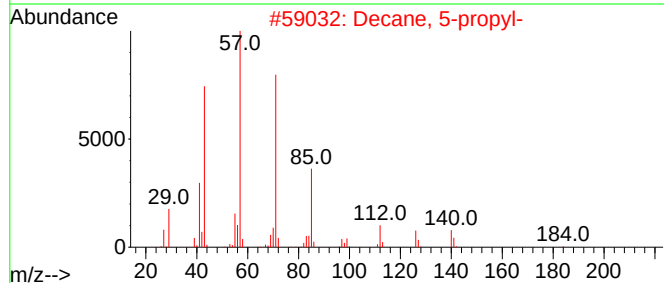
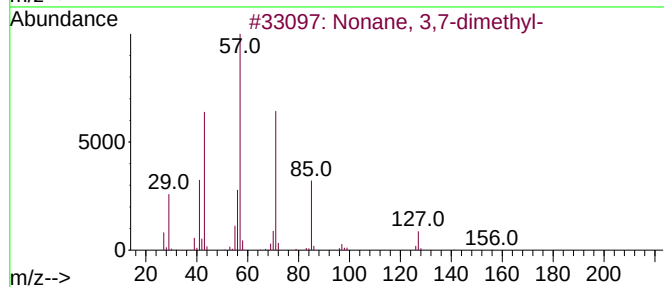
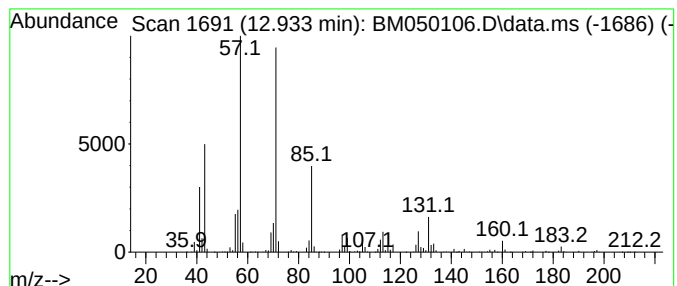
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.933	27.14 ng	5685410	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
2			Decane, 5-propyl-	184	C13H28	017312-62-8	68
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
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Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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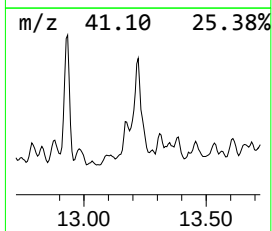
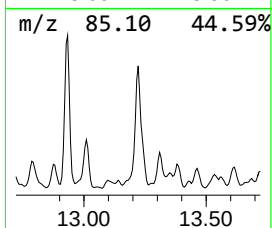
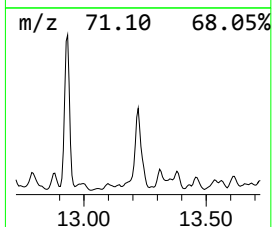
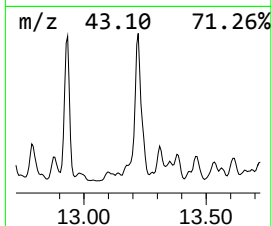
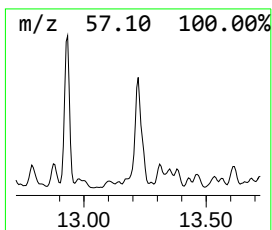
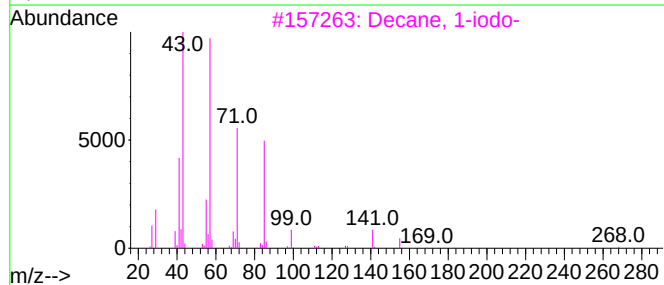
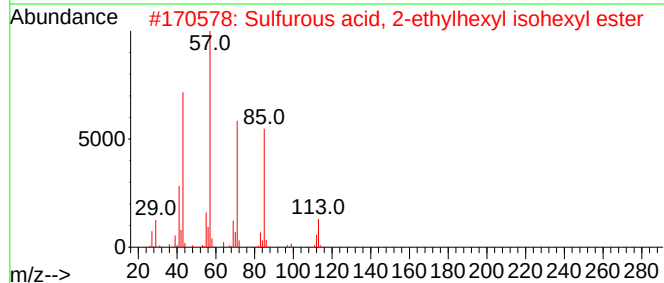
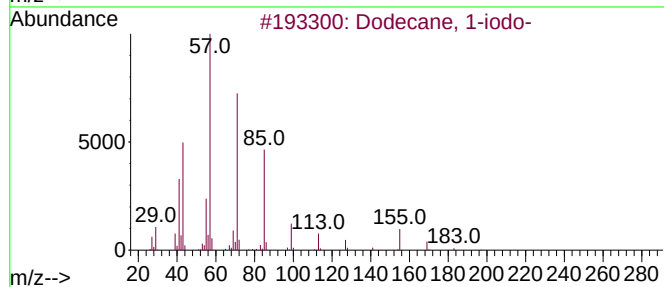
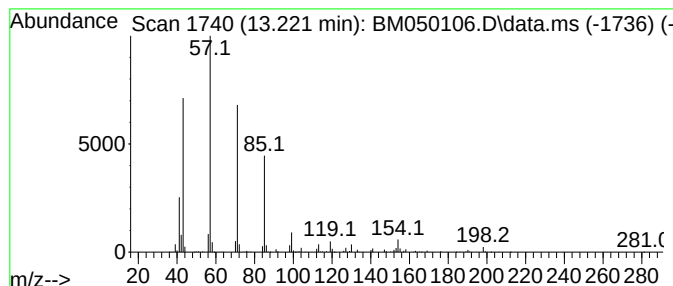
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dodecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.221	19.08 ng	3996800	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
2			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
3			Decane, 1-iodo-	268	C10H21I	002050-77-3	64
4			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
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Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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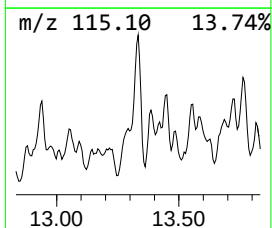
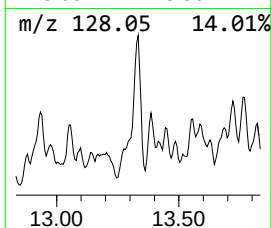
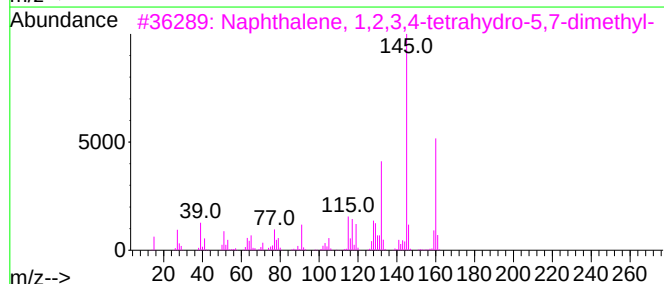
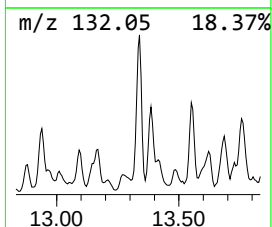
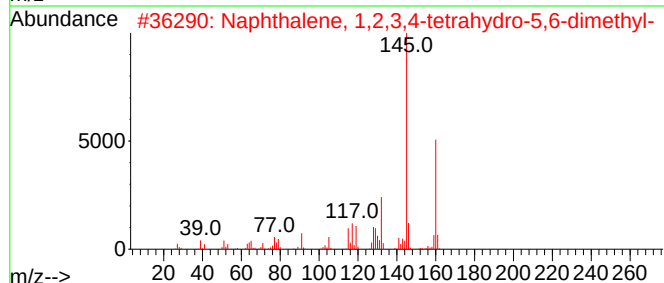
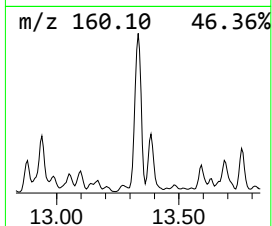
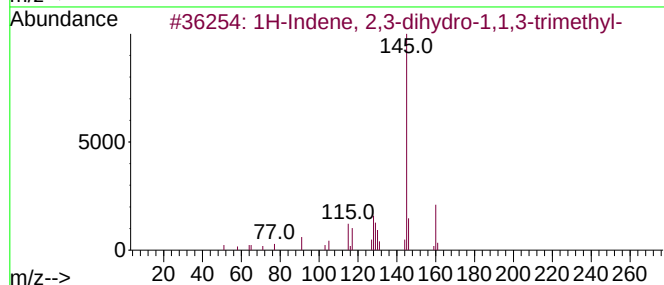
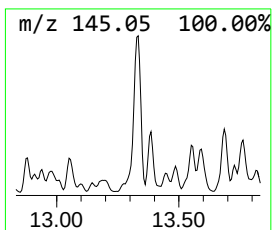
