

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001664.D
 Acq On : 17 Jan 2020 19:01
 Operator : JU
 Sample : L1142-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.799	335	342	351	rVV	268579	451148	8.38%	0.338%
2	4.887	351	357	363	rVV2	353831	602948	11.20%	0.452%
3	5.116	392	396	405	rVB	242008	401698	7.46%	0.301%
4	5.263	412	421	432	rBV	1000493	1538859	28.59%	1.155%
5	5.475	448	457	463	rBV2	243863	430472	8.00%	0.323%
6	5.552	463	470	474	rBV3	322901	612845	11.39%	0.460%
7	5.628	477	483	487	rVB2	321695	499444	9.28%	0.375%
8	5.687	487	493	501	rVB3	222167	529654	9.84%	0.397%
9	5.763	501	506	516	rBV	411713	698602	12.98%	0.524%
10	5.946	528	537	544	rBV2	1020649	2445618	45.44%	1.835%
11	6.069	550	558	564	rVB2	614434	1281768	23.81%	0.962%
12	6.158	567	573	579	rVB3	1013016	1793470	33.32%	1.346%
13	6.222	579	584	588	rBV4	288185	648689	12.05%	0.487%
14	6.299	589	597	600	rBV3	780815	1808176	33.59%	1.357%
15	6.340	600	604	609	rVB	2113671	3184042	59.15%	2.389%
16	6.422	614	618	623	rVB2	519574	803232	14.92%	0.603%
17	6.475	623	627	634	rVB4	623420	1079075	20.05%	0.810%
18	6.552	634	640	641	rBV3	821186	1263398	23.47%	0.948%
19	6.622	647	652	657	rBV5	197107	450942	8.38%	0.338%
20	6.758	669	675	677	rBV2	699940	1125297	20.91%	0.844%
21	6.793	677	681	686	rVV3	2217203	4391547	81.59%	3.295%
22	6.840	686	689	694	rVB	1043093	1541699	28.64%	1.157%
23	6.934	699	705	708	rBV	284087	529064	9.83%	0.397%
24	6.981	708	713	718	rVV4	479182	850880	15.81%	0.638%
25	7.034	718	722	726	rVB2	766554	1150675	21.38%	0.863%
26	7.081	726	730	732	rBV2	251841	385998	7.17%	0.290%
27	7.140	732	740	743	rBV4	791707	1982461	36.83%	1.487%
28	7.181	743	747	750	rVV3	1021929	1672810	31.08%	1.255%
