

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042450.D
 Acq On : 25 Oct 2023 22:44
 Operator : MA/JU
 Sample : 05025-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-10232023-A

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-BM102123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042450.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	313	320	324	rBV	193064	299820	10.28%	0.637%
2	5.340	361	366	377	rVB3	38159	81276	2.79%	0.173%
3	5.516	391	396	404	rVB	1072682	1560869	53.53%	3.314%
4	6.451	545	555	560	rBV3	35172	82429	2.83%	0.175%
5	6.557	568	573	578	rBV3	58905	92882	3.19%	0.197%
6	7.069	653	660	665	rBV3	68375	125460	4.30%	0.266%
7	7.140	665	672	681	rVV	1081004	1687116	57.86%	3.582%
8	7.534	735	739	745	rVB	75433	109632	3.76%	0.233%
9	7.881	795	798	808	rVB2	52662	81598	2.80%	0.173%
10	7.992	808	817	824	rBV	607464	986253	33.83%	2.094%
11	8.092	829	834	842	rVB6	34782	71271	2.44%	0.151%
12	8.498	896	903	911	rVB8	52323	124980	4.29%	0.265%
13	8.681	927	934	944	rVB3	38011	87959	3.02%	0.187%
14	8.787	944	952	957	rBV3	54546	120544	4.13%	0.256%
15	9.145	1006	1013	1015	rBV2	155273	233021	7.99%	0.495%
16	9.187	1015	1020	1027	rVB	665141	1076371	36.92%	2.285%
17	9.298	1035	1039	1045	rVB5	42226	83992	2.88%	0.178%
18	9.392	1048	1055	1061	rVB7	35868	92283	3.17%	0.196%
19	9.557	1076	1083	1086	rBV5	36825	74186	2.54%	0.157%
20	9.675	1094	1103	1110	rVB4	98185	213502	7.32%	0.453%
21	9.863	1127	1135	1143	rVV5	48195	142013	4.87%	0.301%
22	9.939	1143	1148	1150	rBV	62837	102042	3.50%	0.217%
23	9.969	1150	1153	1161	rVB5	65893	132942	4.56%	0.282%
24	10.057	1161	1168	1174	rBV5	52285	139798	4.79%	0.297%
25	10.145	1176	1183	1185	rVV4	49591	91469	3.14%	0.194%
26	10.175	1185	1188	1193	rVV	52926	84393	2.89%	0.179%
27	10.234	1193	1198	1205	rVB5	45174	114691	3.93%	0.243%
28	10.339	1210	1216	1221	rVB5	38843	97801	3.35%	0.208%
29	10.533	1242	1249	1255	rBV7	34917	90533	3.11%	0.192%
30	10.698	1272	1277	1282	rVV	208910	319474	10.96%	0.678%
31	10.810	1291	1296	1303	rBV	821294	1351611	46.36%	2.869%
32	10.881	1303	1308	1315	rVB3	167046	325871	11.18%	0.692%
33	10.975	1315	1324	1333	rBV3	42408	165231	5.67%	0.351%
34	11.445	1399	1404	1408	rBV3	113107	193597	6.64%	0.411%
35	11.563	1417	1424	1430	rBV6	58487	140282	4.81%	0.298%
36	11.645	1434	1438	1443	rVB2	40752	74359	2.55%	0.158%

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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-BM102123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.739	1450	1454	1459	rVB	165817	238126	8.17%	0.506%
38	11.798	1459	1464	1467	rBV4	41754	82301	2.82%	0.175%
39	11.980	1491	1495	1499	rBV	71540	108600	3.72%	0.231%
40	12.151	1519	1524	1528	rBV	287382	411569	14.12%	0.874%
41	12.339	1552	1556	1564	rVB6	81734	182316	6.25%	0.387%
42	12.692	1611	1616	1621	rBV4	128673	228202	7.83%	0.484%
43	12.780	1626	1631	1639	rBV6	92930	190798	6.54%	0.405%
44	12.851	1639	1643	1646	rBV4	42983	74370	2.55%	0.158%
45	12.957	1655	1661	1666	rBV5	104820	200724	6.88%	0.426%
46	13.039	1672	1675	1680	rVB3	69912	105164	3.61%	0.223%
47	13.092	1680	1684	1690	rBV2	187912	280021	9.60%	0.594%
48	13.257	1706	1712	1717	rBV	1667541	2387428	81.88%	5.068%
49	13.392	1729	1735	1740	rVB	374602	561580	19.26%	1.192%
50	13.474	1745	1749	1754	rBV5	62342	104677	3.59%	0.222%
51	13.780	1796	1801	1803	rBV3	72444	116559	4.00%	0.247%
52	13.951	1826	1830	1834	rVB4	86461	122377	4.20%	0.260%
53	14.004	1836	1839	1841	rVV3	86282	120290	4.13%	0.255%
54	14.033	1841	1844	1850	rVB2	191336	251794	8.64%	0.535%
55	14.163	1863	1866	1868	rBV	60149	77951	2.67%	0.165%
56	14.327	1887	1894	1896	rBV6	67457	135960	4.66%	0.289%
57	14.363	1897	1900	1906	rVV	76772	140730	4.83%	0.299%
58	14.463	1913	1917	1924	rVB	416255	549801	18.86%	1.167%
59	14.633	1941	1946	1954	rVV	1193211	1718496	58.94%	3.648%
60	14.698	1954	1957	1969	rVB4	87085	242777	8.33%	0.515%
61	14.916	1988	1994	1998	rBV6	41632	110498	3.79%	0.235%
62	14.957	1998	2001	2006	rVV3	76788	135564	4.65%	0.288%
63	15.016	2007	2011	2017	rVV2	107670	218984	7.51%	0.465%
64	15.074	2017	2021	2029	rVV4	120872	332946	11.42%	0.707%
65	15.145	2031	2033	2039	rVB	78937	99331	3.41%	0.211%
66	15.233	2044	2048	2054	rVV5	75792	164801	5.65%	0.350%
67	15.286	2055	2057	2066	rVB6	59900	107877	3.70%	0.229%
68	15.410	2074	2078	2083	rVB	439922	503681	17.27%	1.069%
69	15.680	2121	2124	2136	rVB2	118853	259764	8.91%	0.551%
70	15.804	2140	2145	2151	rVV	232365	418801	14.36%	0.889%
71	15.968	2169	2173	2180	rVB4	73839	133304	4.57%	0.283%
72	16.033	2181	2184	2192	rVV5	81123	111525	3.83%	0.237%
73	16.127	2194	2200	2210	rVB	1164861	1819278	62.40%	3.862%
74	16.274	2220	2225	2232	rBV	557992	939690	32.23%	1.995%
75	16.733	2299	2303	2308	rBV3	97411	146311	5.02%	0.311%
76	17.068	2356	2360	2363	rBV	414986	451985	15.50%	0.960%

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77	17.110	2363	2367	2373	rVB	248340	323862	11.11%	0.688%
78	17.204	2380	2383	2389	rVB	75050	116938	4.01%	0.248%
79	17.386	2408	2414	2418	rBV	1412676	2062399	70.73%	4.378%
80	17.427	2418	2421	2427	rVB	807438	1045218	35.85%	2.219%
81	17.521	2432	2437	2442	rBV	304580	470997	16.15%	1.000%
82	17.809	2482	2486	2491	rVB	472560	585311	20.07%	1.243%
83	17.962	2509	2512	2516	rBV2	70644	86384	2.96%	0.183%
84	18.233	2554	2558	2566	rBV2	860905	1480519	50.78%	3.143%
85	18.304	2567	2570	2575	rVB	233678	332856	11.42%	0.707%
86	18.386	2581	2584	2587	rVB	107166	124170	4.26%	0.264%
87	18.451	2591	2595	2599	rVV2	305104	547442	18.78%	1.162%
88	18.504	2600	2604	2610	rVB2	412803	548219	18.80%	1.164%
89	19.139	2708	2712	2714	rBV	399166	528529	18.13%	1.122%
90	19.392	2752	2755	2758	rBV	294213	312155	10.71%	0.663%
91	19.439	2758	2763	2771	rVB	1592226	2106830	72.26%	4.473%
92	19.509	2771	2775	2782	rBV2	501756	704167	24.15%	1.495%
93	19.768	2815	2819	2821	rBV2	264092	413533	14.18%	0.878%
94	19.803	2821	2825	2832	rVB	1602918	2194963	75.28%	4.660%
95	19.998	2853	2858	2865	rBV	2293222	2915674	100.00%	6.190%
96	20.251	2898	2901	2905	rBV3	435081	621894	21.33%	1.320%
97	20.392	2922	2925	2928	rBV	245377	323305	11.09%	0.686%
98	21.209	3062	3064	3074	rVB5	455488	894821	30.69%	1.900%
99	21.562	3119	3124	3128	rBV2	1347320	2273826	77.99%	4.827%
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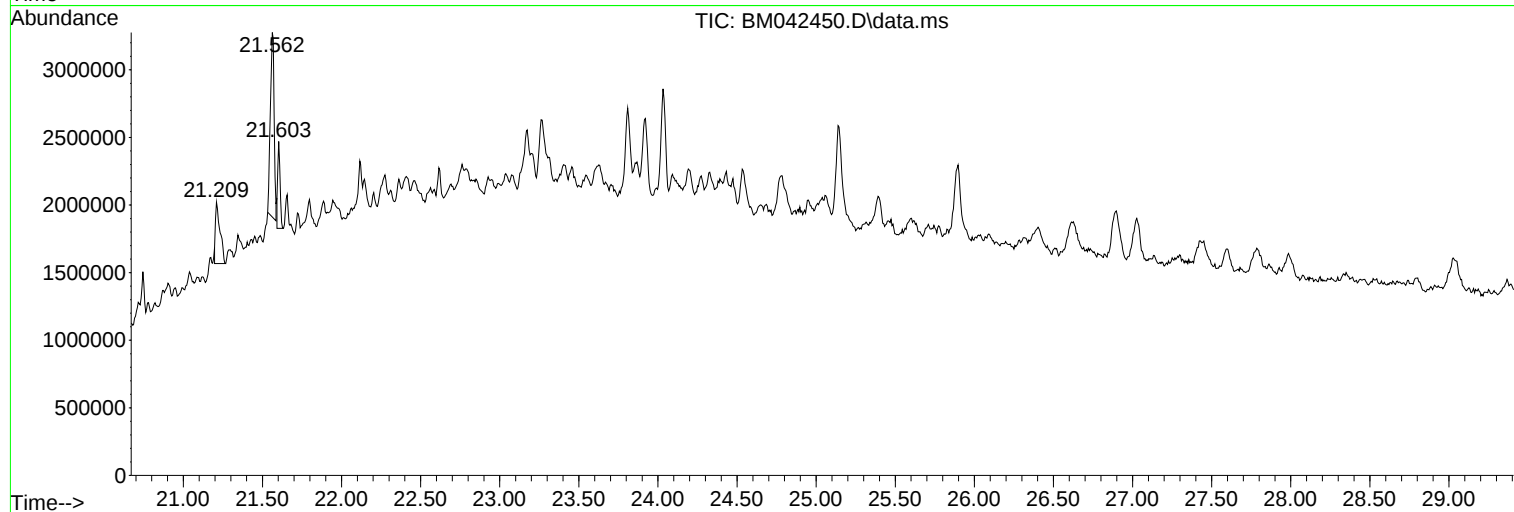
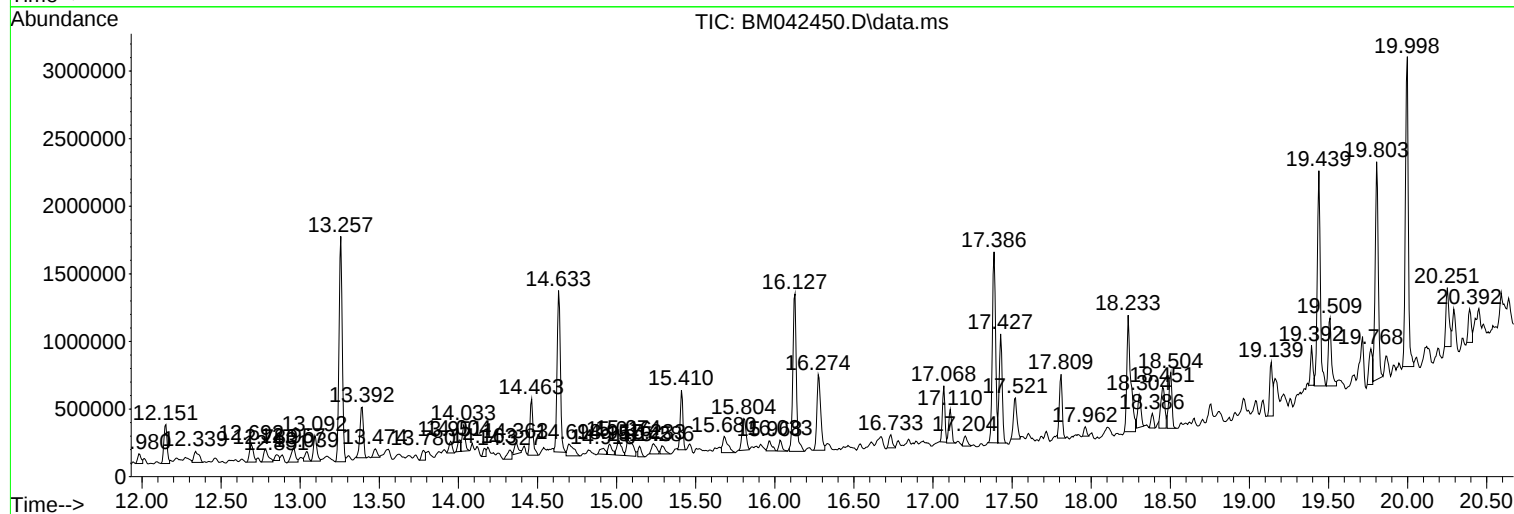
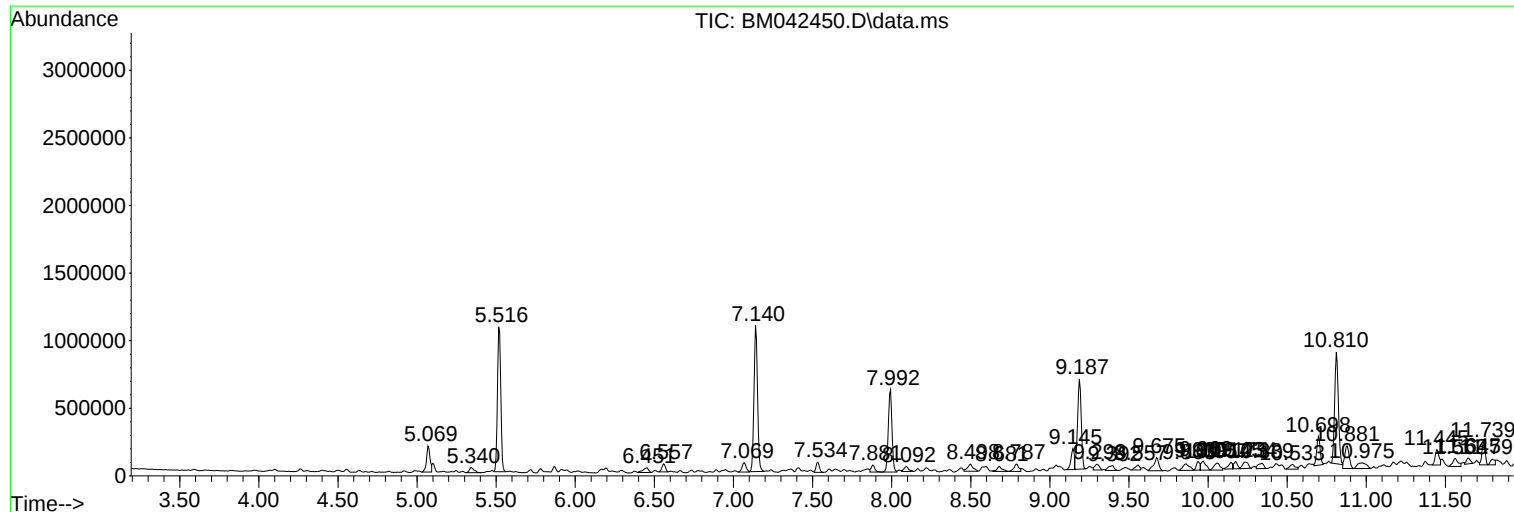
Sum of corrected areas: 47103492