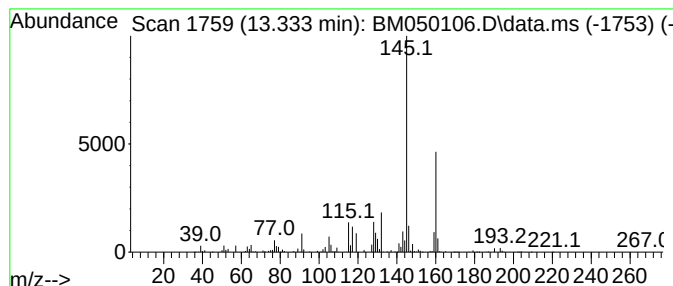
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.333	12.62 ng	2644560	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	90
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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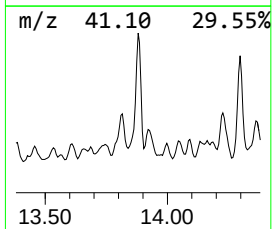
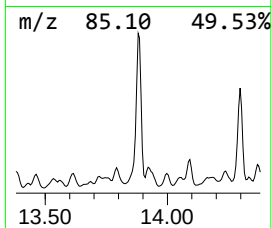
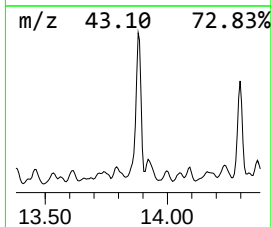
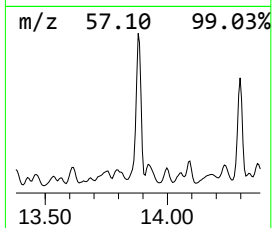
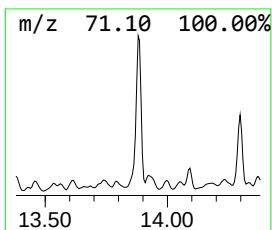
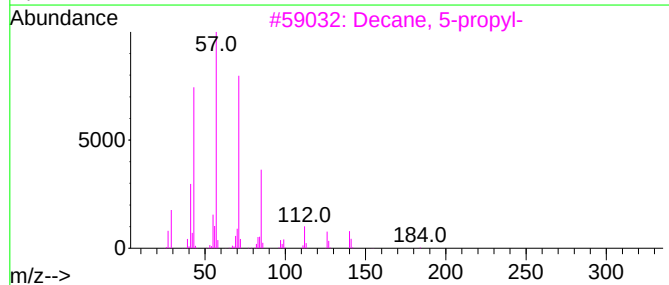
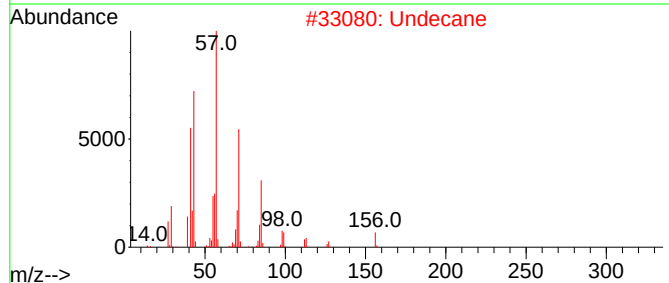
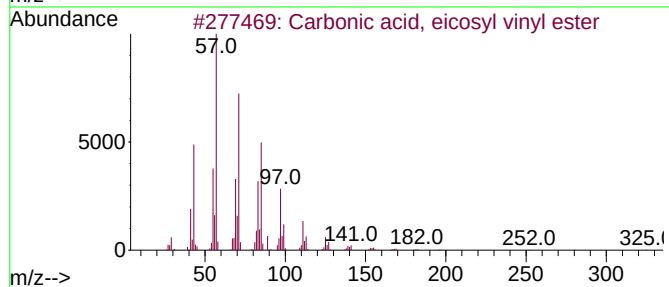
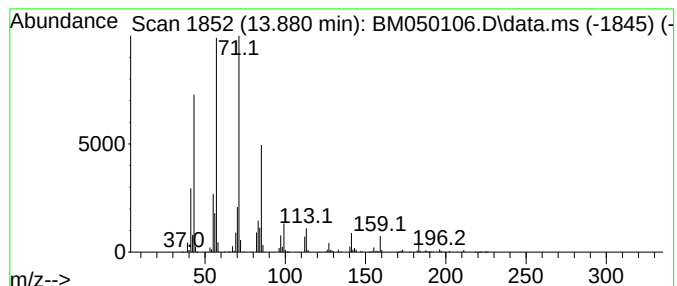
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Carbonic acid, eicosyl vinyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	33.20 ng	6954500	Acenaphthene-d10	14.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
2		Undecane	156	C11H24	001120-21-4	83
3		Decane, 5-propyl-	184	C13H28	017312-62-8	68
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
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Sample : Q1914-06
Misc :
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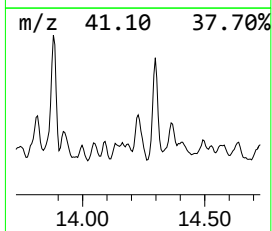
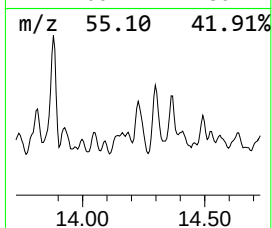
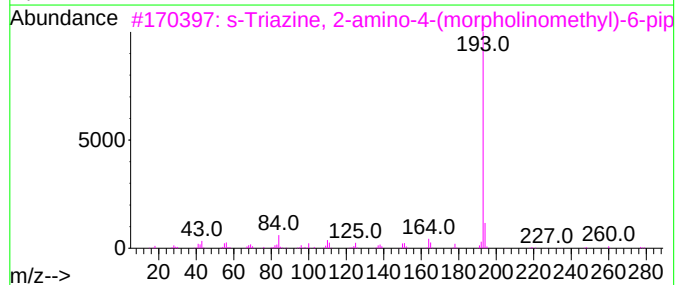
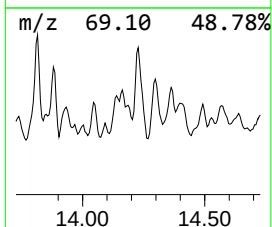
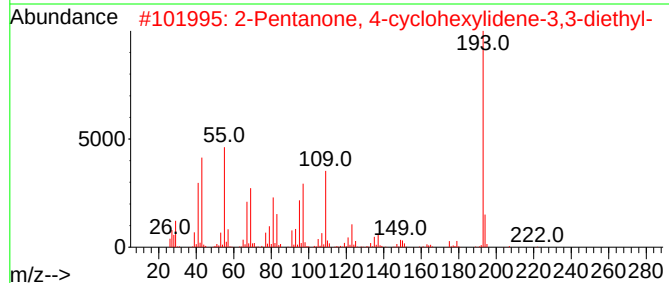
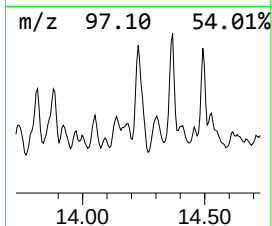
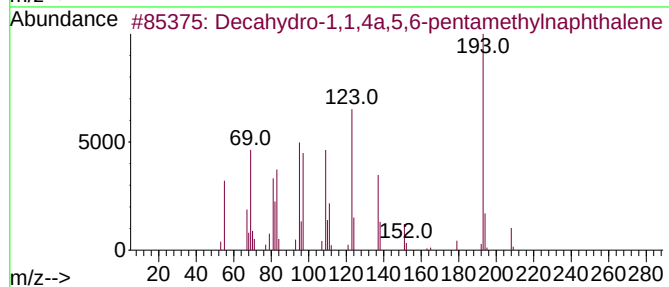
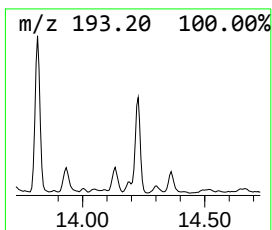
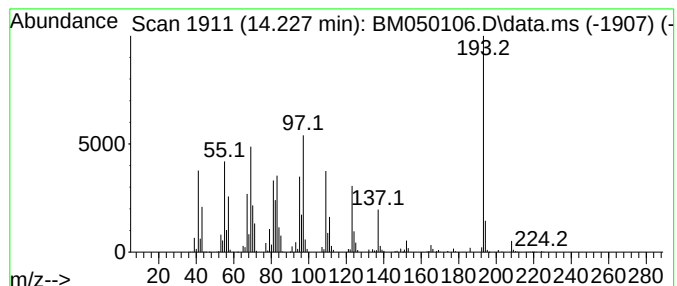
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.227	15.48 ng	3243900	Acenaphthene-d10	14.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	64
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	53