29	7.216	750	753	764	rVB3	1066358	2990537	55.56%	2.244%
30	7.328	764	772	776	rBV4	558768	1665904	30.95%	1.250%
31	7.369	776	779	784	rVB3	697542	1053759	19.58%	0.791%
32	7.469	791	796	805	rVB3	823570	2000780	37.17%	1.501%
33	7.558	805	811	813	rBV2	1006556	1832212	34.04%	1.375%
34	7.640	819	825	830	rVB2	2279639	4777946	88.77%	3.585%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.734	834	841	845	rVV4	765618	1868330	34.71%	1.402%
36	7.775	845	848	851	rVV2	267077	414566	7.70%	0.311%
37	7.852	851	861	865	rVV3	1580392	3971111	73.78%	2.979%
38	7.922	869	873	883	rVV5	1910489	5382649	100.00%	4.038%
39	8.005	883	887	891	rVB	803709	1088699	20.23%	0.817%
40	8.099	898	903	908	rBV2	930974	1586290	29.47%	1.190%
41	8.163	911	914	917	rVV2	492086	790819	14.69%	0.593%
42	8.205	917	921	928	rVB	1562699	2544099	47.26%	1.909%
43	8.346	937	945	951	rBV2	773402	1632804	30.33%	1.225%
44	8.410	952	956	959	rBV5	256745	432212	8.03%	0.324%
45	8.469	959	966	970	rVV2	1237703	2364450	43.93%	1.774%
46	8.522	970	975	985	rVB6	767104	2165825	40.24%	1.625%
47	8.628	989	993	999	rBV5	340549	799308	14.85%	0.600%
48	8.752	1004	1014	1018	rBV6	1301155	4367914	81.15%	3.277%
49	8.846	1025	1030	1035	rBV3	702799	1122382	20.85%	0.842%
50	8.969	1045	1051	1053	rBV3	1034870	1948493	36.20%	1.462%
51	9.057	1062	1066	1068	rBV	403710	619859	11.52%	0.465%
52	9.087	1068	1071	1073	rVV	278980	413524	7.68%	0.310%
53	9.234	1092	1096	1102	rVV4	241543	505902	9.40%	0.380%
54	9.299	1102	1107	1111	rVV2	1045650	1648283	30.62%	1.237%
55	9.352	1112	1116	1123	rVB2	1316867	2129726	39.57%	1.598%
56	9.422	1123	1128	1134	rBV2	381043	717252	13.33%	0.538%
57	9.534	1140	1147	1149	rBV3	484674	946070	17.58%	0.710%