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Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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Instrument :
BNA_M
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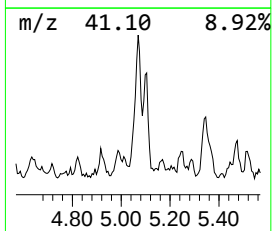
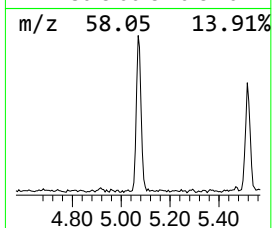
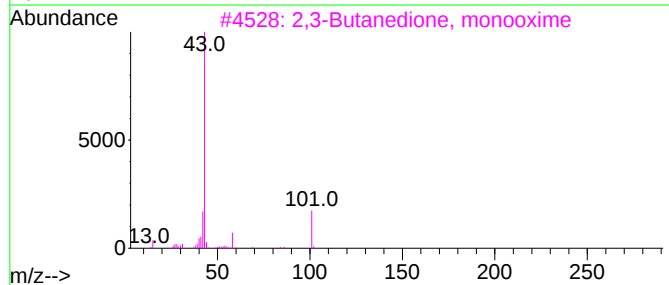
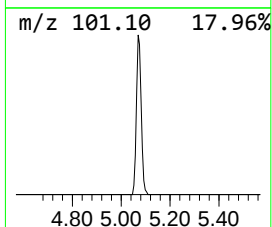
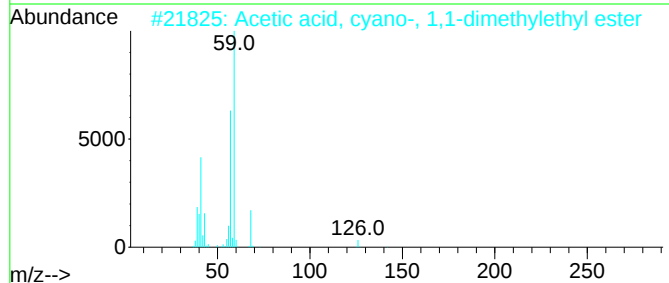
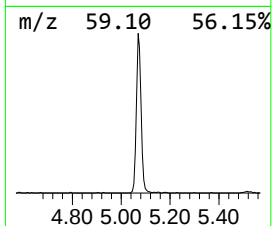
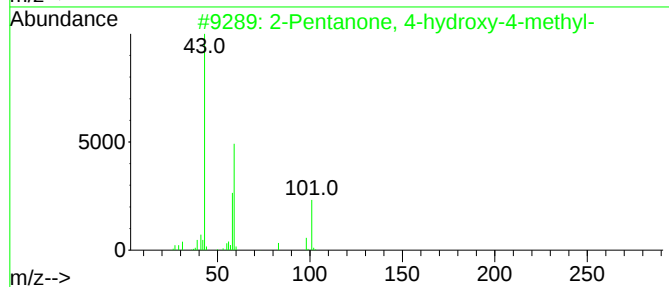
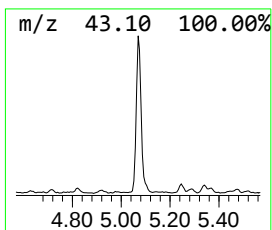
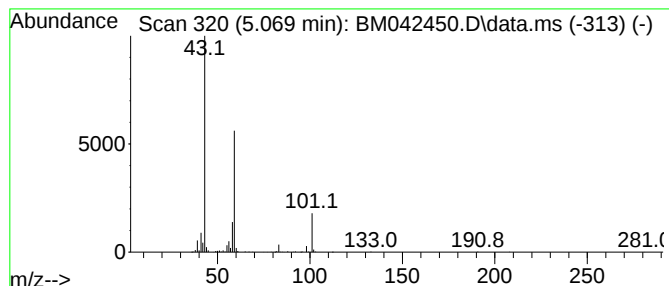
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	6.08 ng	299820	1,4-Dichlorobenzene-d4	7.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		



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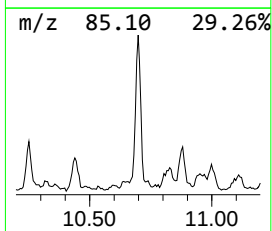
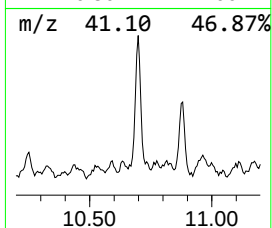
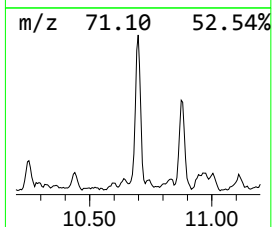
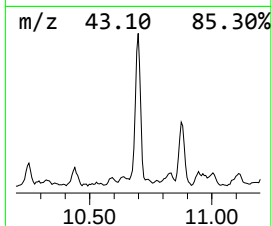
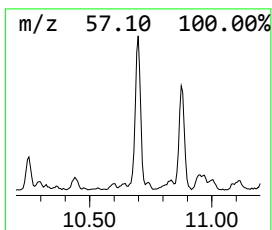
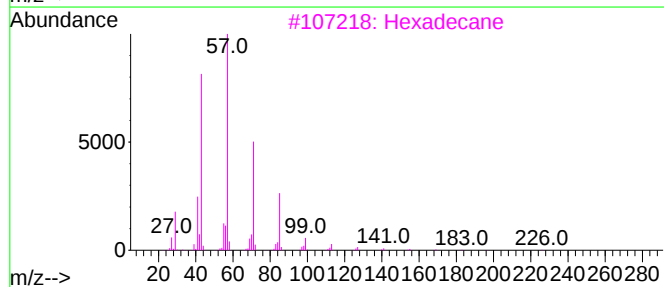
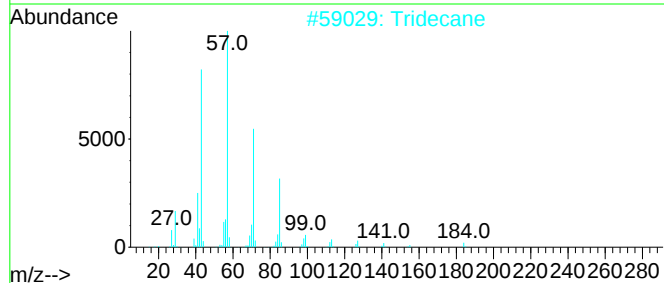
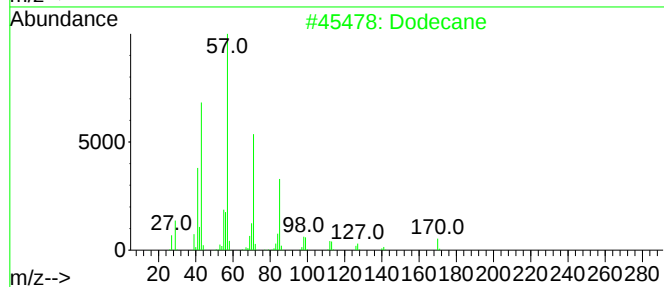
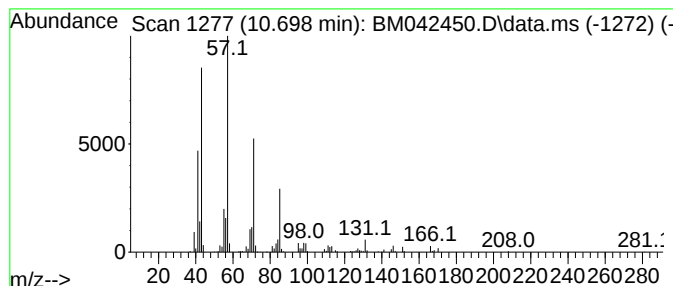
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.698	4.73 ng	319474	Naphthalene-d8	10.810

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	90
2		Tridecane	184	C13H28	000629-50-5	86
3		Hexadecane	226	C16H34	000544-76-3	83
4		Undecane	156	C11H24	001120-21-4	78
5		Tetradecane	198	C14H30	000629-59-4	64