3	s-Triazine, 2-amino-4-(morpholin...	278	C13H22N6O	021868-45-1	27
4	2-Anthracenamine	193	C14H11N	000613-13-8	27
5	2-Amino-4-ethylthiomethyl-6-pipe...	253	C11H19NS	022362-22-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
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Sample : Q1914-06
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ALS Vial : 12 Sample Multiplier: 1

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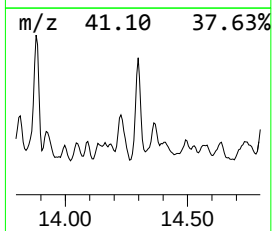
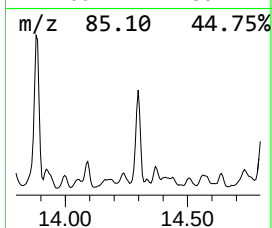
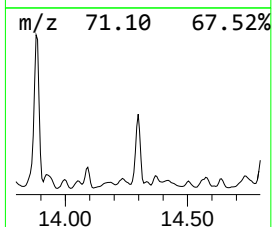
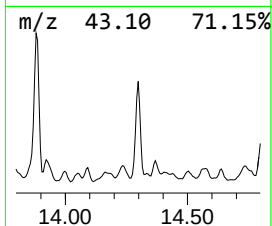
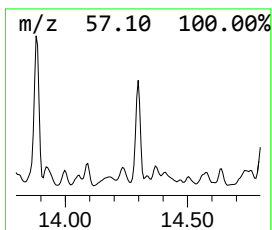
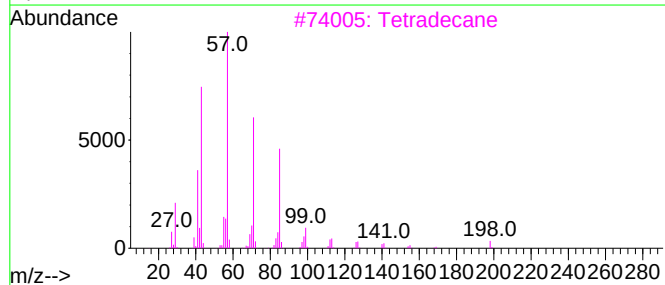
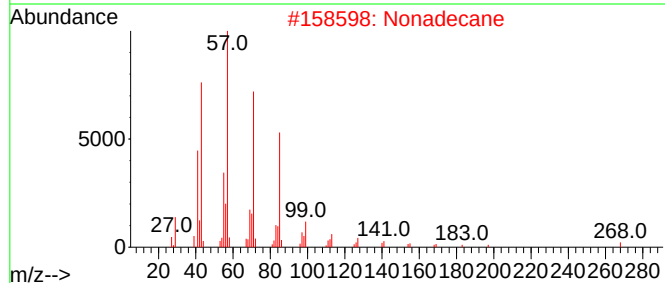
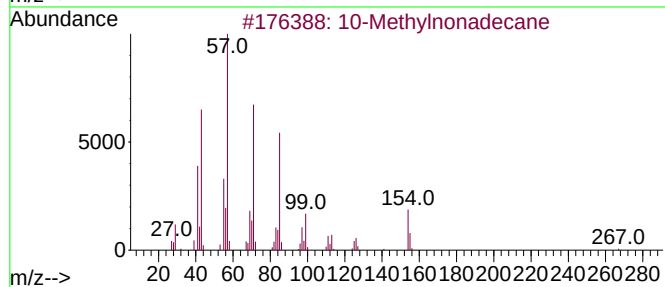
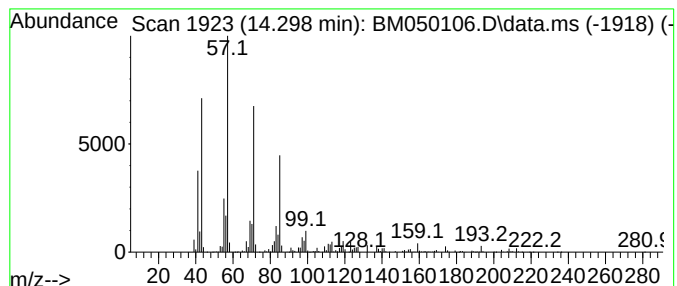
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 10-Methylnonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.298	21.22 ng	4446090	Acenaphthene-d10	14.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		10-Methylnonadecane	282	C20H42	056862-62-5	87
2		Nonadecane	268	C19H40	000629-92-5	87
3		Tetradecane	198	C14H30	000629-59-4	83
4		Heptadecane	240	C17H36	000629-78-7	80
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

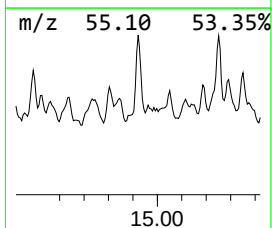
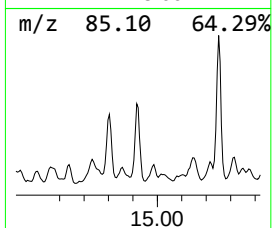
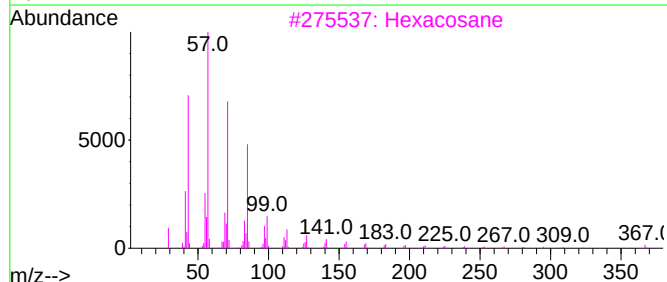
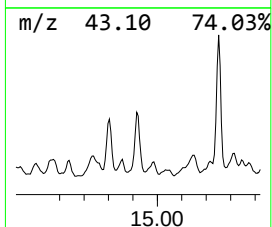
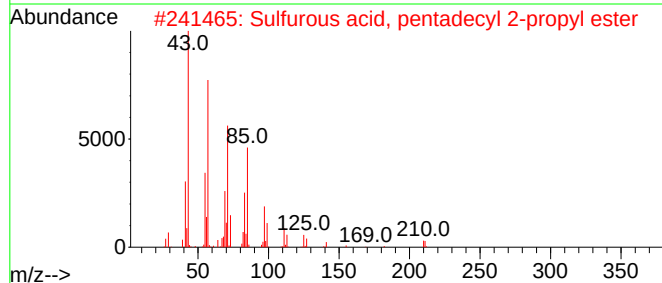
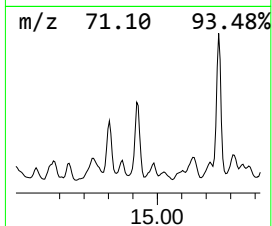
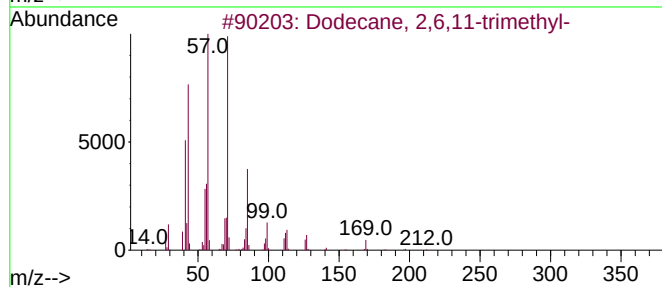
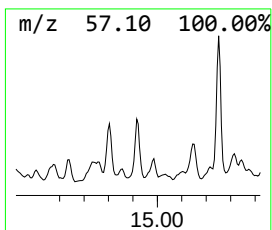
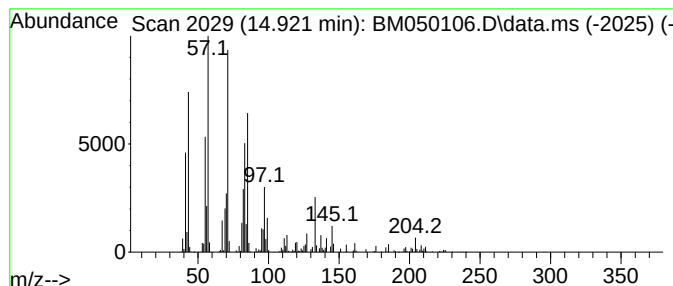
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.921	14.06 ng	2945140	Acenaphthene-d10		14.398	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	60