58	9.563	1149	1152	1156	rVV	787329	1302325	24.19%	0.977%
59	9.610	1156	1160	1169	rVB4	1378853	2984306	55.44%	2.239%
60	9.893	1204	1208	1212	rVB4	375358	630906	11.72%	0.473%
61	10.034	1227	1232	1241	rVB3	519911	1073293	19.94%	0.805%
62	10.134	1243	1249	1253	rBV2	308492	627916	11.67%	0.471%
63	10.299	1273	1277	1280	rBV	407511	537519	9.99%	0.403%
64	10.334	1280	1283	1287	rVB	288903	358562	6.66%	0.269%
65	10.410	1287	1296	1303	rBV7	547766	1808659	33.60%	1.357%
66	10.469	1303	1306	1310	rVB2	299077	431407	8.01%	0.324%
67	10.546	1316	1319	1325	rVB5	263013	476465	8.85%	0.357%
68	10.610	1325	1330	1333	rVV	411706	608239	11.30%	0.456%
69	10.651	1333	1337	1344	rVB5	236001	520128	9.66%	0.390%
70	10.922	1379	1383	1388	rBV3	377258	563536	10.47%	0.423%
71	11.104	1410	1414	1416	rBV3	317127	446107	8.29%	0.335%

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72	11.134	1417	1419	1424	rVB2	438212	542392	10.08%	0.407%
73	11.475	1471	1477	1493	rBV2	837823	1672444	31.07%	1.255%
74	12.081	1576	1580	1590	rVB2	210499	456597	8.48%	0.343%
75	12.898	1713	1719	1734	rVB	1173398	1793663	33.32%	1.346%
76	14.281	1946	1954	1960	rBV	412647	647995	12.04%	0.486%
77	14.345	1960	1965	1973	rVB	368692	536154	9.96%	0.402%
78	14.687	2014	2023	2031	rVV	269739	427404	7.94%	0.321%
79	15.339	2125	2134	2139	rBV2	443552	647895	12.04%	0.486%
80	15.781	2203	2209	2218	rBV2	813786	1234830	22.94%	0.926%
81	17.045	2418	2424	2427	rBV	380193	566243	10.52%	0.425%
82	17.092	2427	2432	2437	rVV	2446584	3347043	62.18%	2.511%
83	17.175	2437	2446	2452	rVB	678019	1013539	18.83%	0.760%
84	17.451	2483	2493	2498	rBV2	272279	450131	8.36%	0.338%
85	18.110	2600	2605	2609	rVV2	337360	587768	10.92%	0.441%
86	18.328	2637	2642	2647	rBV2	282391	367798	6.83%	0.276%