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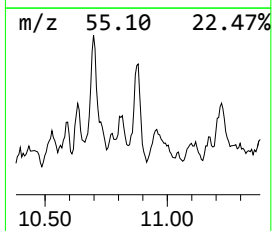
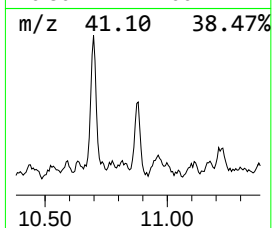
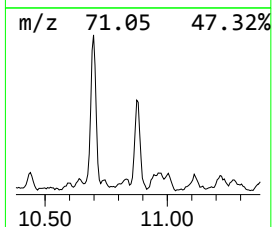
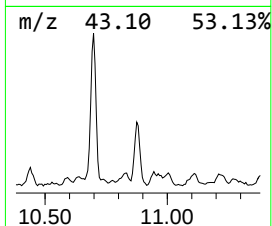
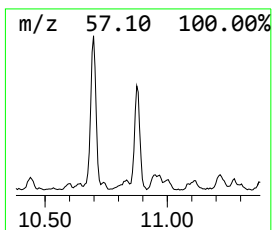
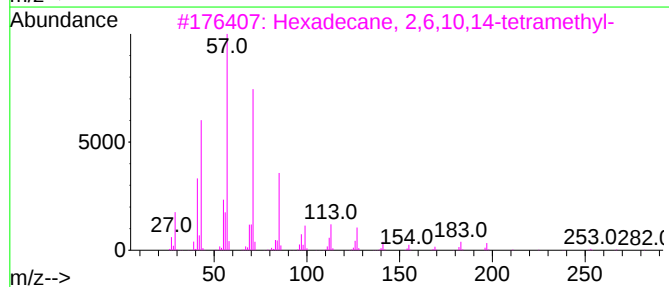
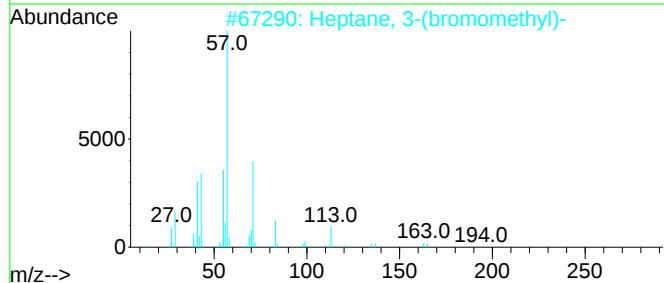
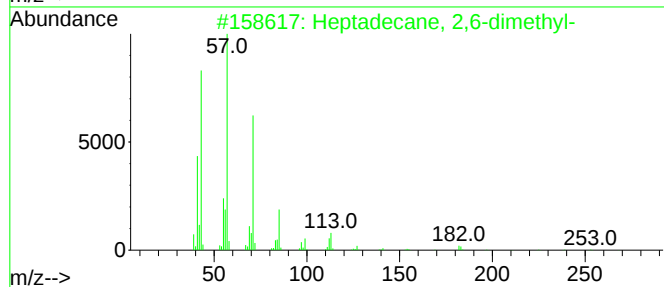
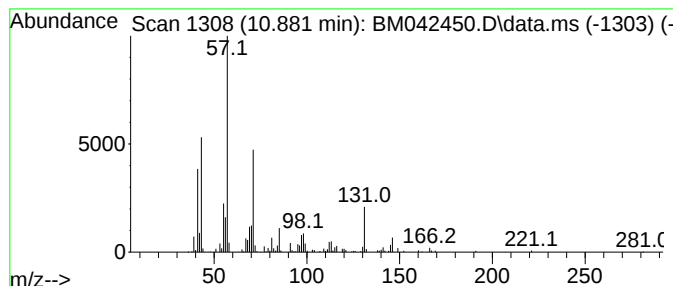
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Heptadecane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.881	4.82 ng	325871	Naphthalene-d8	10.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	52
2			Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	47
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43
4			Octane, 4-ethyl-	142	C10H22	015869-86-0	38
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A

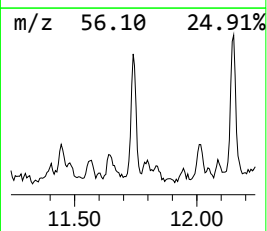
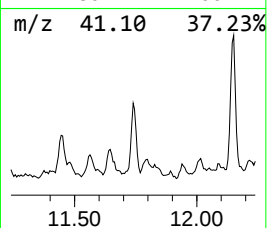
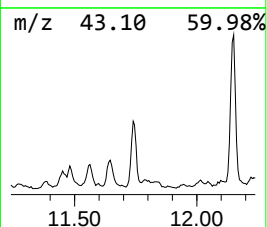
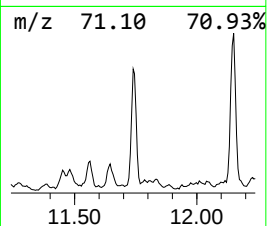
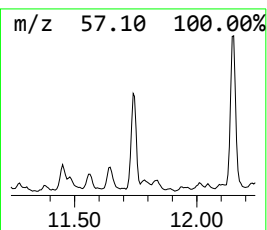
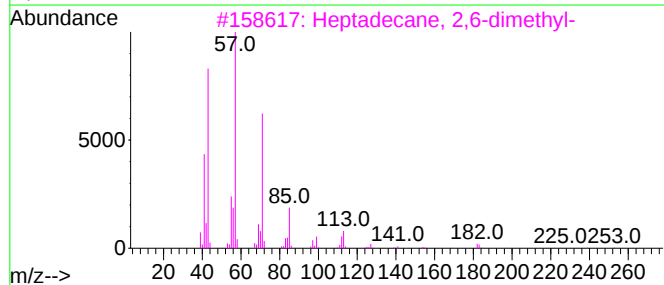
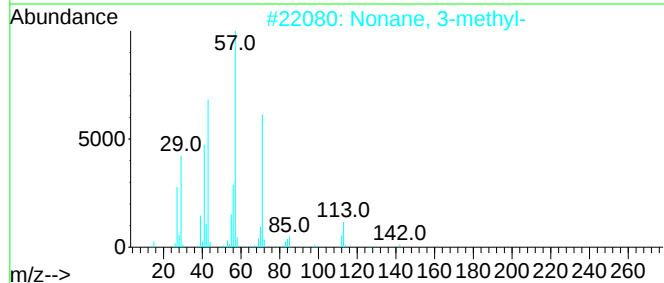
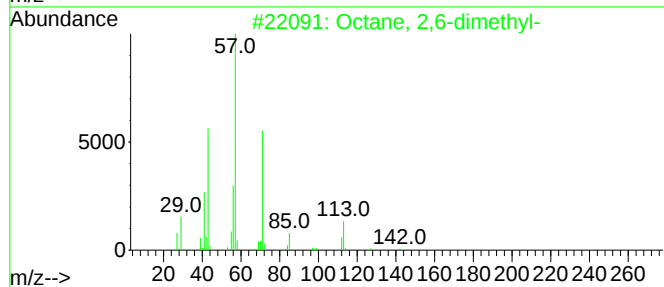
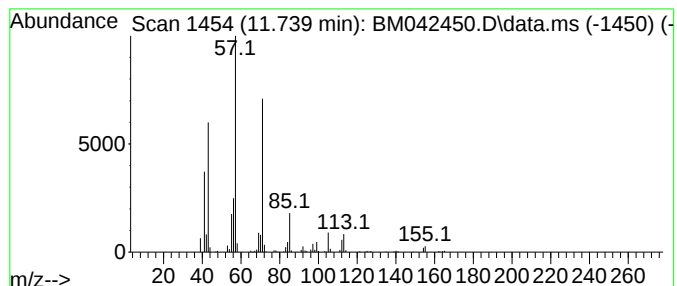
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	3.52 ng	238126	Naphthalene-d8	10.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59
4			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	59
5			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-10232023-A

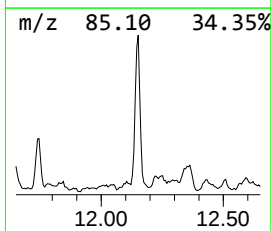
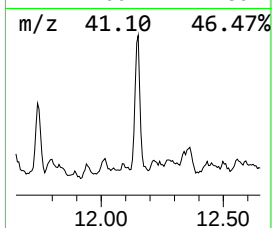
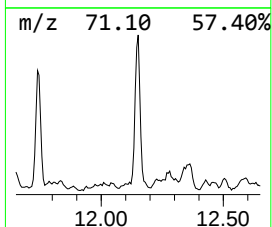
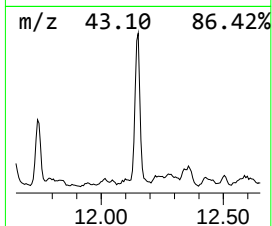
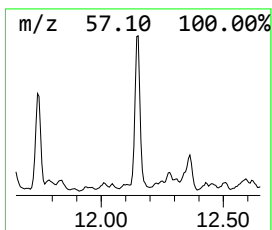
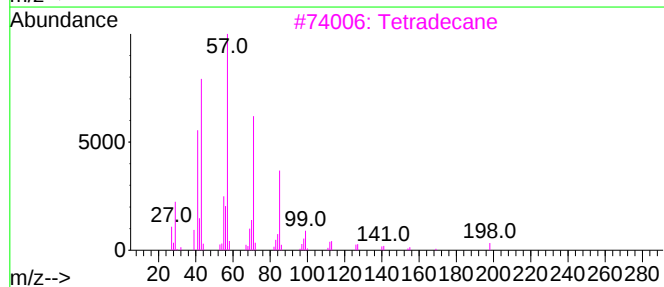
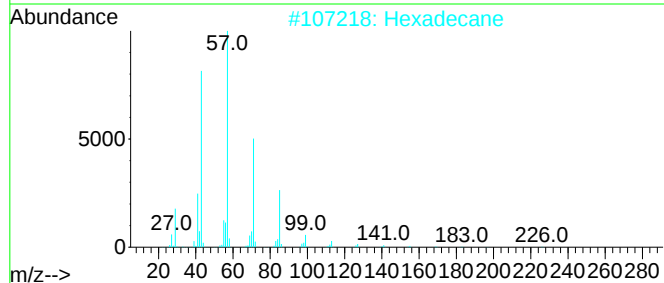
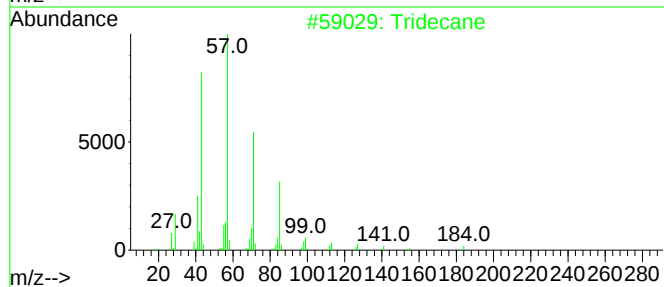
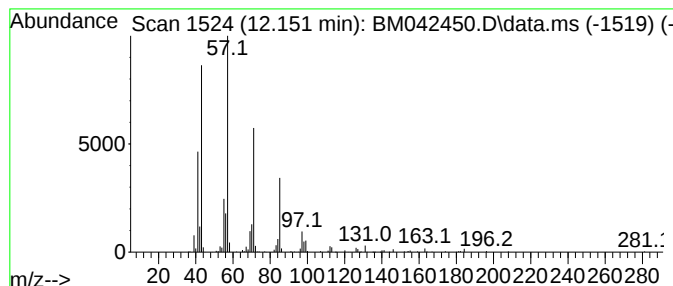
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	6.09 ng	411569	Naphthalene-d8	10.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	80
5			Eicosane, 2-methyl-	296	C21H44	001560-84-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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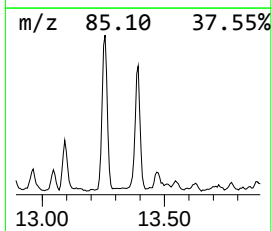
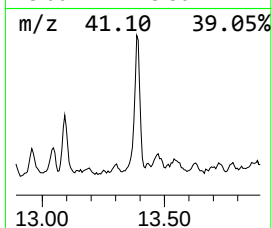
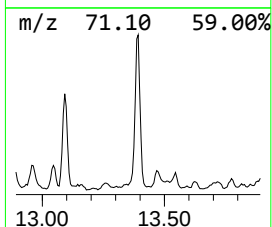
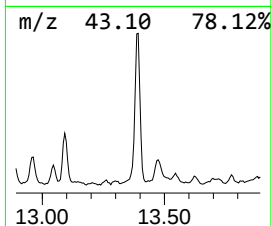
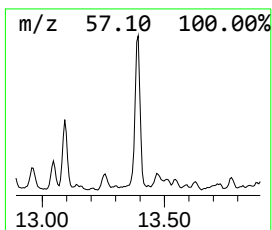
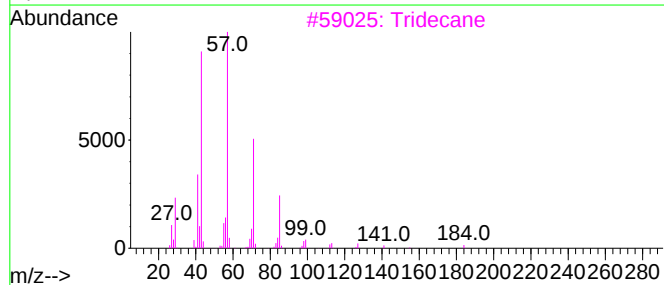
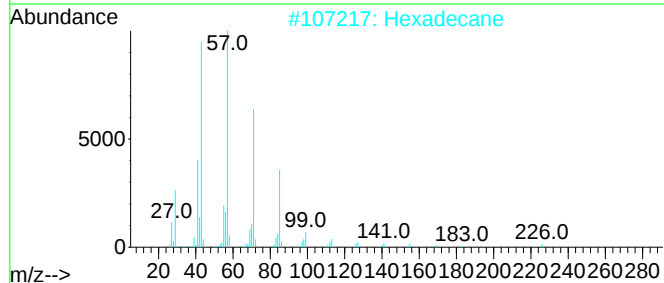
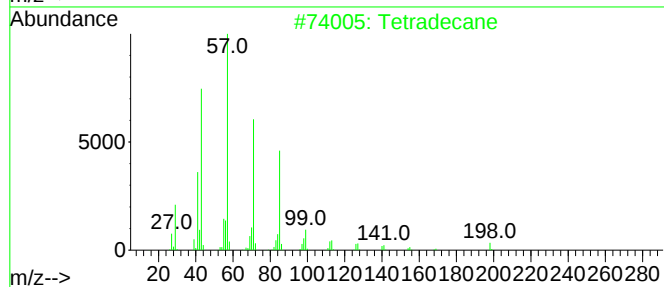
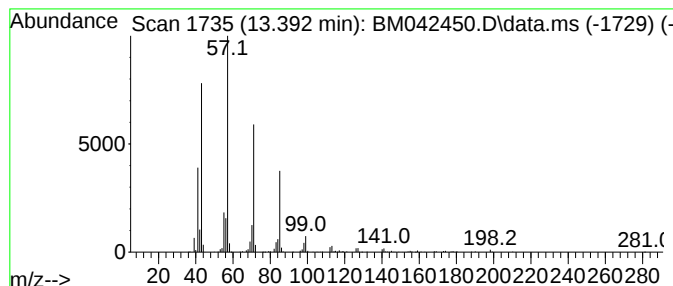
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	6.54 ng	561580	Acenaphthene-d10	14.633