2	Sulfurous acid, pentadecyl 2-pro...		334	C18H38O3S	1000309-12-6	58
3	Hexacosane		366	C26H54	000630-01-3	53
4	Nonadecane		268	C19H40	000629-92-5	49
5	Octacosane		394	C28H58	000630-02-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

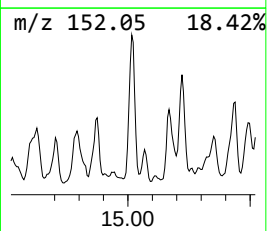
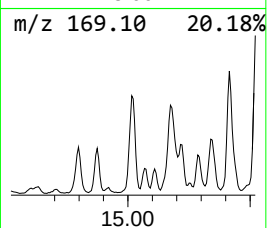
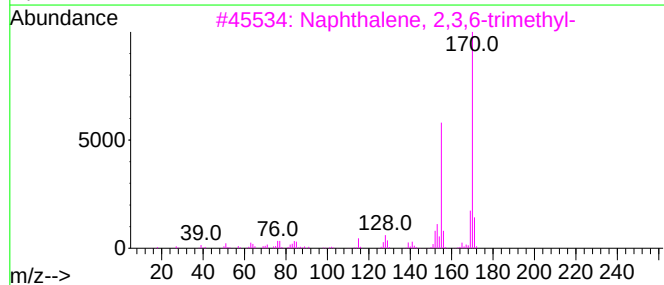
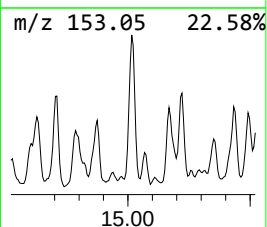
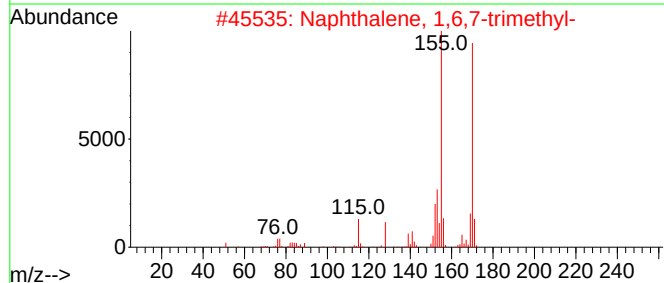
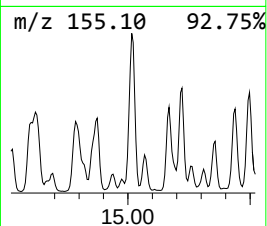
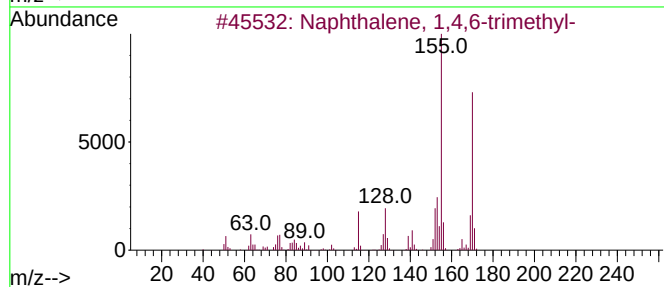
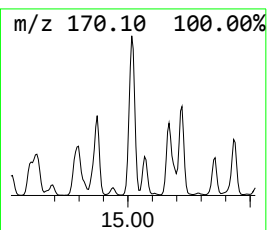
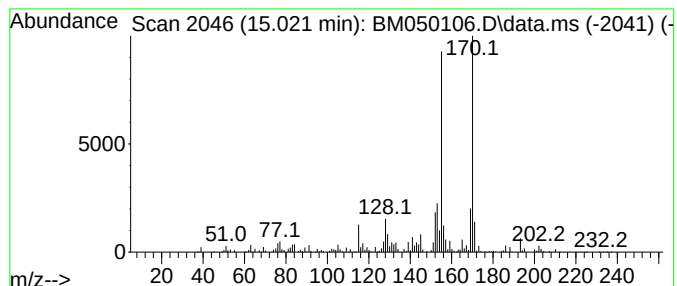
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	15.55 ng	3257900	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

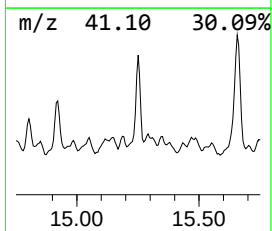
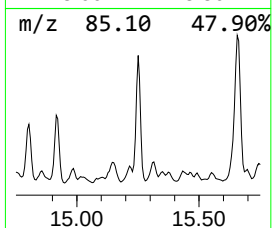
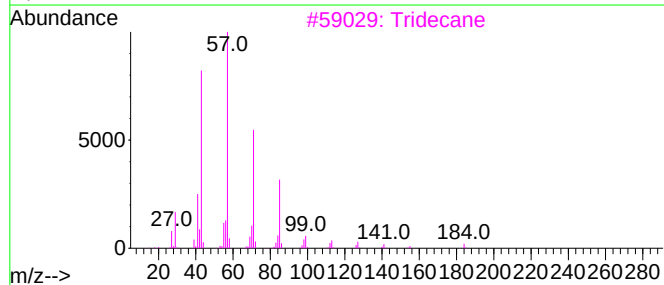
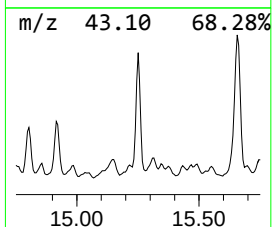
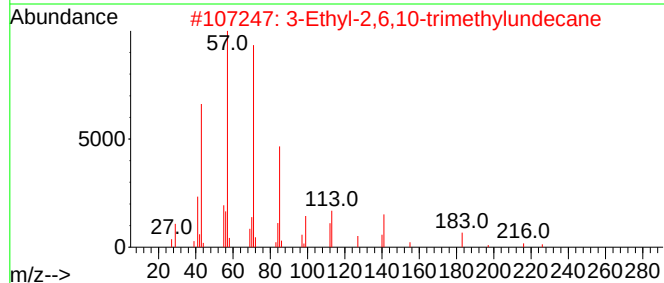
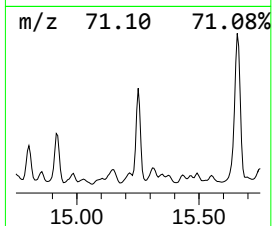
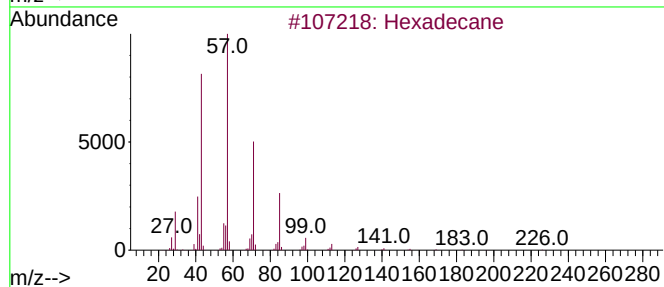
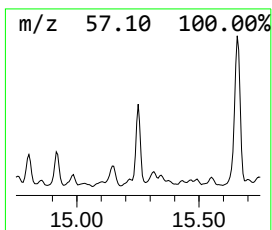
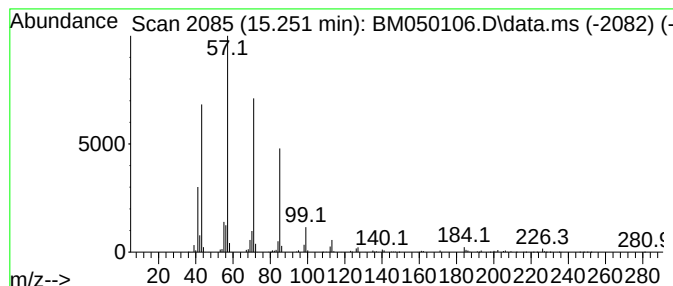
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.251	13.23 ng	2772310	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
3			Tridecane	184	C13H28	000629-50-5	81
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

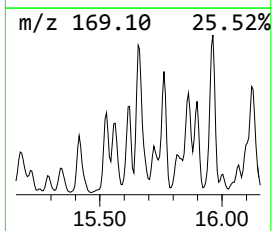
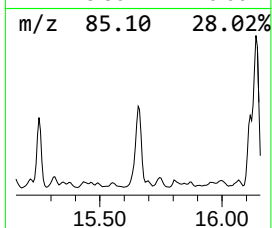
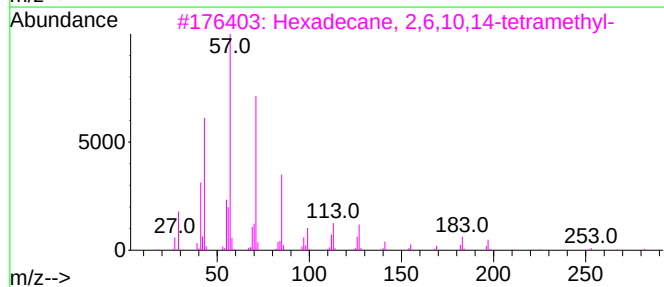
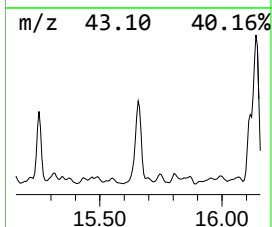
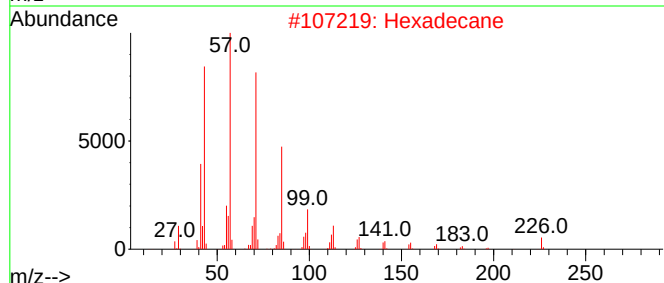
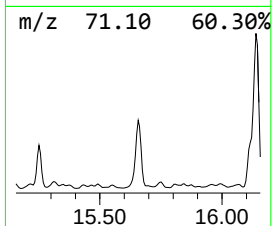
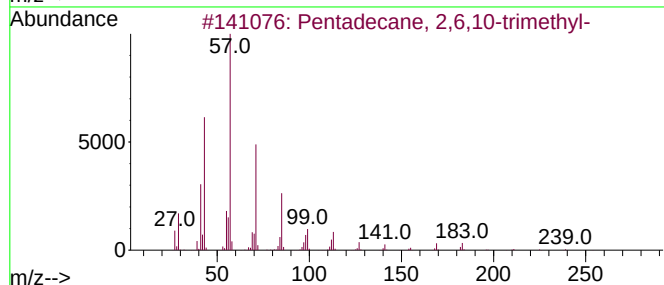
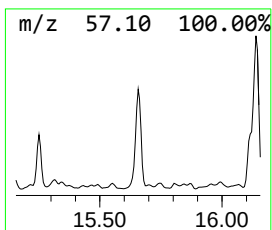