87	18.510	2668	2673	2683	rVB	682521	895983	16.65%	0.672%
88	19.075	2762	2769	2774	rBV	2297388	3005840	55.84%	2.255%
89	19.422	2819	2828	2837	rVV	1807590	3181369	59.10%	2.387%
90	19.627	2859	2863	2867	rVV	1271307	1405376	26.11%	1.054%
91	19.910	2907	2911	2915	rVB	348104	430251	7.99%	0.323%
92	20.004	2923	2927	2931	rBV	329140	411948	7.65%	0.309%
93	21.139	3111	3120	3125	rBV3	1142171	2154667	40.03%	1.617%
94	21.186	3125	3128	3138	rVB	884439	1090367	20.26%	0.818%
95	22.721	3382	3389	3400	rBV	629703	1984891	36.88%	1.489%
96	23.192	3463	3469	3477	rVB	394215	771371	14.33%	0.579%
97	23.292	3479	3486	3494	rVV	600715	1265592	23.51%	0.949%
98	23.380	3496	3501	3506	rVV	269621	549847	10.22%	0.413%
99	25.645	3877	3886	3897	rVB	285731	850186	15.79%	0.638%
100	26.327	3994	4002	4018	rVB2	223145	696420	12.94%	0.522%

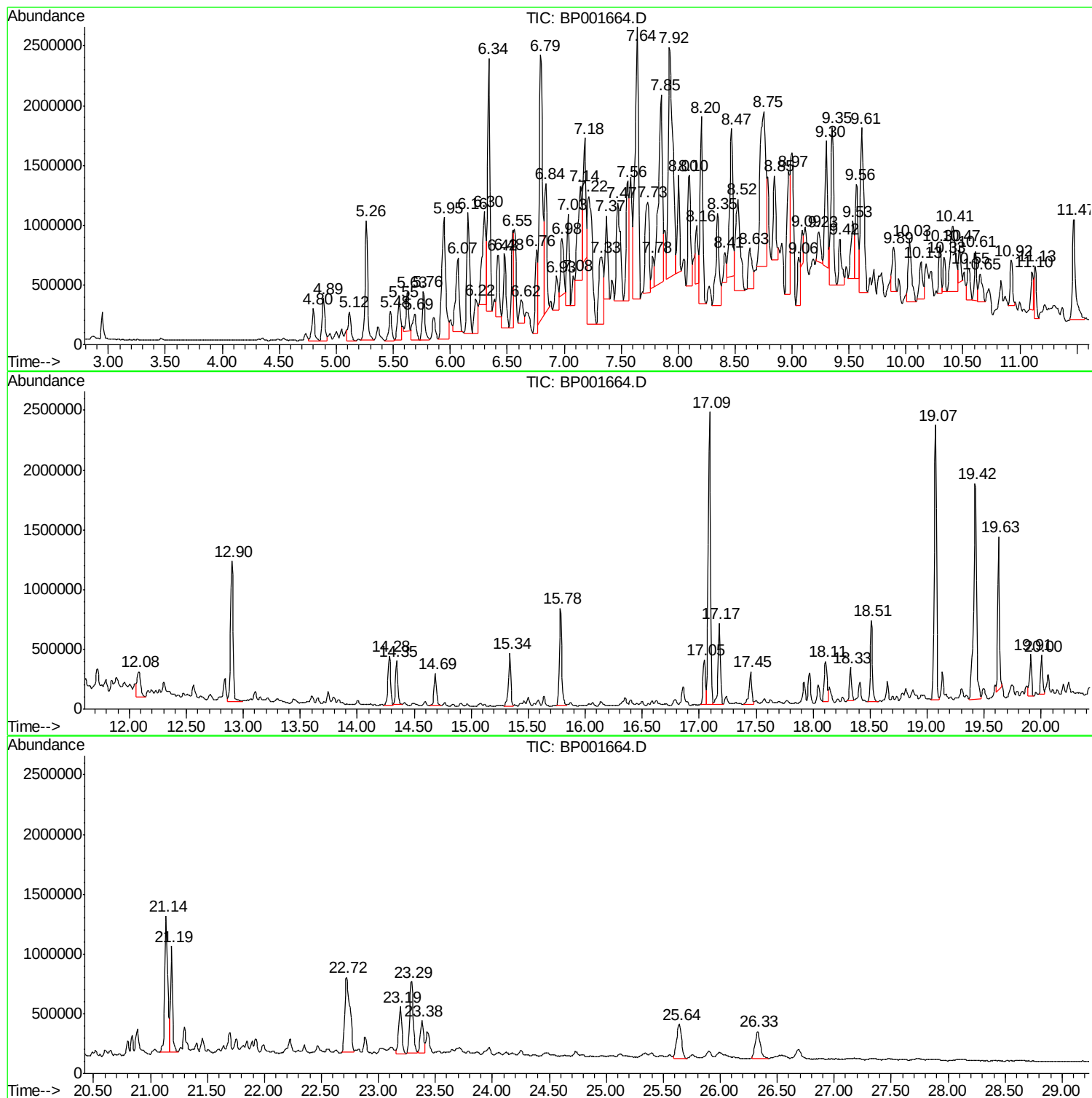
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :
SS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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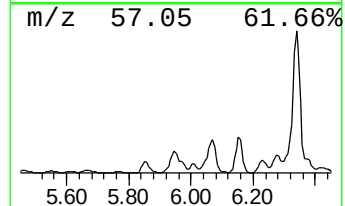
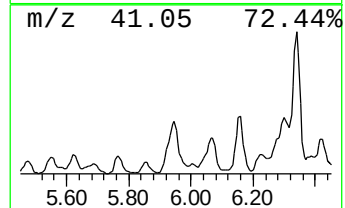
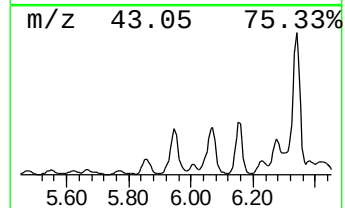
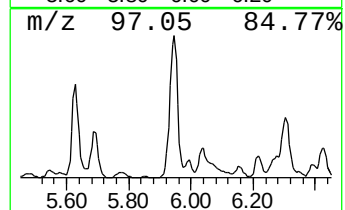
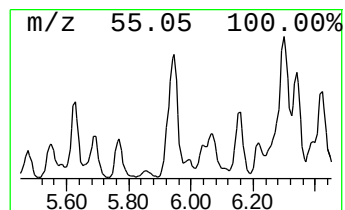
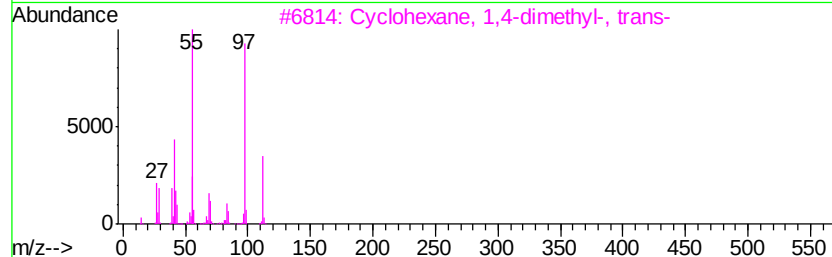
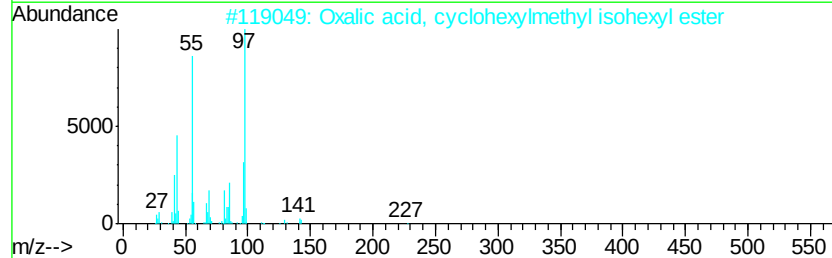
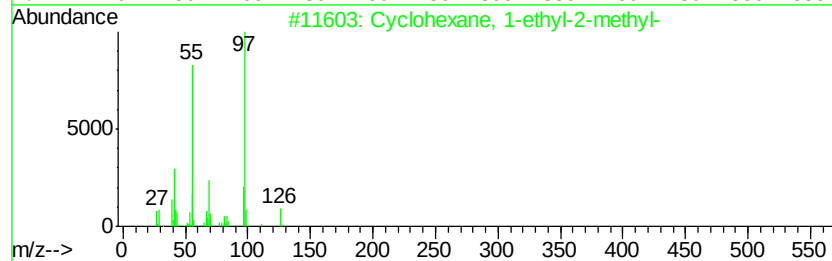
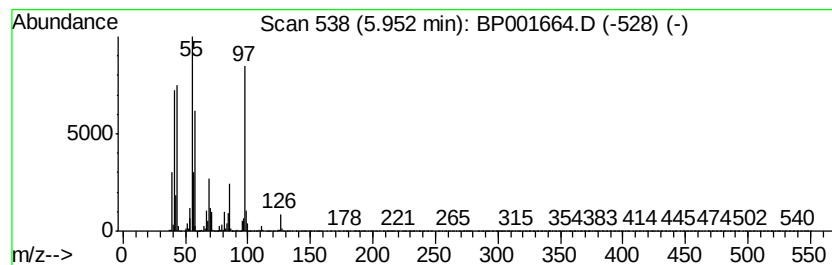
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	10.24 ng	2445620	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	76
2		Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	64
3		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