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	86
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
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ALS Vial : 19 Sample Multiplier: 1

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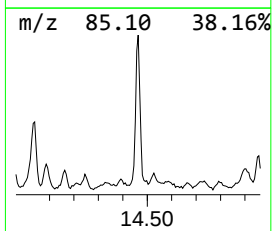
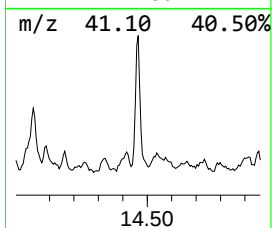
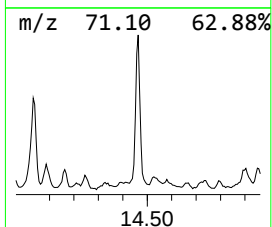
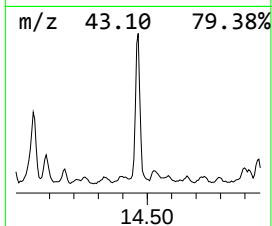
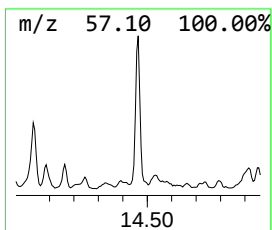
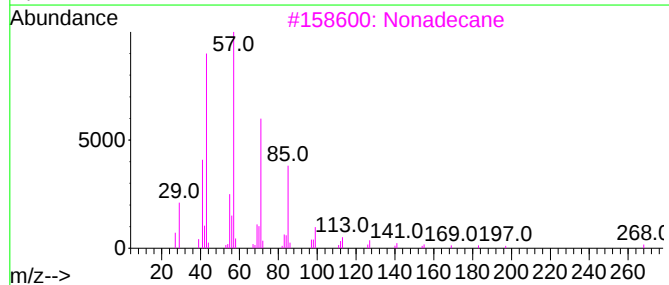
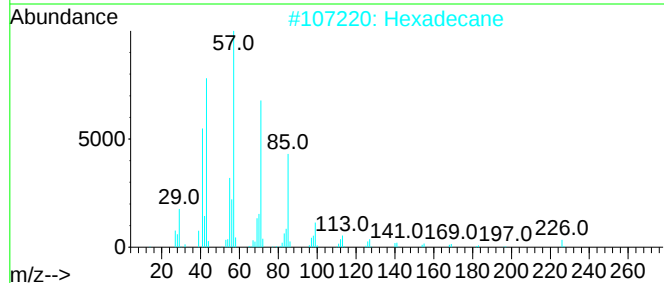
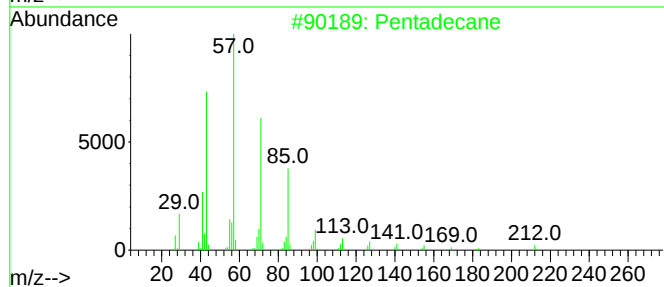
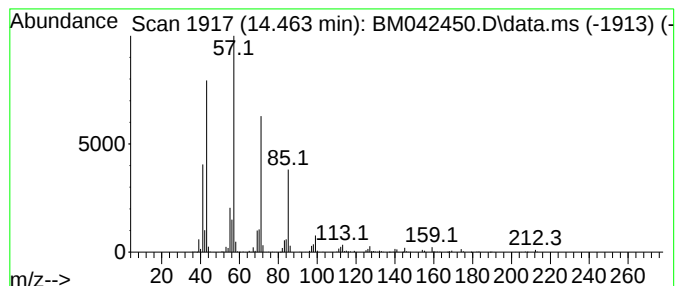
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	6.40 ng	549801	Acenaphthene-d10	14.633

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-10232023-A

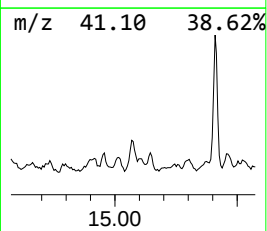
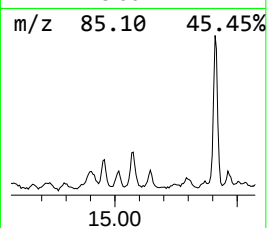
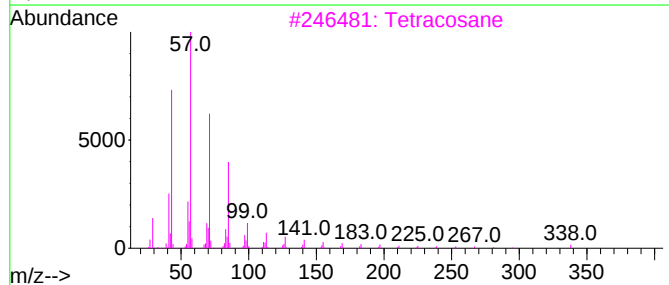
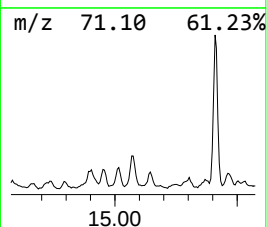
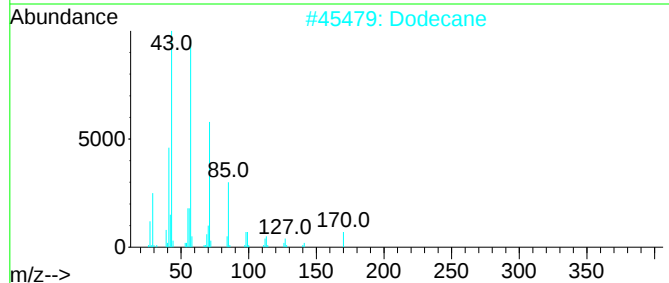
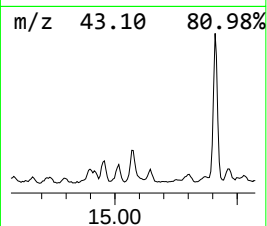
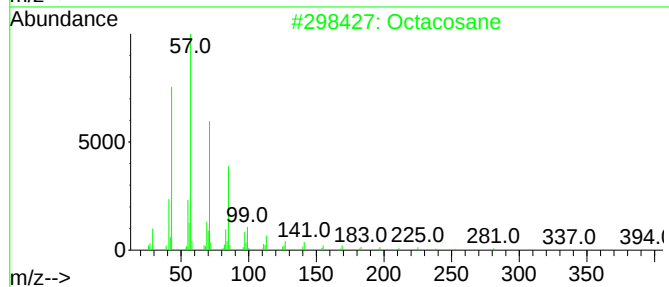
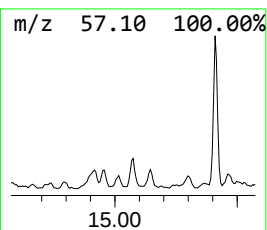
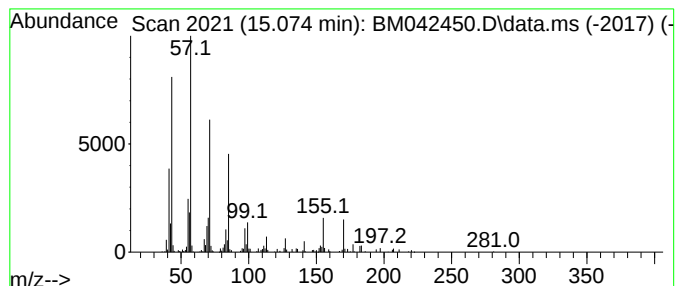
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.074	3.87 ng	332946	Acenaphthene-d10	14.633

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	81
2			Dodecane	170	C12H26	000112-40-3	81
3			Tetracosane	338	C24H50	000646-31-1	81
4			Heneicosane	296	C21H44	000629-94-7	74
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
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ALS Vial : 19 Sample Multiplier: 1