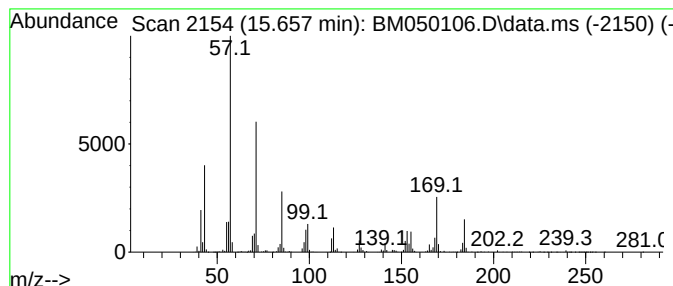
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.656	35.80 ng	7500400	Acenaphthene-d10	14.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Hexadecane	226	C16H34	000544-76-3	46
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	46
4	Heptacosane	380	C27H56	000593-49-7	46
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
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Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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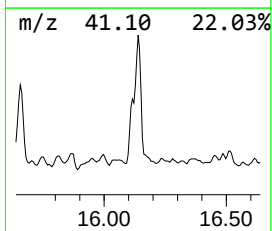
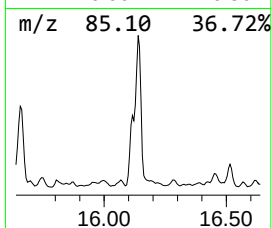
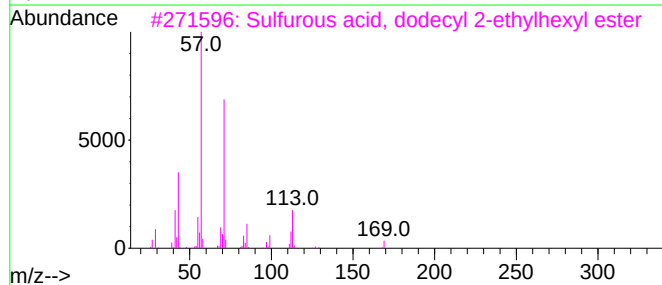
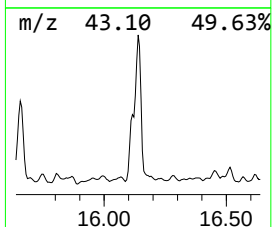
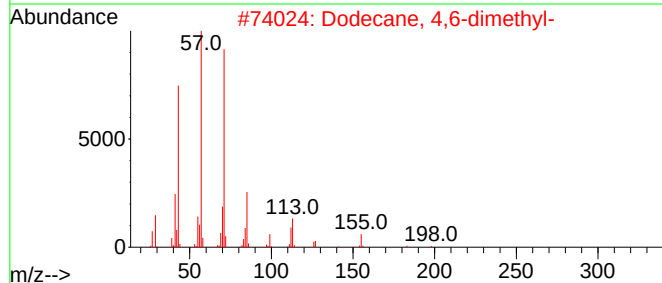
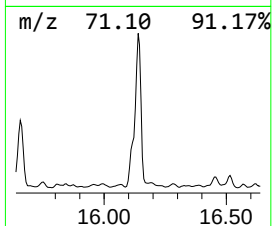
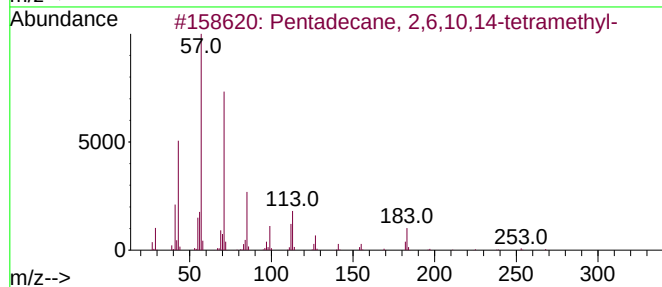
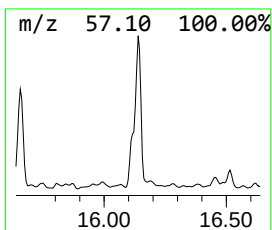
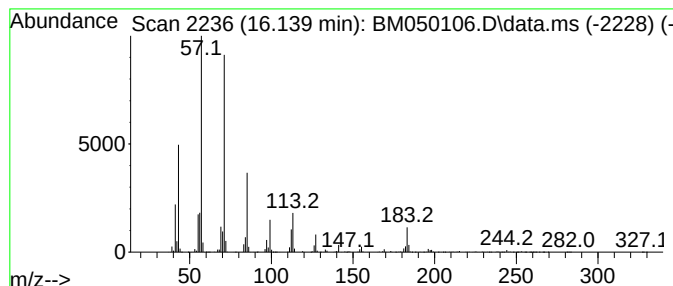
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	85.78 ng	16134200	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
3			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
4			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

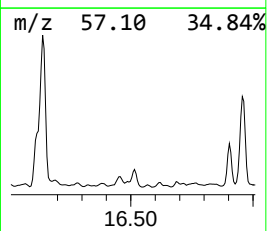
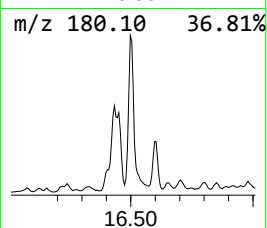
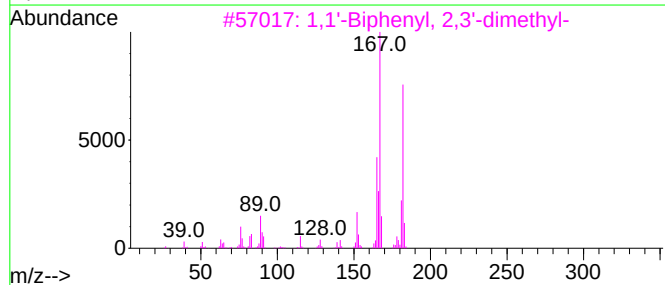
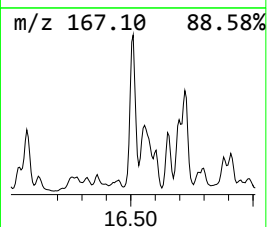
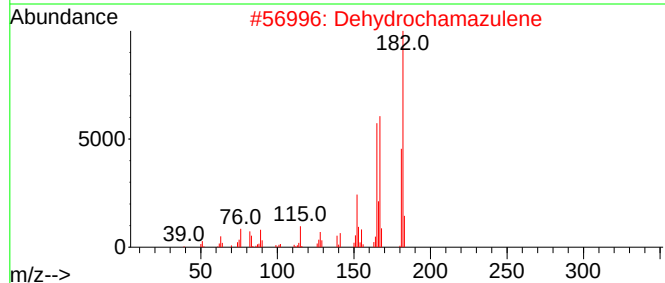
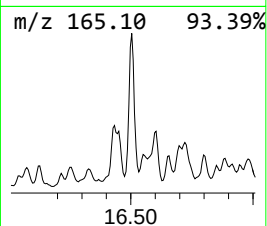
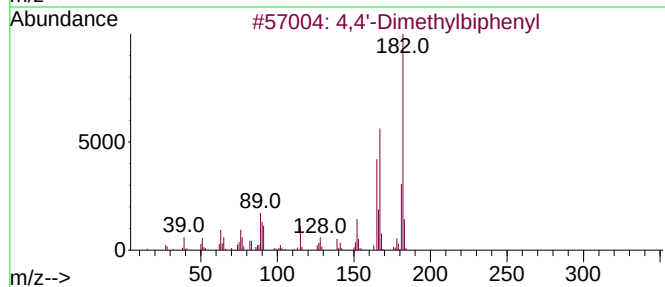
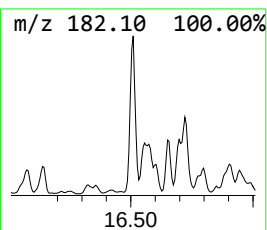
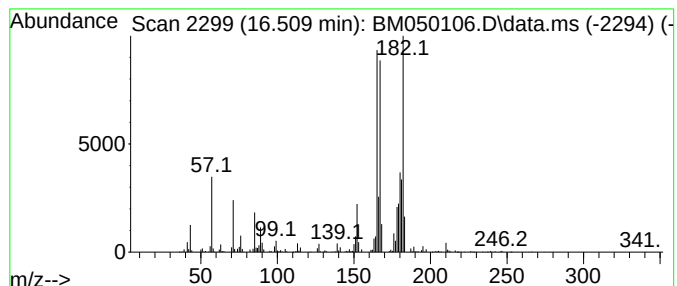
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 4,4'-Dimethylbiphenyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.509	16.82 ng	3162930	Phenanthrene-d10	17.145	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2	Dehydrochamazulene	182	C14H14	321732-25-6	62