5		2-Aziridinone, 1-tert-butyl-3-(1...	223	C14H25NO	026944-18-3	59



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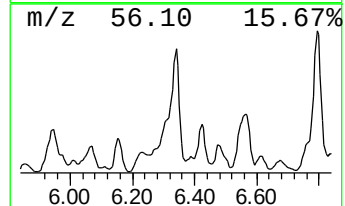
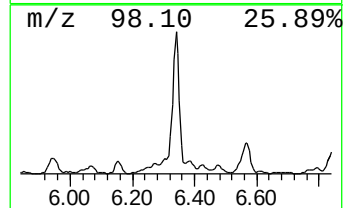
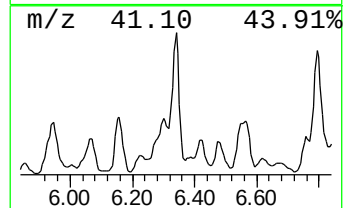
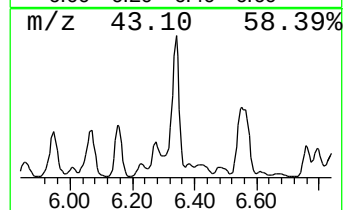
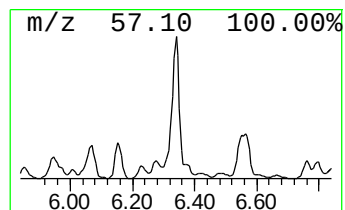
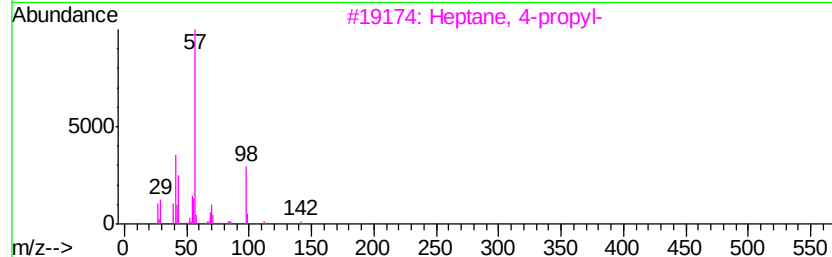
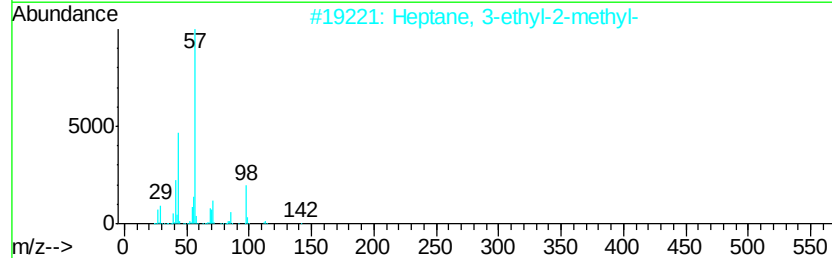
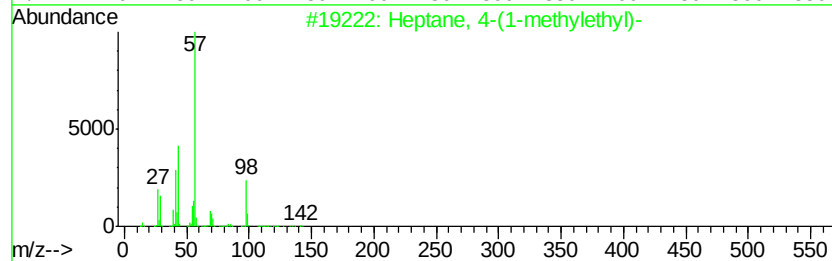
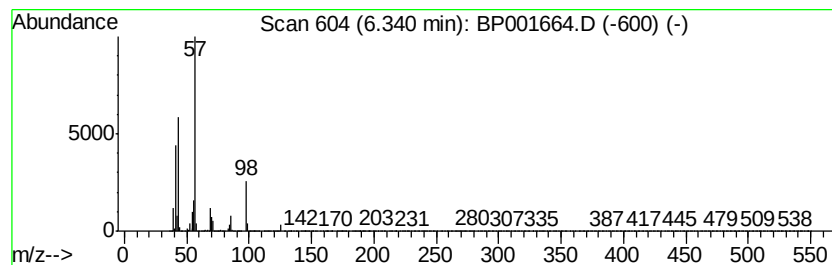
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 2 Heptane, 4-(1-methylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	13.33 ng	3184040	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	80
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
3		Heptane, 4-propyl-	142	C10H22	003178-29-8	64
4		Undecane, 6-methyl-	170	C12H26	017302-33-9	59
5		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	58



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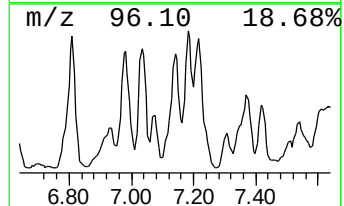
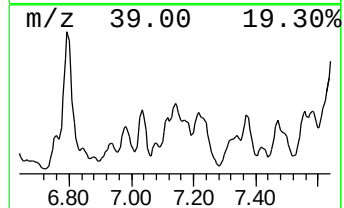
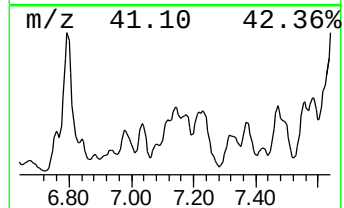
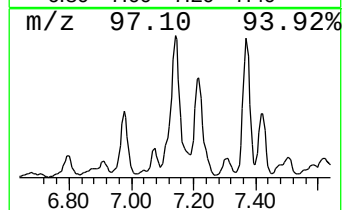
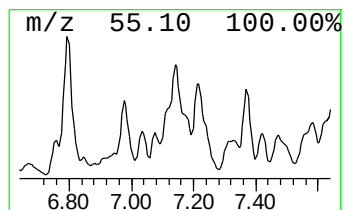
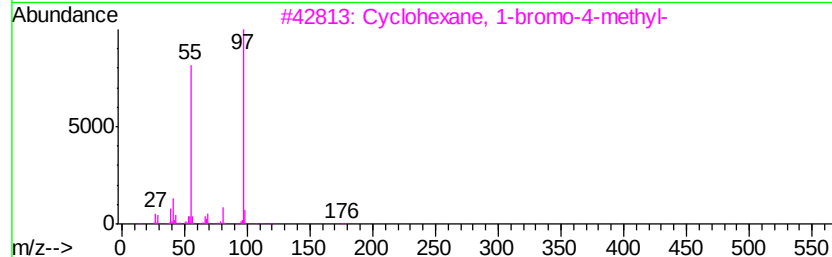
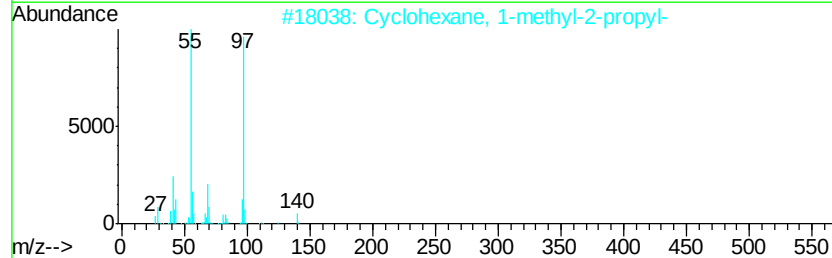
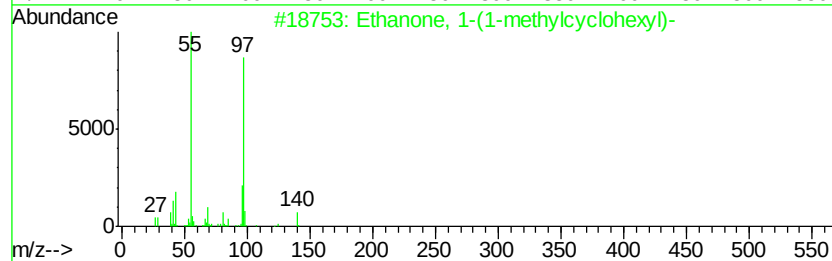
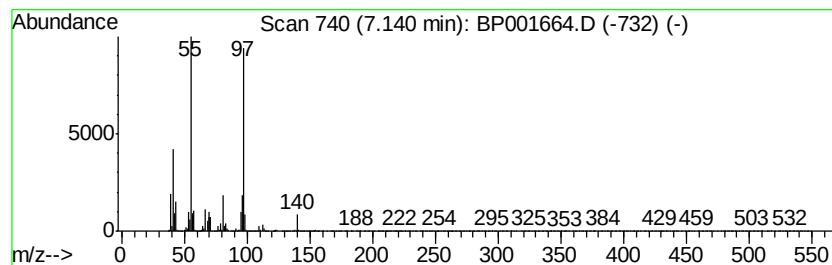
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Peak Number 3 Ethanone, 1-(1-methylcyclohexyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	8.30 ng	1982460	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
2		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	72
3		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	72
4		Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	64