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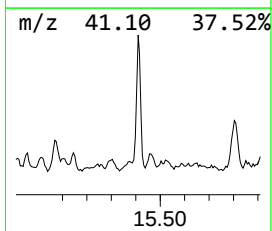
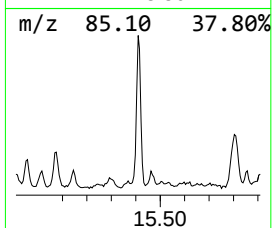
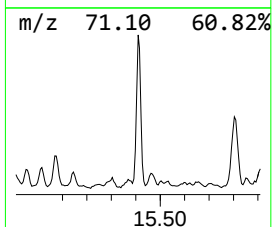
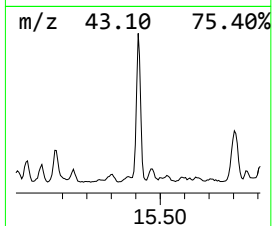
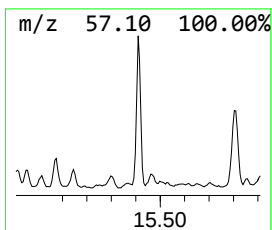
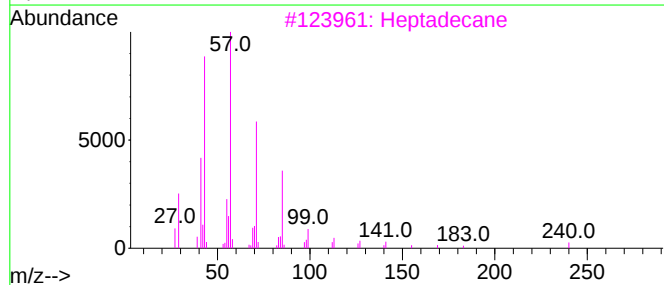
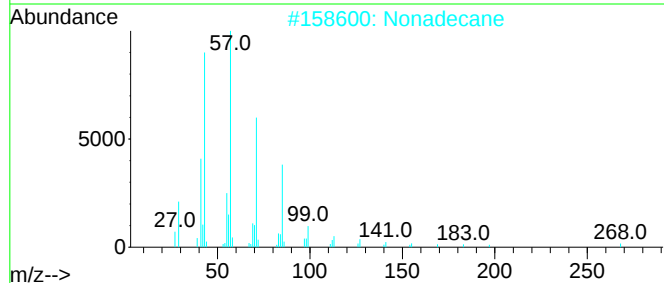
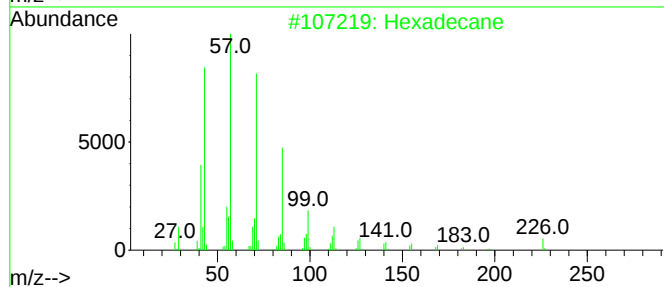
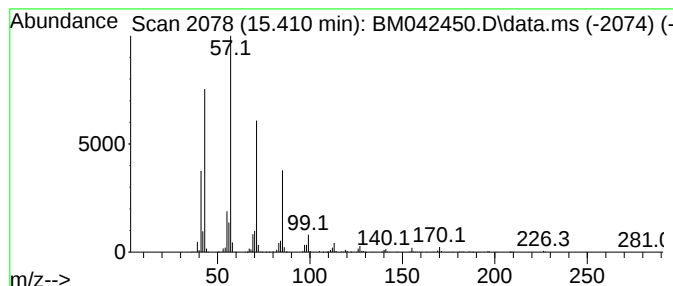
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	5.86 ng	503681	Acenaphthene-d10	14.633

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

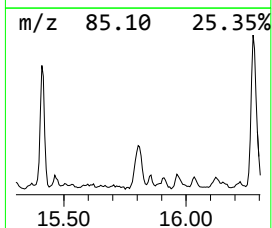
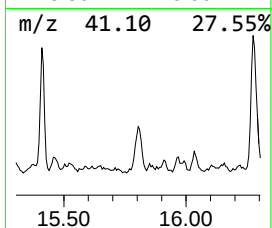
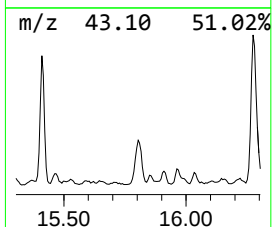
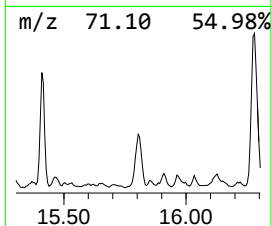
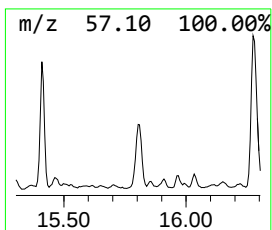
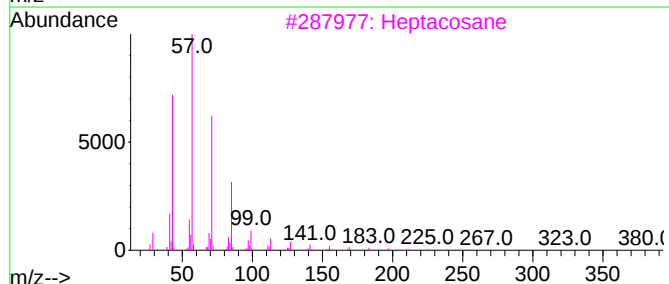
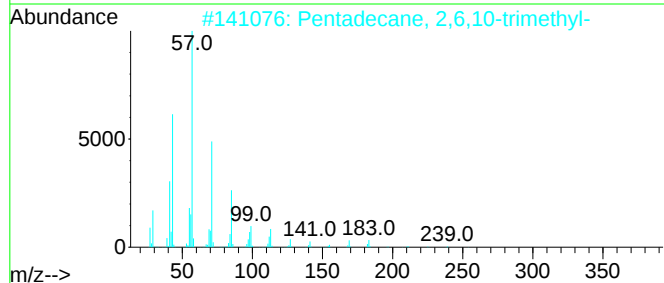
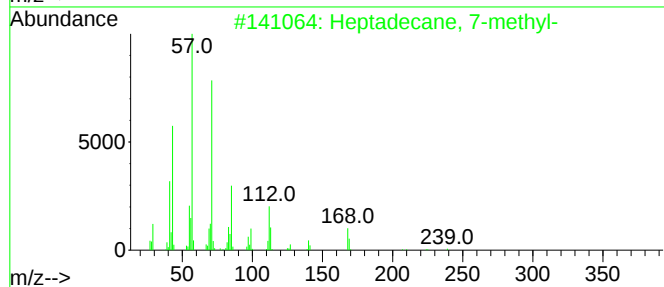
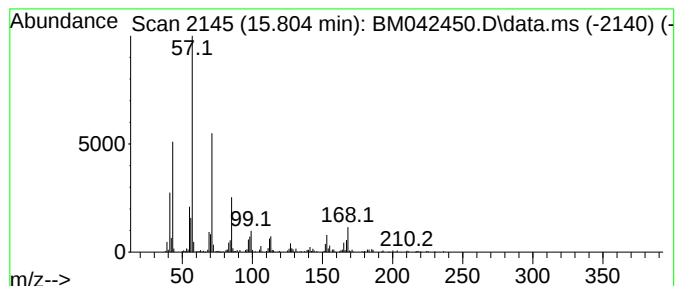
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ClientSampleId :
EO-01-10232023-A

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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 Heptadecane, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.804	4.87 ng	418801	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	62
3	Heptacosane	380	C27H56	000593-49-7	62
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	58
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A

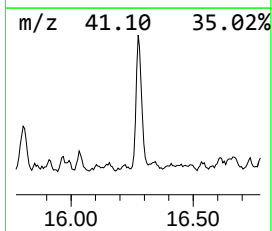
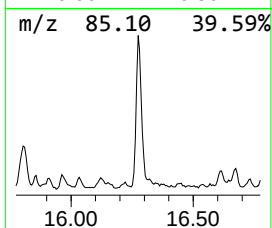
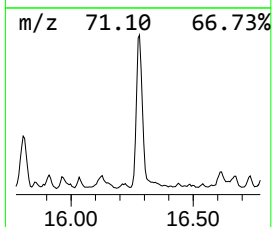
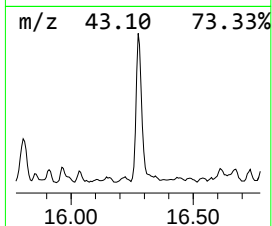
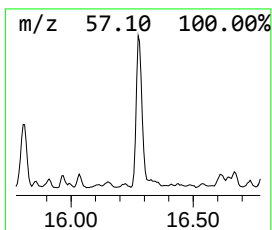
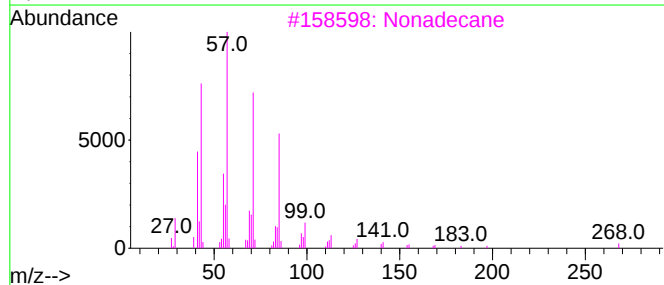
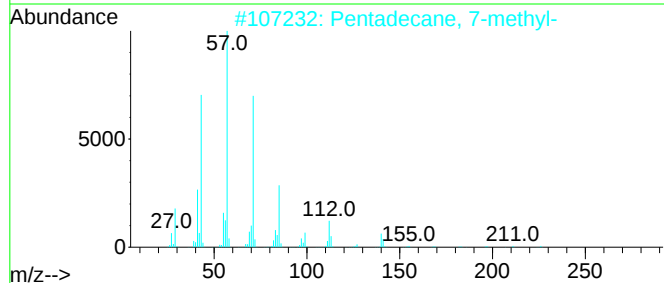
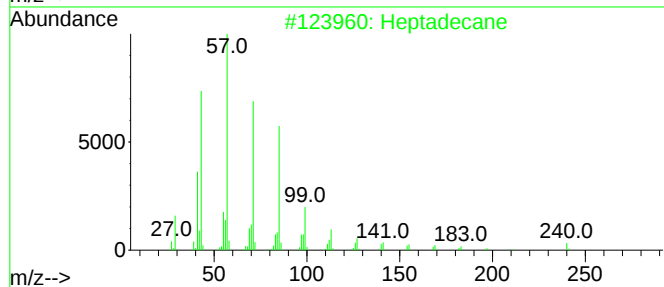
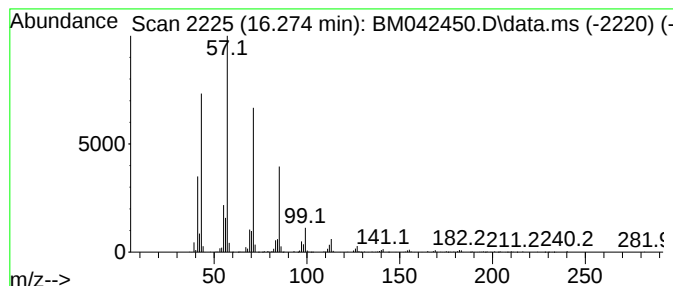
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.274	9.11 ng	939690	Phenanthrene-d10	17.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
3			Nonadecane	268	C19H40	000629-92-5	87
4			Tetradecane	198	C14H30	000629-59-4	86
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A