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	60
4	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	58
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

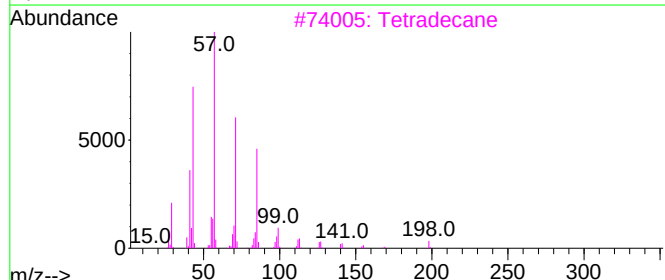
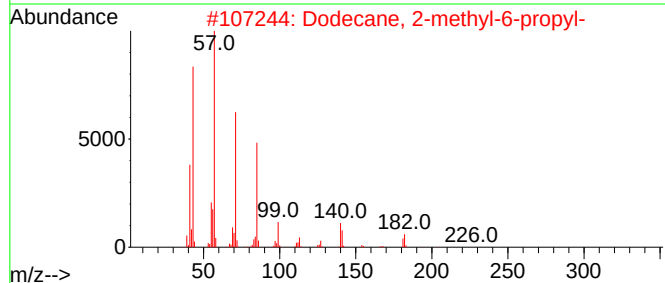
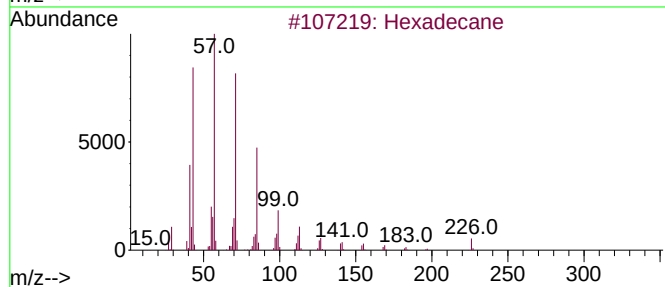
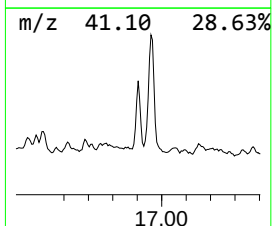
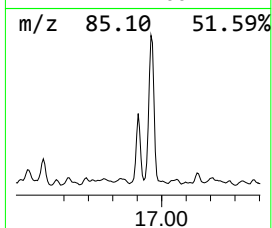
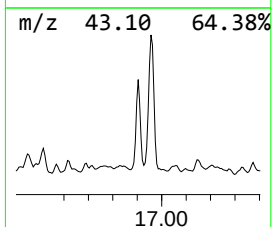
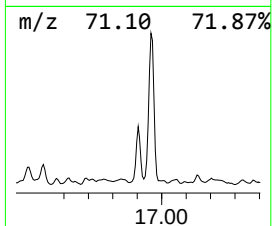
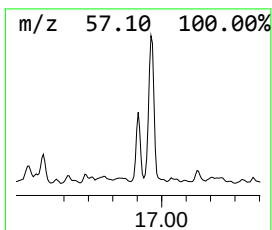
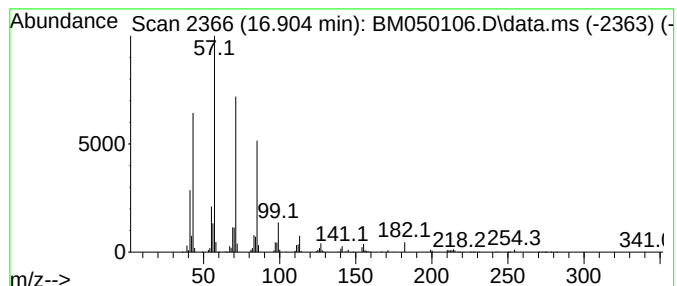
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.904	12.35 ng	2322840	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3			Tetradecane	198	C14H30	000629-59-4	87
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

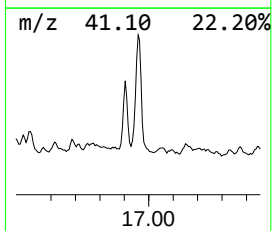
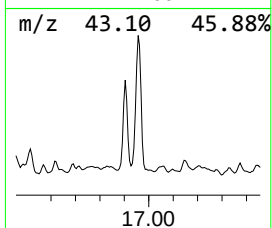
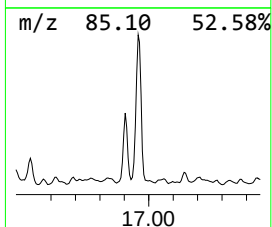
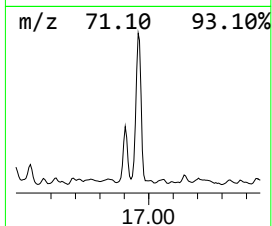
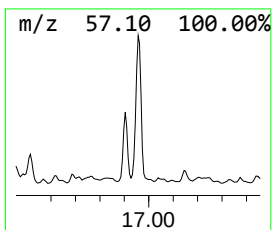
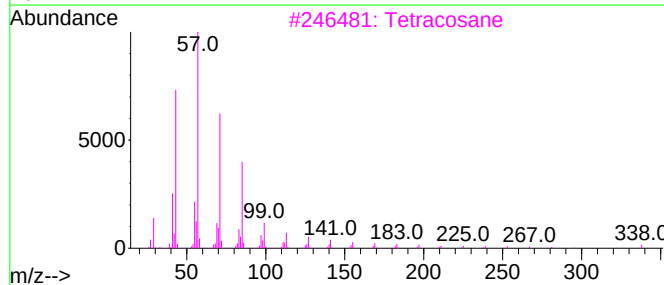
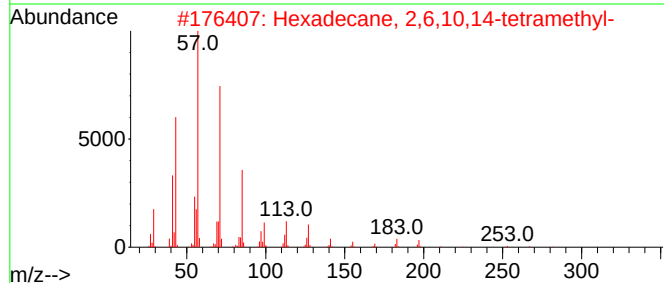
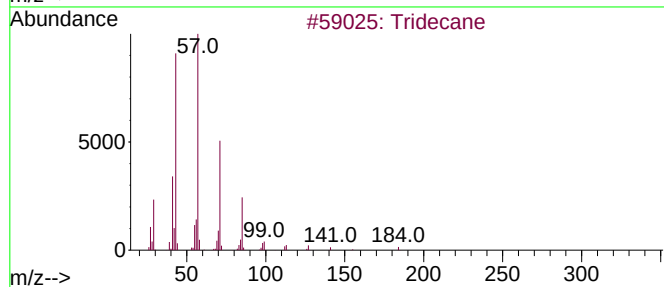
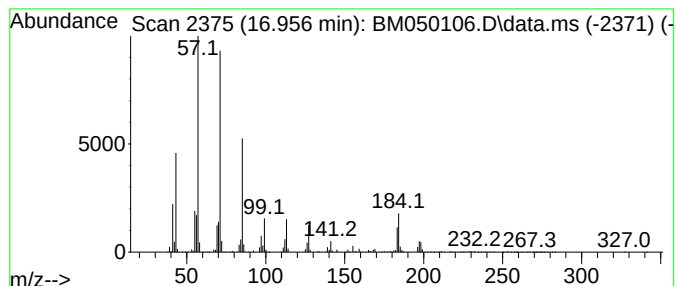
Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.956	51.18 ng	9626110	Phenanthrene-d10		17.145	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	81
3	Tetracosane		338	C24H50	000646-31-1	80
4	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	80
5	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

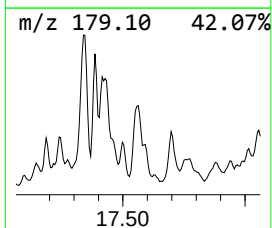
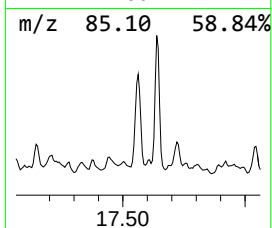
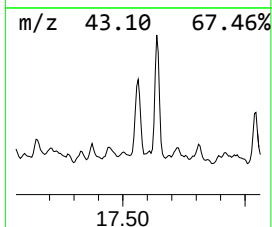
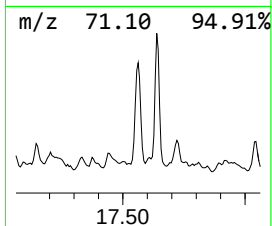
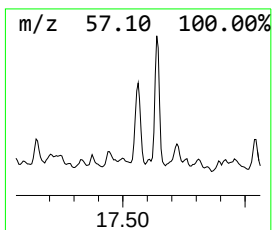