5		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001664.D
Acq On : 17 Jan 2020 19:01
Operator : JU
Sample : L1142-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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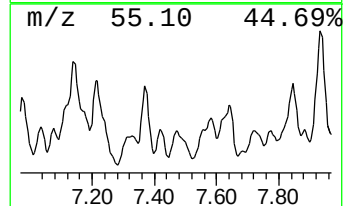
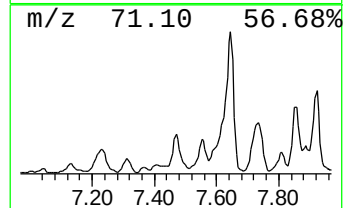
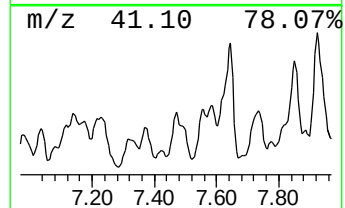
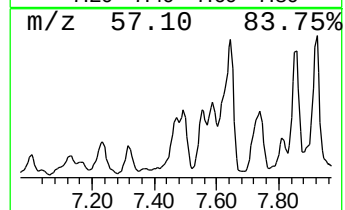
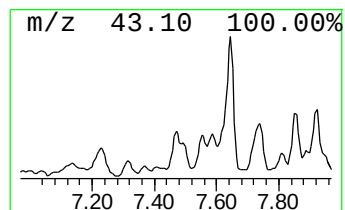
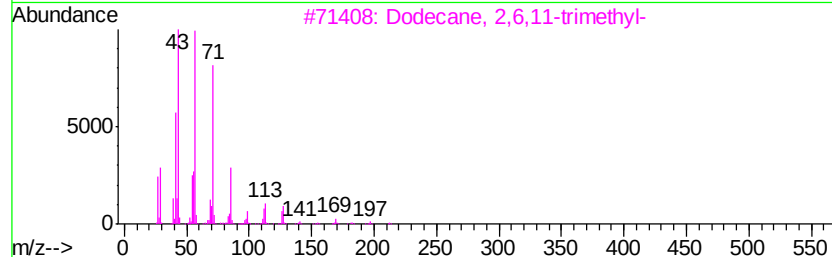
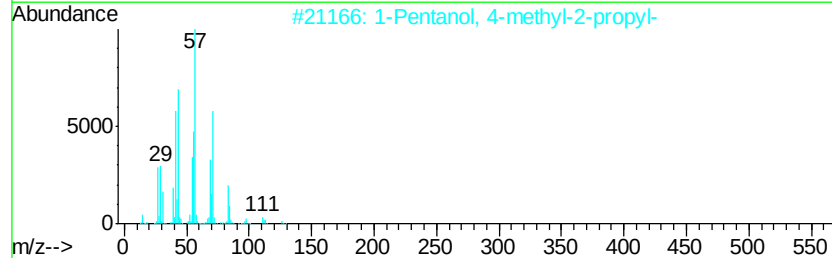
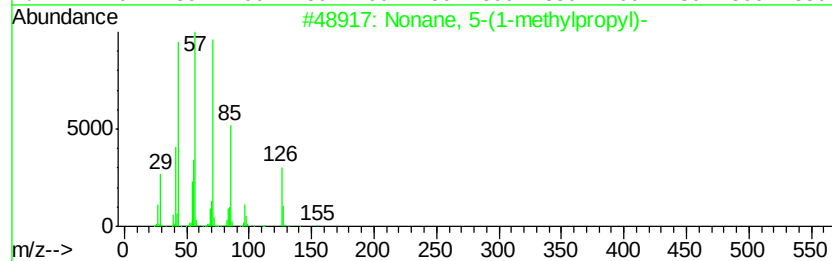
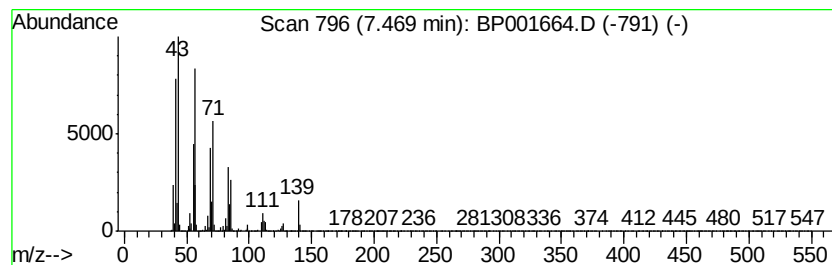
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Nonane, 5-(1-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	8.38 ng	2000780	1,4-Dichlorobenzene-d4	7.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	50
2		1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	50
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49
4		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	47
5		Ether, hexyl pentyl	172	C11H24O	032357-83-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001664.D
Acq On : 17 Jan 2020 19:01
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ClientSampleId :
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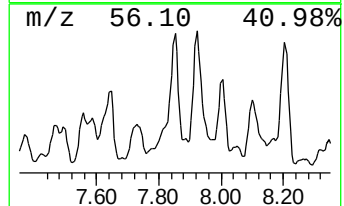
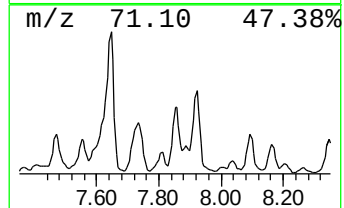
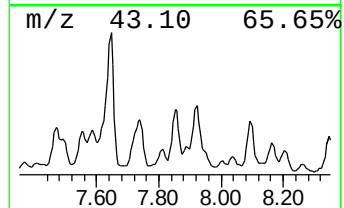
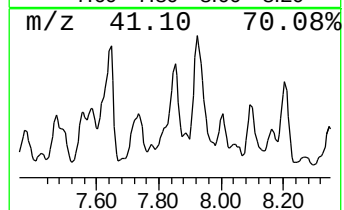
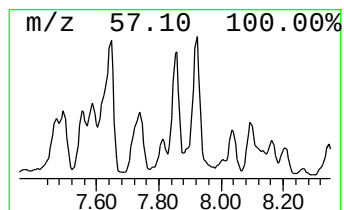
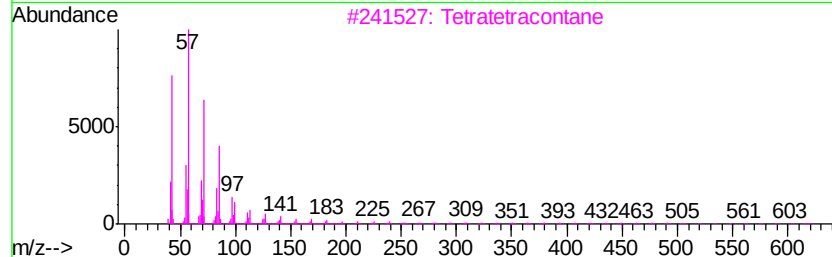
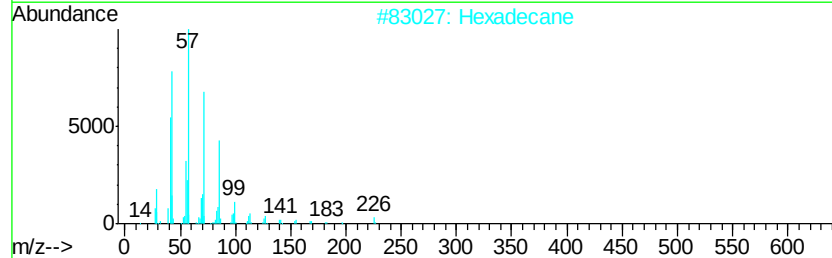
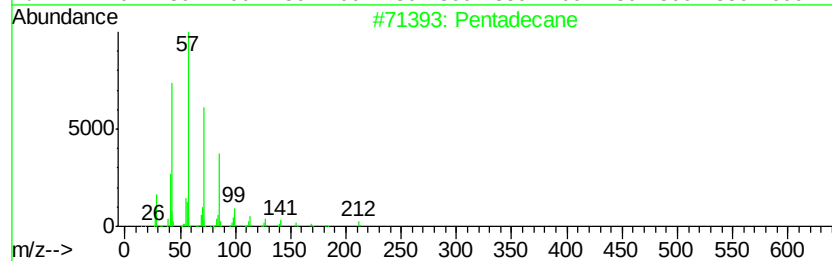
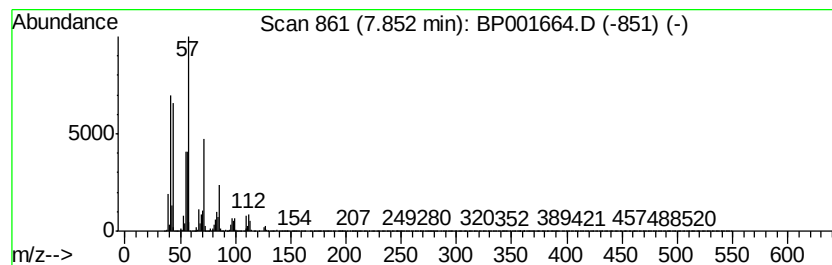