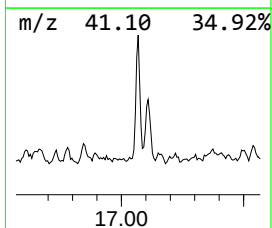
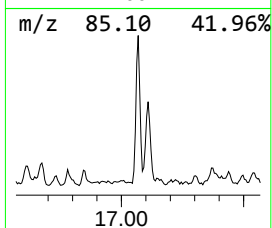
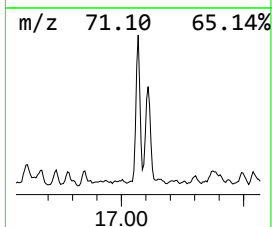
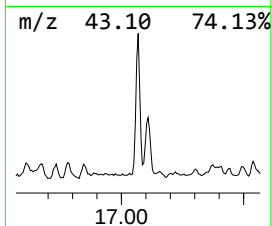
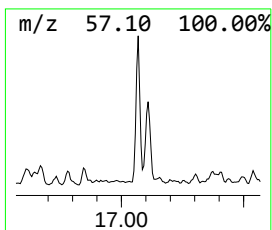
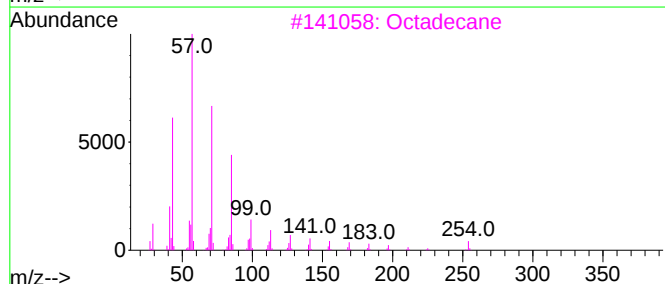
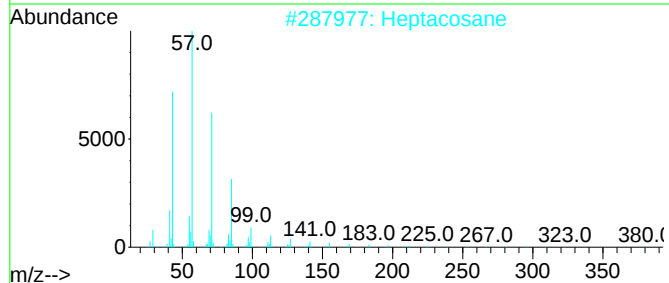
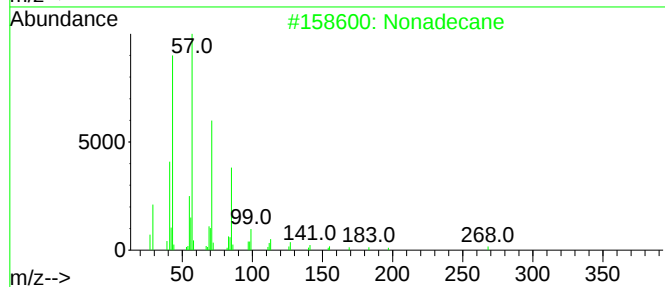
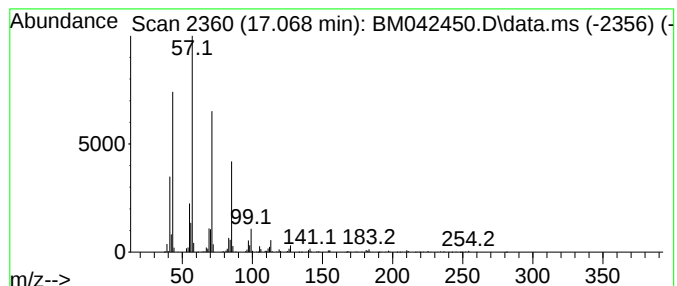
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.068	4.38 ng	451985	Phenanthrene-d10	17.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Octadecane	254	C18H38	000593-45-3	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-10232023-A

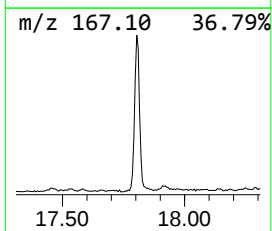
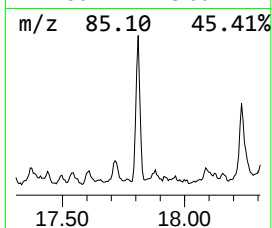
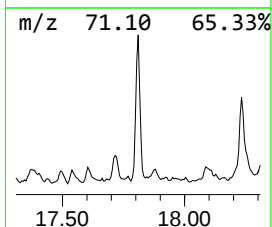
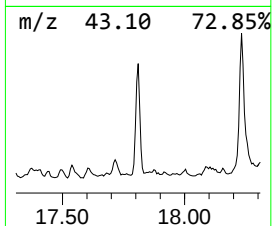
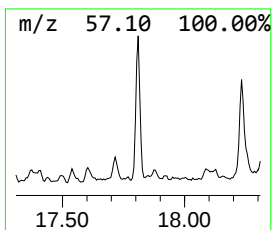
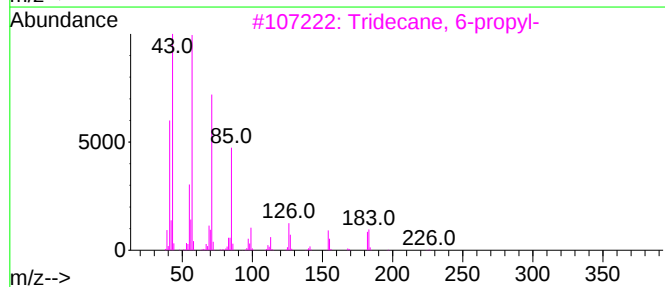
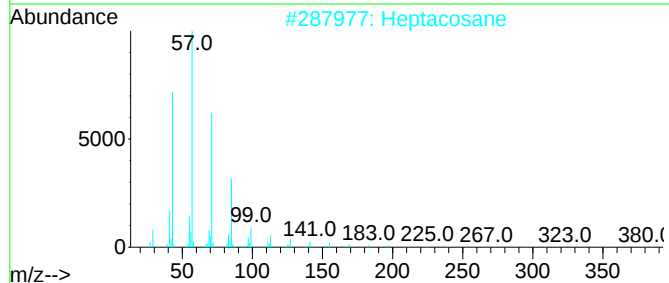
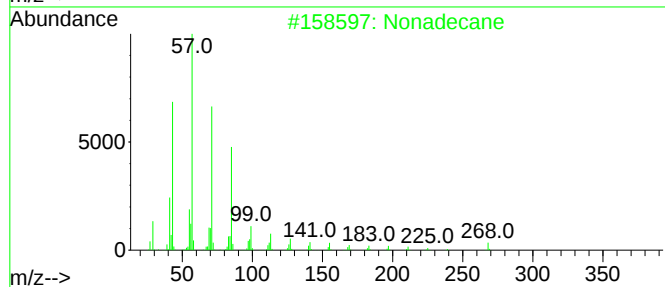
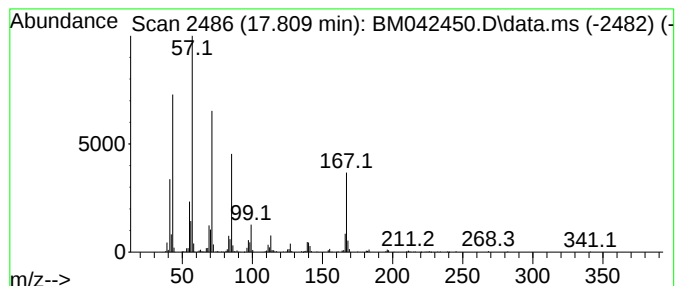
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.810	5.68 ng	585311	Phenanthrene-d10	17.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	97
2			Heptacosane	380	C27H56	000593-49-7	70
3			Tridecane, 6-propyl-	226	C16H34	055045-10-8	70
4			Eicosane	282	C20H42	000112-95-8	70
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-10232023-A

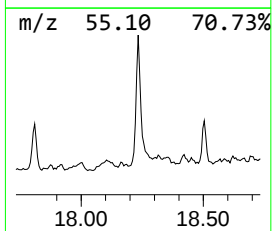
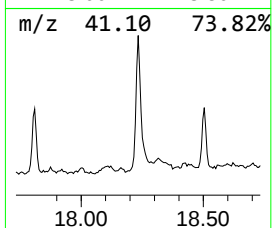
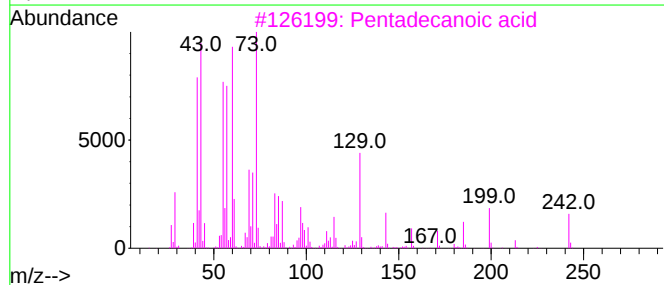
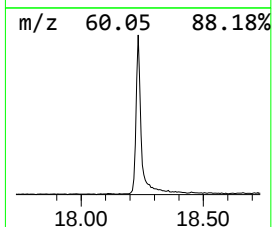
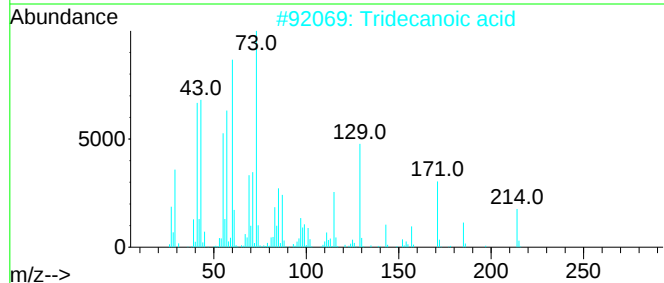
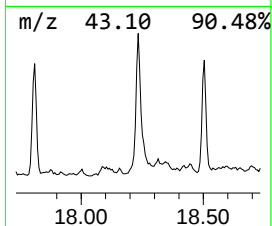
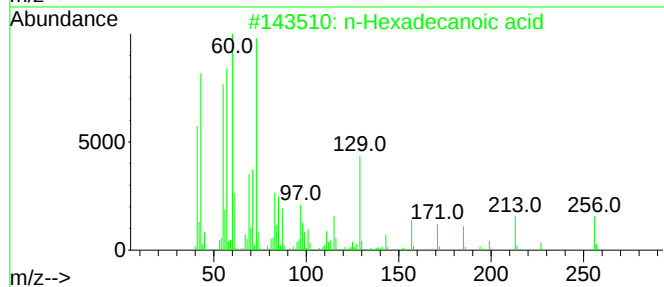
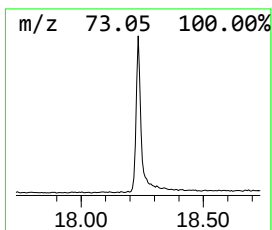
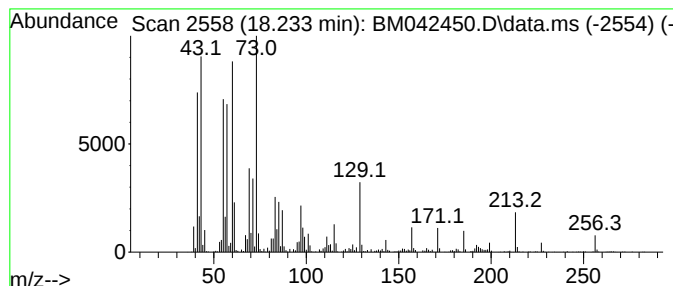
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	14.36 ng	1480520	Phenanthrene-d10	17.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Undecanoic acid	186	C11H22O2	000112-37-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A