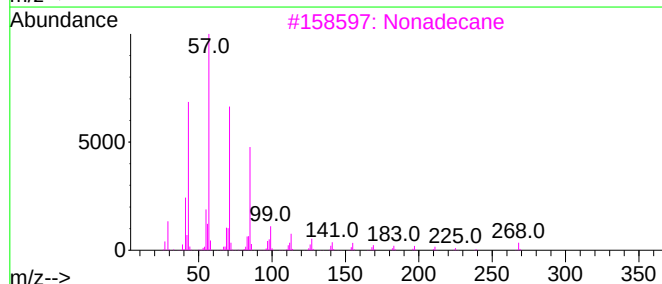
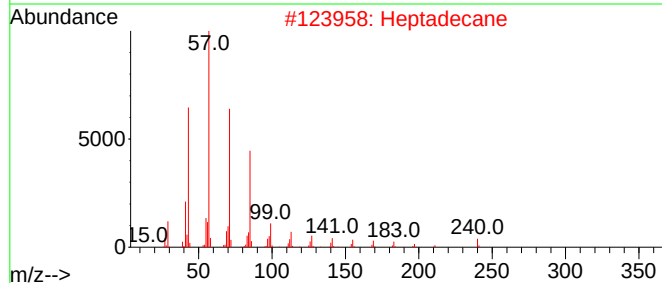
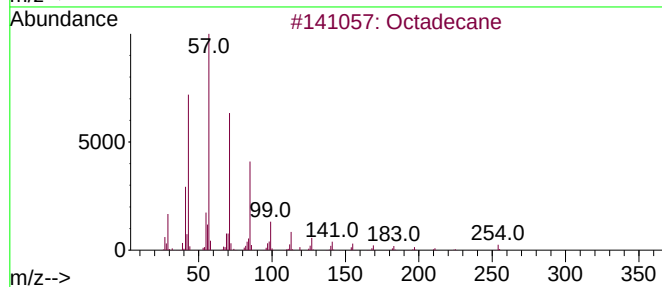
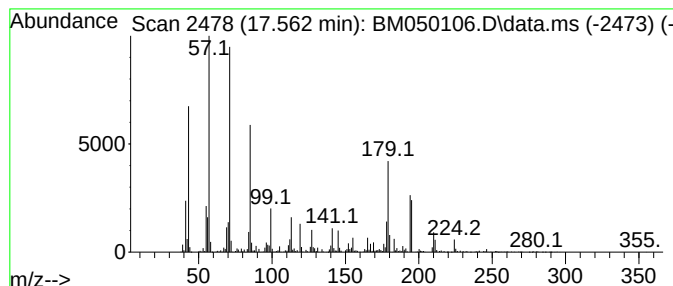
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.562	21.13 ng	3974020	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	70
2			Heptadecane	240	C17H36	000629-78-7	70
3			Nonadecane	268	C19H40	000629-92-5	55
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	55
5			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

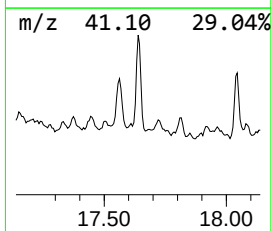
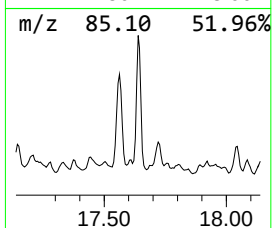
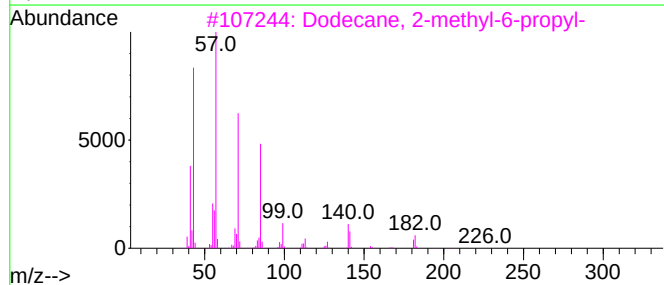
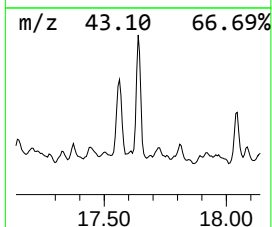
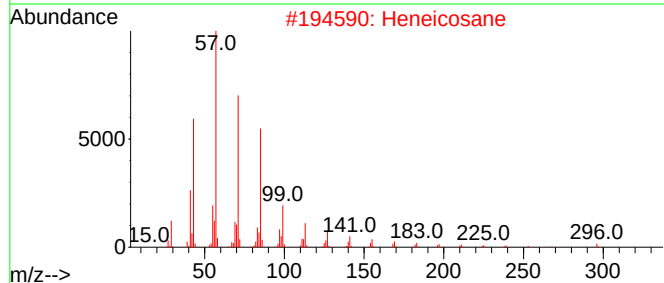
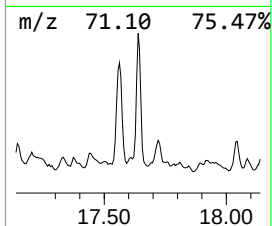
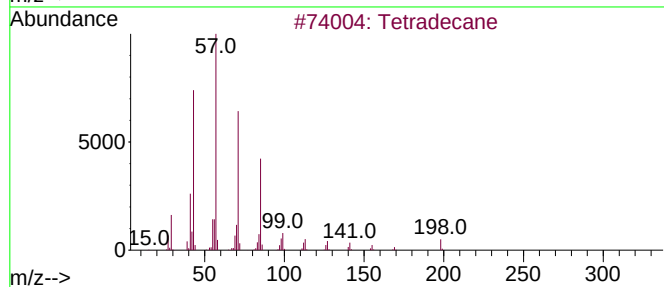
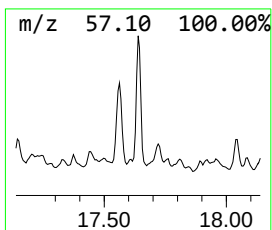
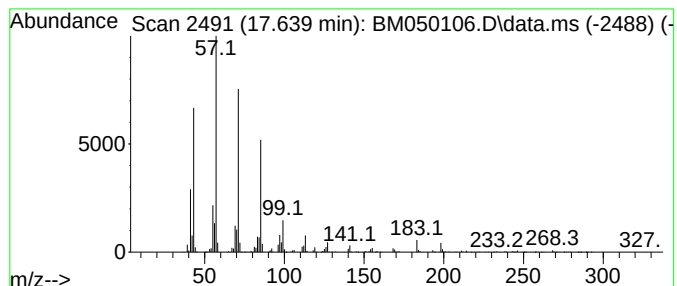
Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.639	14.91 ng	2804490	Phenanthrene-d10		17.145	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	96
2	Heneicosane		296	C21H44	000629-94-7	91
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
4	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	87
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

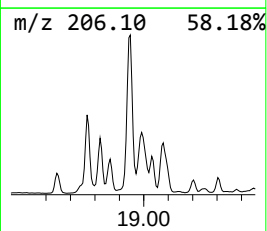
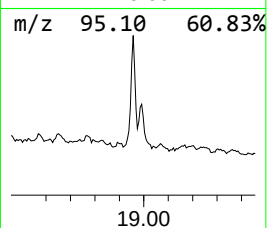
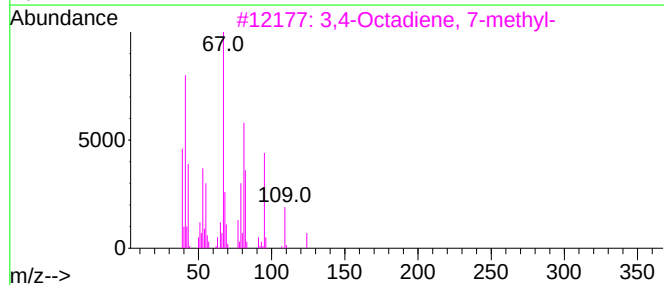
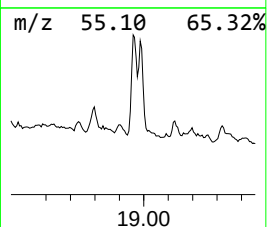
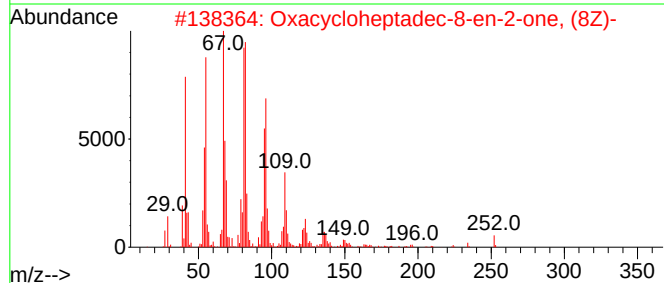
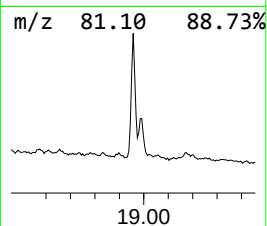
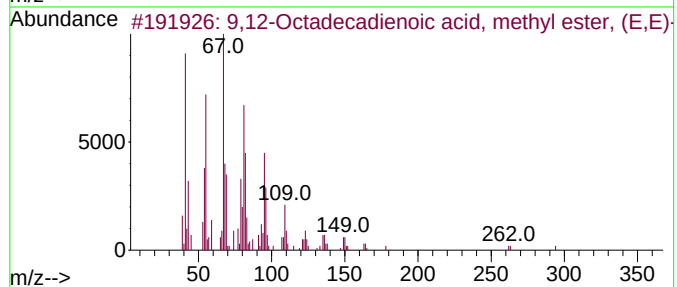
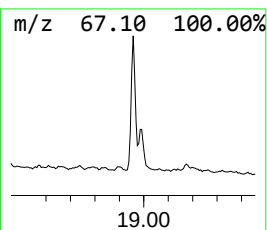
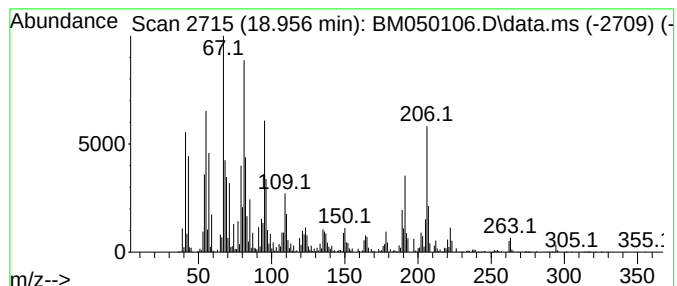