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	16.62 ng	3971110	1,4-Dichlorobenzene-d4	7.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	70
2	Hexadecane		226	C16H34	000544-76-3	70
3	Tetratetracontane		619	C44H90	007098-22-8	58
4	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	58
5	Hexatriacontane		507	C36H74	000630-06-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001664.D
Acq On : 17 Jan 2020 19:01
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Sample : L1142-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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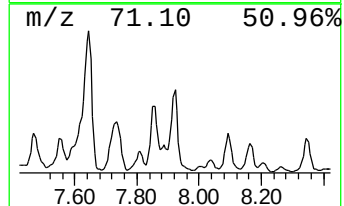
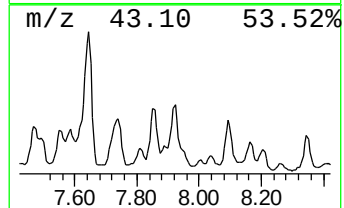
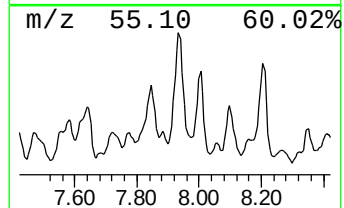
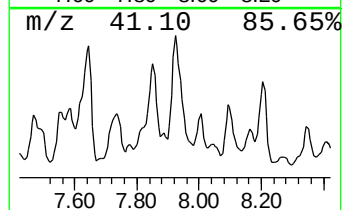
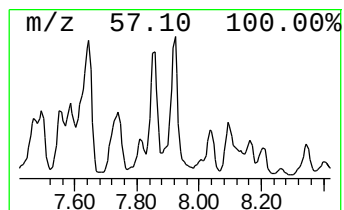
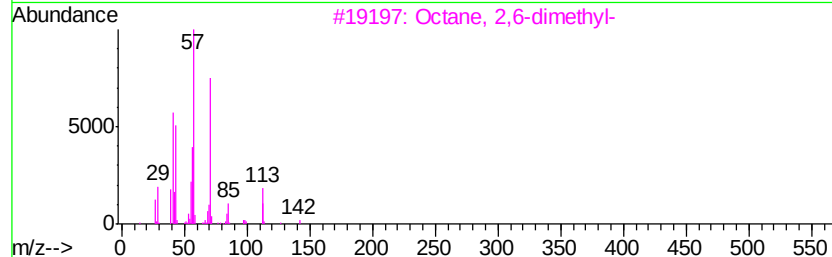
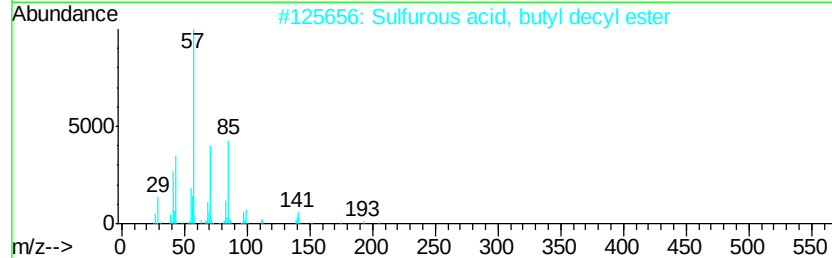
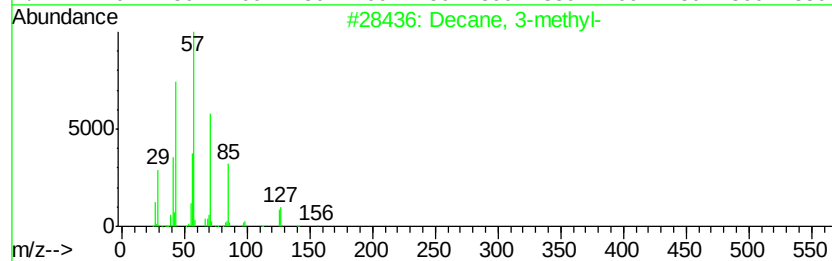
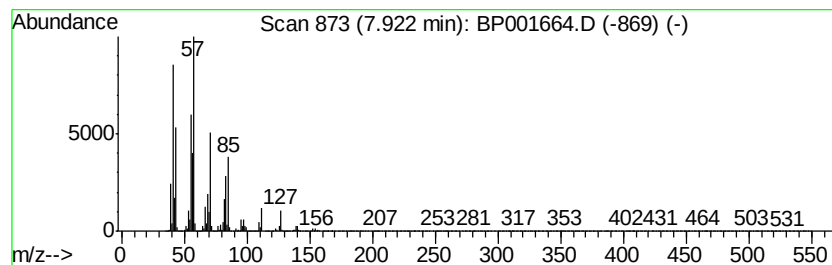
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Decane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	22.53 ng	5382650	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	76
2		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	43
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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Misc :
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ClientSampleId :
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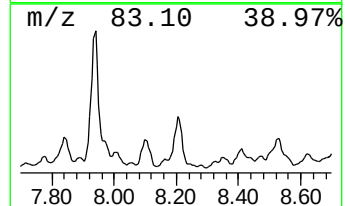
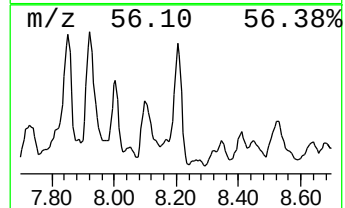
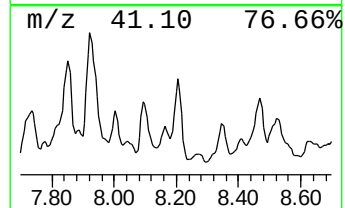
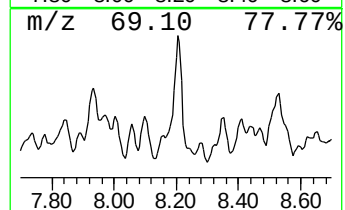
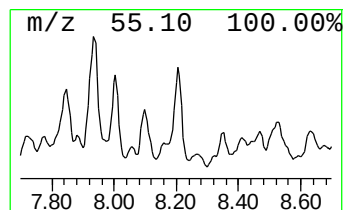
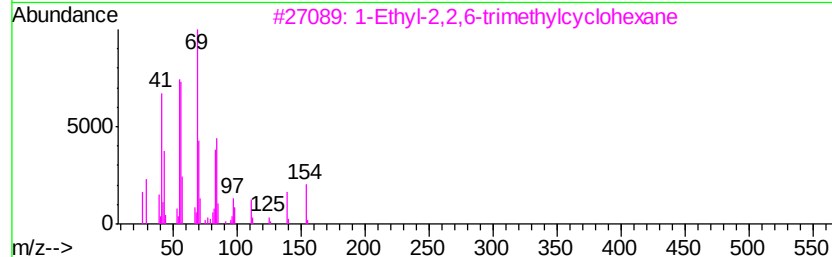