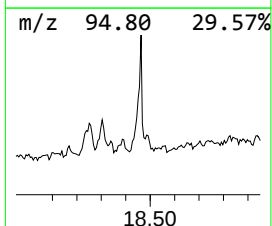
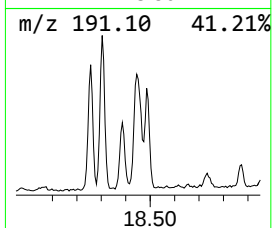
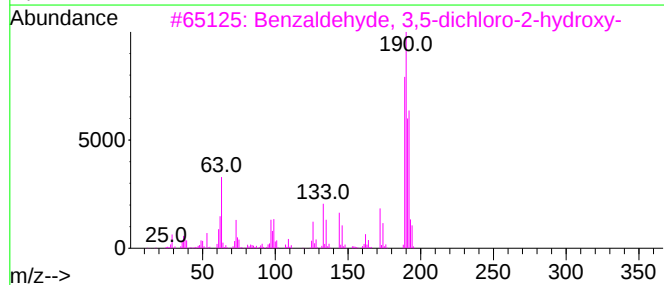
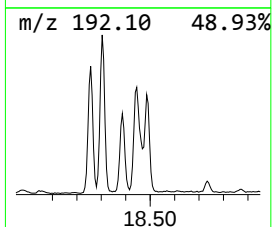
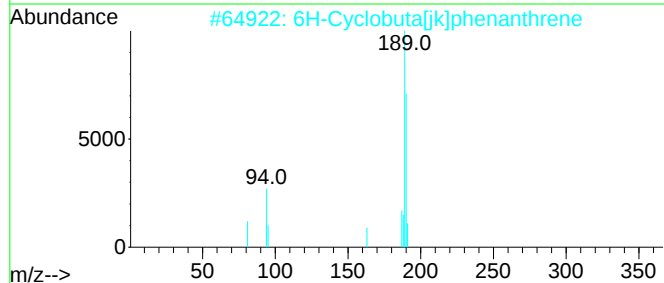
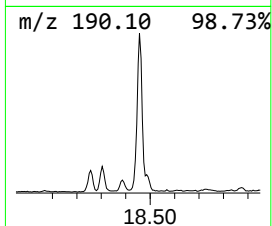
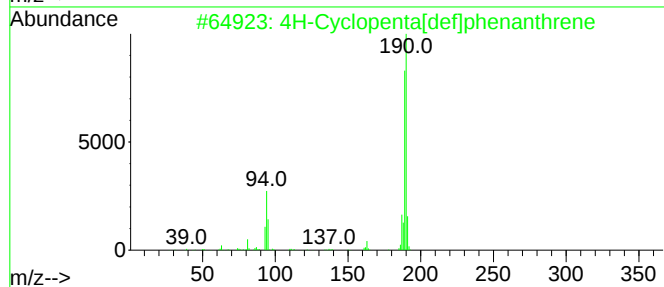
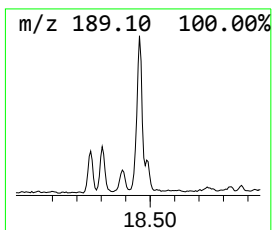
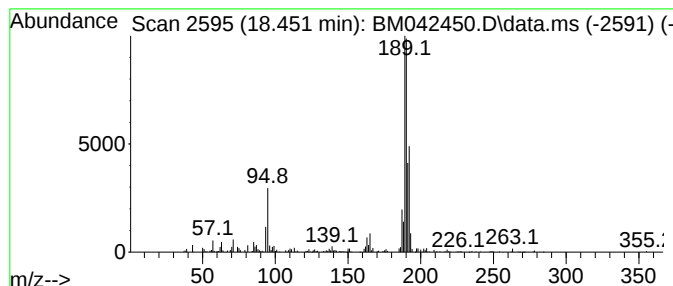
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	5.31 ng	547442	Phenanthrene-d10	17.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
5		Methyl diselenide	190	C2H6Se2	007101-31-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-10232023-A

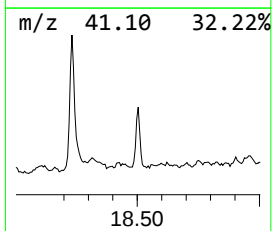
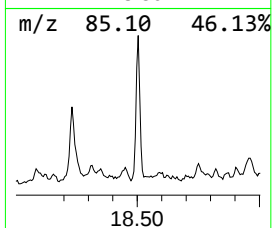
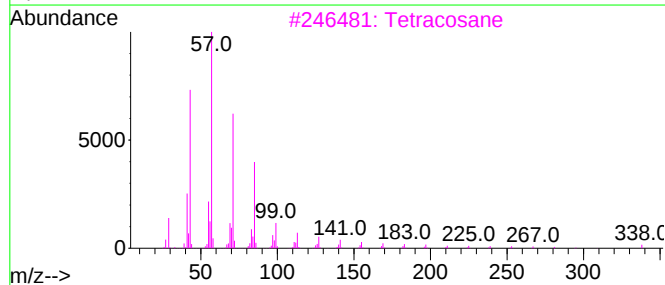
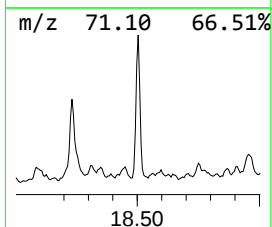
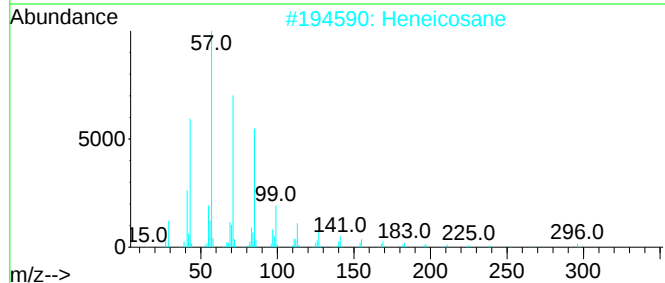
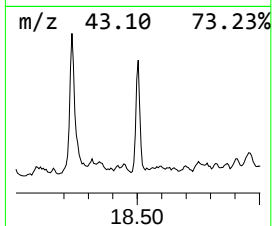
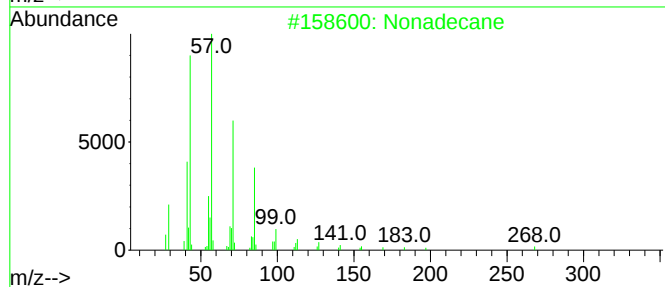
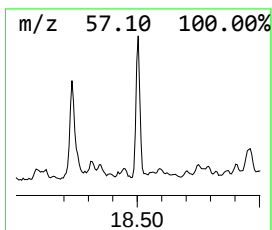
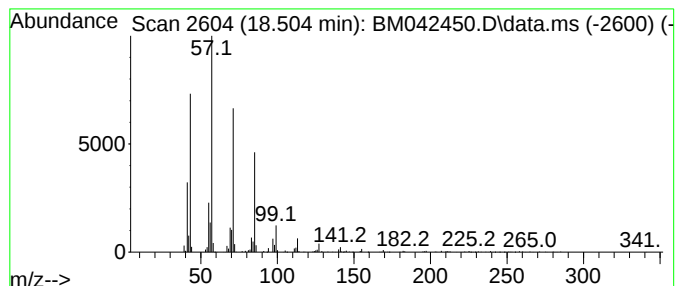
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.504	5.32 ng	548219	Phenanthrene-d10	17.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

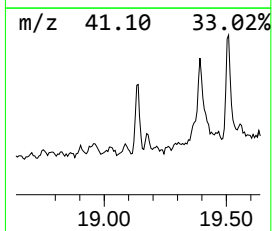
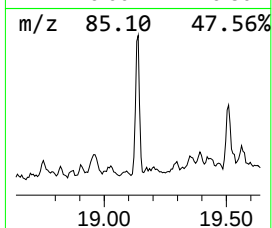
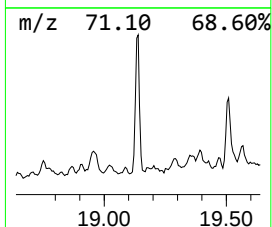
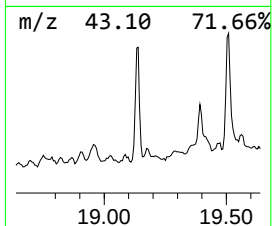
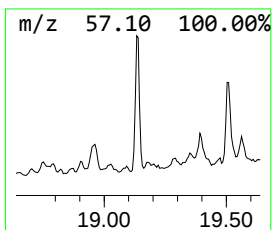
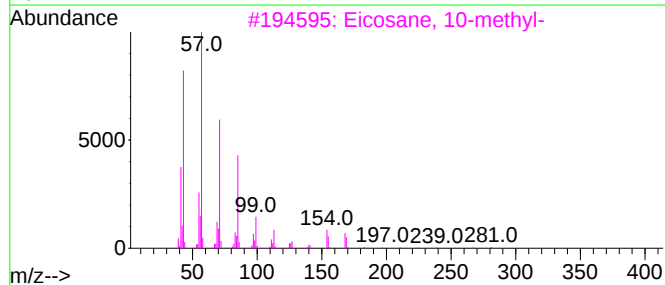
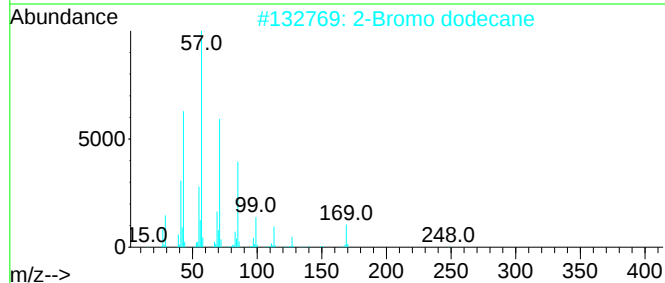
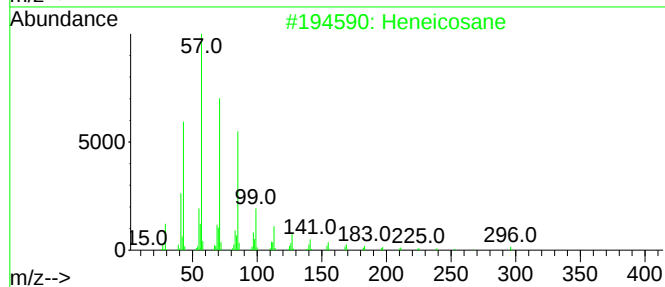
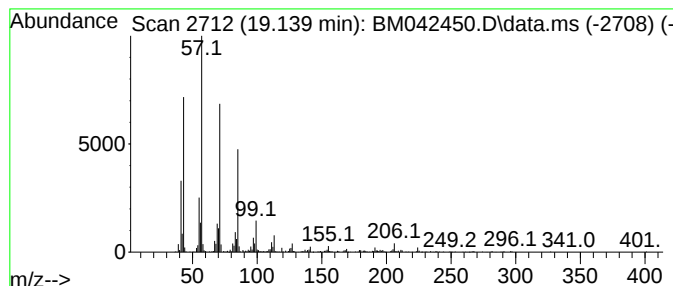
Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Bromo dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.139	5.13 ng	528529	Phenanthrene-d10		17.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	2-Bromo dodecane		248	C12H25Br	013187-99-0	89
3	Eicosane, 10-methyl-		296	C21H44	054833-23-7	87
4	Octacosane		394	C28H58	000630-02-4	87
5	Nonadecane		268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