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 9,12-Octadecadienoic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.956	31.31 ng	5889230	Phenanthrene-d10		17.145	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...		294	C19H34O2	002566-97-4	96
2	Oxacycloheptadec-8-en-2-one, (8Z)-		252	C16H28O2	000123-69-3	78
3	3,4-Octadiene, 7-methyl-		124	C9H16	037050-05-8	64
4	Linolelaidic acid		280	C18H32O2	000506-21-8	64
5	5-Nonadecen-1-ol		282	C19H38O	1000131-11-9	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050106.D
Acq On : 05 May 2025 19:37
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 4-ethy...	8.851	15.0	ng	1997660	1	7.745	2665590	20.0
Undecane	8.975	15.7	ng	2092240	1	7.745	2665590	20.0
Sulfurous acid,...	11.569	15.4	ng	5015500	2	10.539	6536750	20.0
Nonane, 3,7-dim...	12.933	27.1	ng	5685410	3	14.398	4189800	20.0
Dodecane, 1-iodo-	13.221	19.1	ng	3996800	3	14.398	4189800	20.0
1H-Indene, 2,3-...	13.333	12.6	ng	2644560	3	14.398	4189800	20.0
Carbonic acid, ...	13.880	33.2	ng	6954500	3	14.398	4189800	20.0
Decahydro-1,1,4...	14.227	15.5	ng	3243900	3	14.398	4189800	20.0
10-Methylnonade...	14.298	21.2	ng	4446090	3	14.398	4189800	20.0
Dodecane, 2,6,1...	14.921	14.1	ng	2945140	3	14.398	4189800	20.0
Naphthalene, 1,...	15.021	15.6	ng	3257900	3	14.398	4189800	20.0
Hexadecane	15.251	13.2	ng	2772310	3	14.398	4189800	20.0
Pentadecane, 2,...	15.656	35.8	ng	7500400	3	14.398	4189800	20.0
Pentadecane, 2,...	16.139	85.8	ng	16134200	4	17.145	3761930	20.0
4,4'-Dimethylbi...	16.509	16.8	ng	3162930	4	17.145	3761930	20.0
Dodecane, 2-met...	16.904	12.4	ng	2322840	4	17.145	3761930	20.0
Tridecane	16.956	51.2	ng	9626110	4	17.145	3761930	20.0
Octadecane	17.562	21.1	ng	3974020	4	17.145	3761930	20.0
Tetradecane	17.639	14.9	ng	2804490	4	17.145	3761930	20.0
9,12-Octadecadi...	18.956	31.3	ng	5889230	4	17.145	3761930	20.0