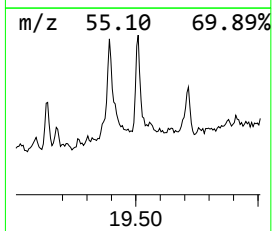
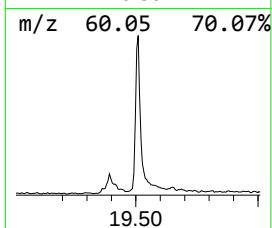
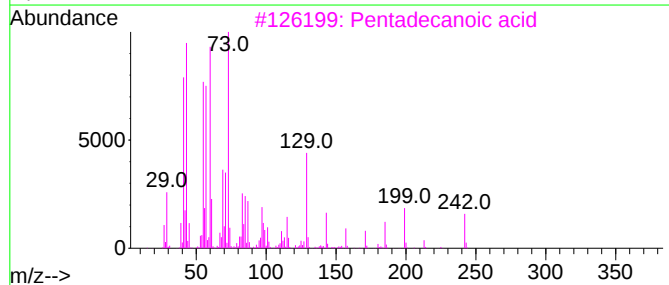
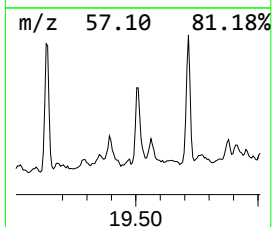
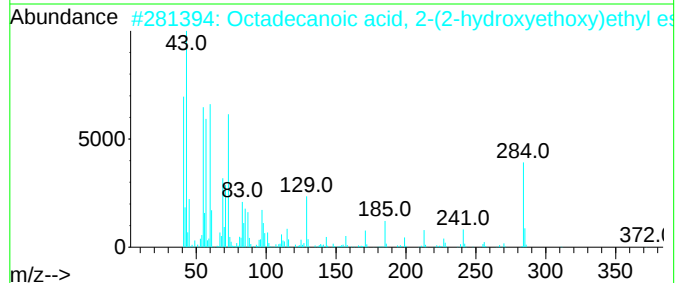
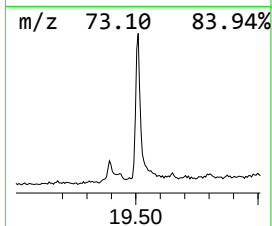
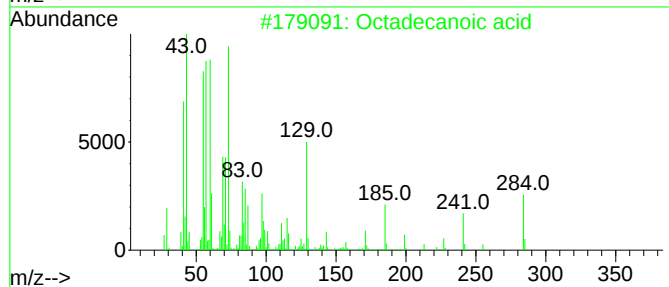
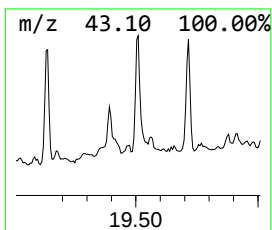
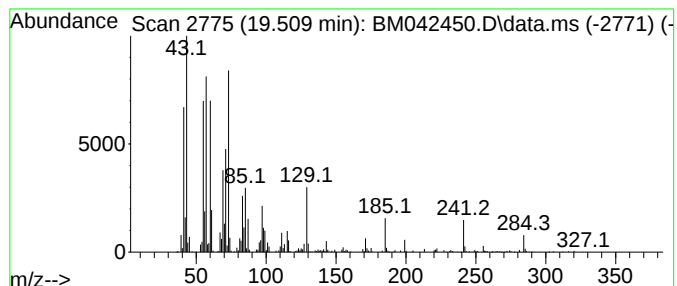
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ClientSampleId :
EO-01-10232023-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.509	6.19 ng	704167	Chrysene-d12	21.568	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A

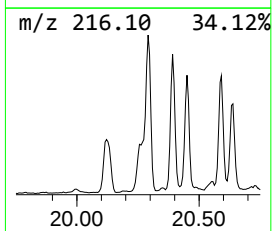
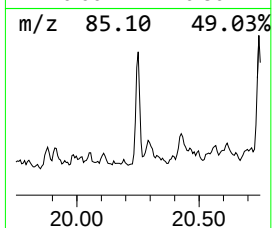
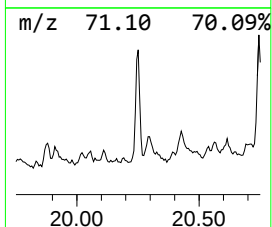
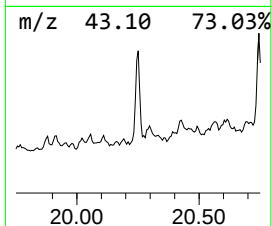
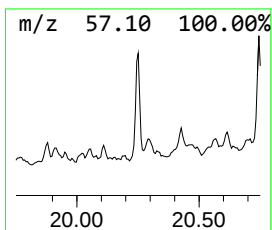
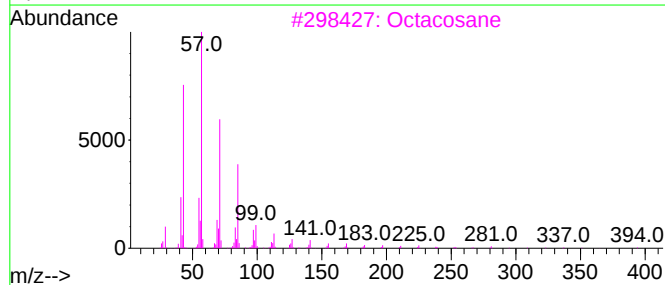
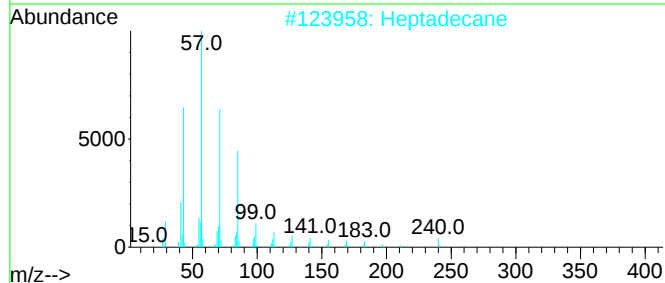
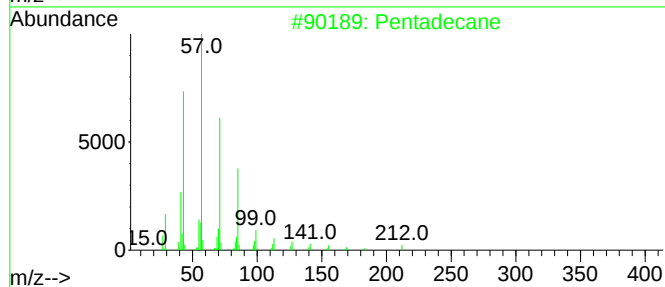
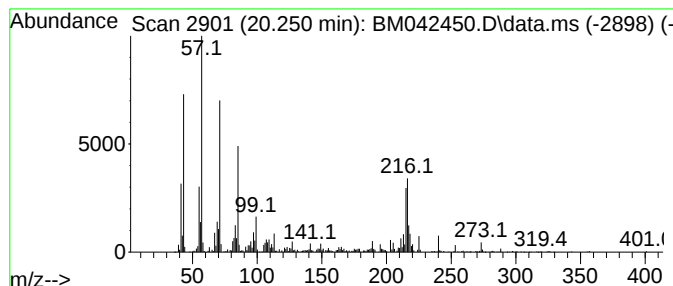
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.250	5.47 ng	621894	Chrysene-d12	21.568

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	93
2		Heptadecane	240	C17H36	000629-78-7	78
3		Octacosane	394	C28H58	000630-02-4	55
4		Hexacosane	366	C26H54	000630-01-3	55
5		Heneicosane	296	C21H44	000629-94-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A

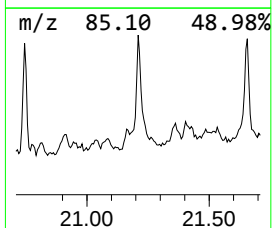
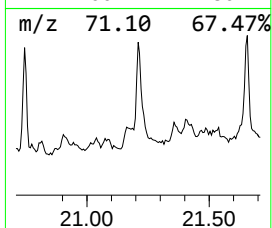
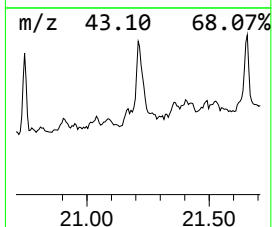
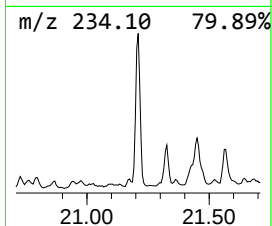
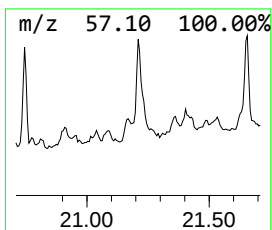
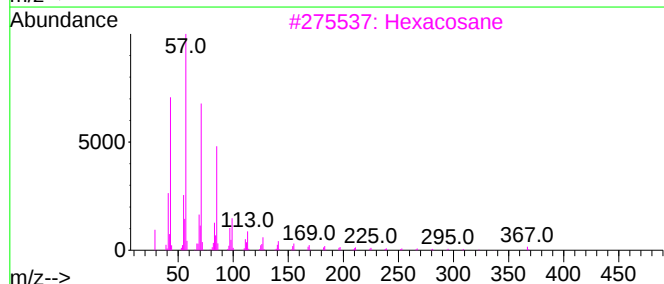
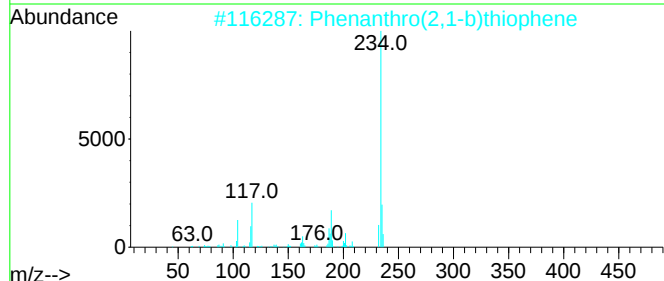
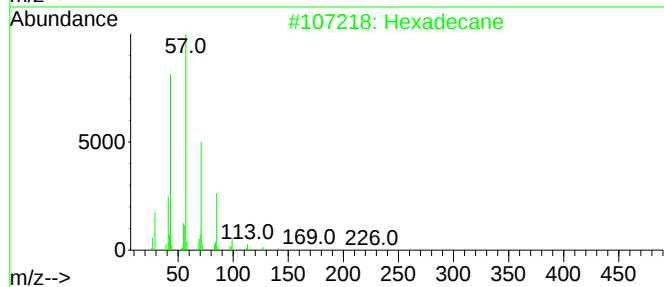
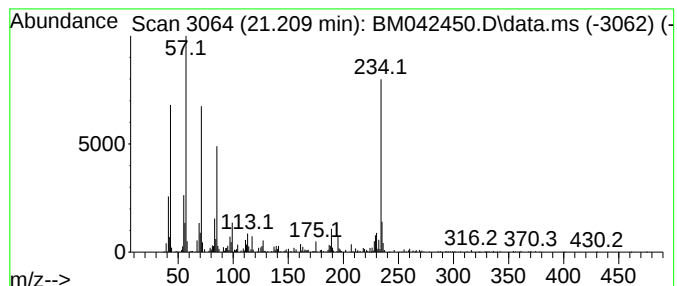
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthro(2,1-b)thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.209	7.87 ng	894821	Chrysene-d12	21.568

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	87
2		Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	50
3		Hexacosane	366	C26H54	000630-01-3	46
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	46
5		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042450.D
Acq On : 25 Oct 2023 22:44
Operator : MA/JU
Sample : 05025-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-10232023-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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
2-Pentanone, 4-...	5.069	6.1	ng	299820	1	7.992	986253	20.0
Dodecane	10.698	4.7	ng	319474	2	10.810	1351610	20.0
Heptadecane, 2,...	10.881	4.8	ng	325871	2	10.810	1351610	20.0
Octane, 2,6-dim...	11.739	3.5	ng	238126	2	10.810	1351610	20.0
Tridecane	12.151	6.1	ng	411569	2	10.810	1351610	20.0
Tetradecane	13.392	6.5	ng	561580	3	14.633	1718500	20.0
Pentadecane	14.463	6.4	ng	549801	3	14.633	1718500	20.0
Octacosane	15.074	3.9	ng	332946	3	14.633	1718500	20.0
Hexadecane	15.410	5.9	ng	503681	3	14.633	1718500	20.0
Heptadecane, 7-...	15.804	4.9	ng	418801	3	14.633	1718500	20.0
Heptadecane	16.274	9.1	ng	939690	4	17.386	2062400	20.0
Nonadecane	17.068	4.4	ng	451985	4	17.386	2062400	20.0
Heptacosane	17.810	5.7	ng	585311	4	17.386	2062400	20.0
n-Hexadecanoic ...	18.233	14.4	ng	1480520	4	17.386	2062400	20.0
4H-Cyclopenta[d...]	18.451	5.3	ng	547442	4	17.386	2062400	20.0
Heneicosane	18.504	5.3	ng	548219	4	17.386	2062400	20.0
2-Bromo dodecane	19.139	5.1	ng	528529	4	17.386	2062400	20.0
Octadecanoic acid	19.509	6.2	ng	704167	5	21.568	2273830	20.0
Hexacosane	20.250	5.5	ng	621894	5	21.568	2273830	20.0
Phenanthro(2,1-...	21.209	7.9	ng	894821	5	21.568	2273830	20.0