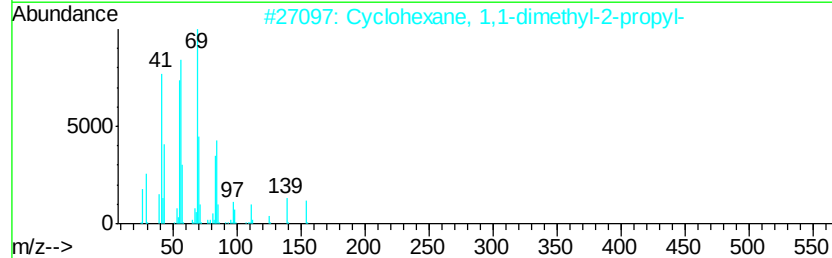
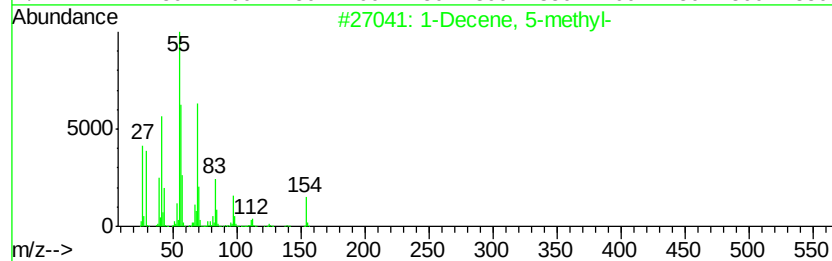
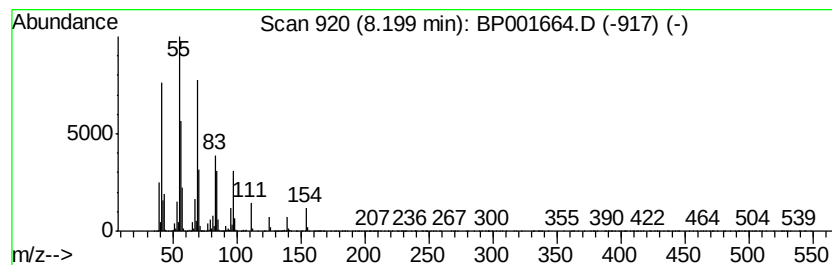
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Decene, 5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	10.65 ng	2544100	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decene, 5-methyl-	154	C11H22	054244-79-0	80
2		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	70
3		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	68
4		5-Undecene	154	C11H22	004941-53-1	64
5		3-Undecene, (E)-	154	C11H22	001002-68-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001664.D
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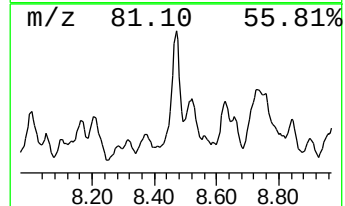
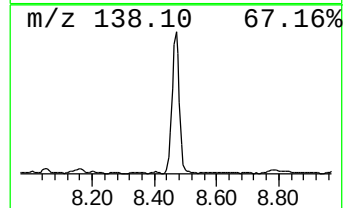
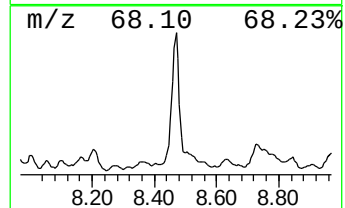
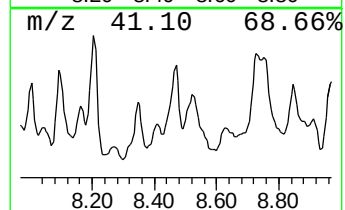
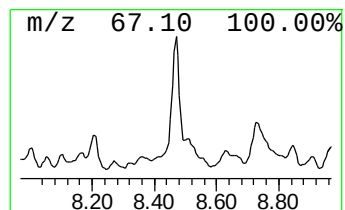
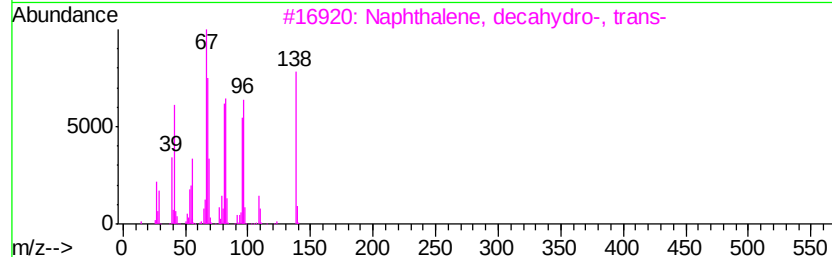
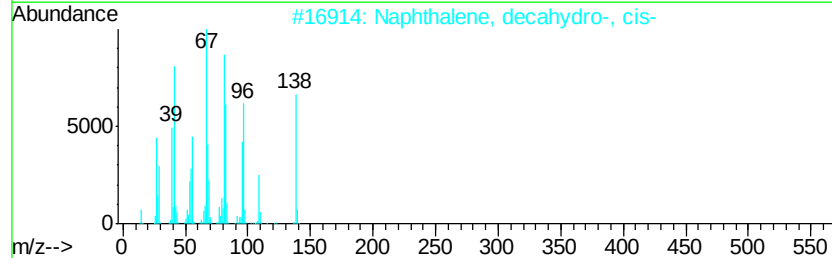
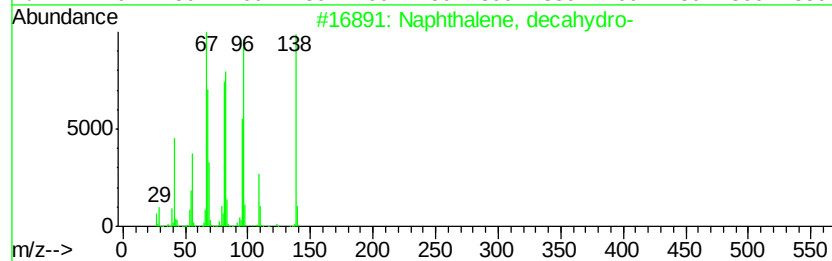
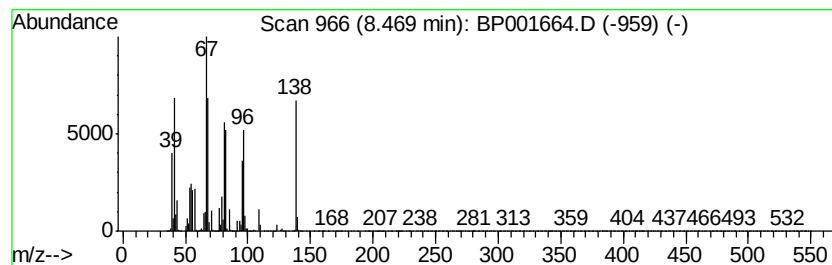
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, decahydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	9.90 ng	2364450	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
2		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
3		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	80
4		Spiro[4.5]decane	138	C10H18	000176-63-6	68
5		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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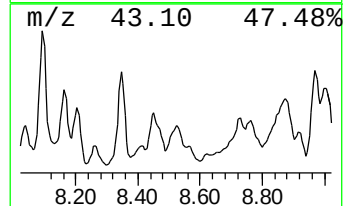
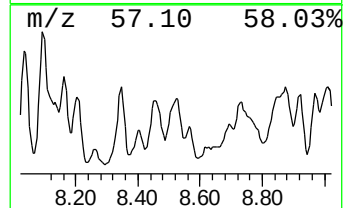
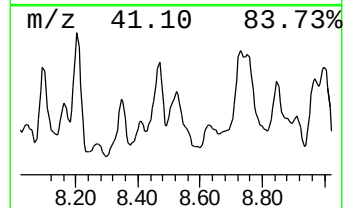
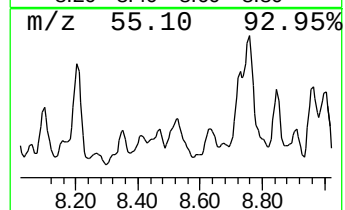
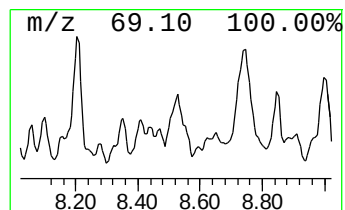
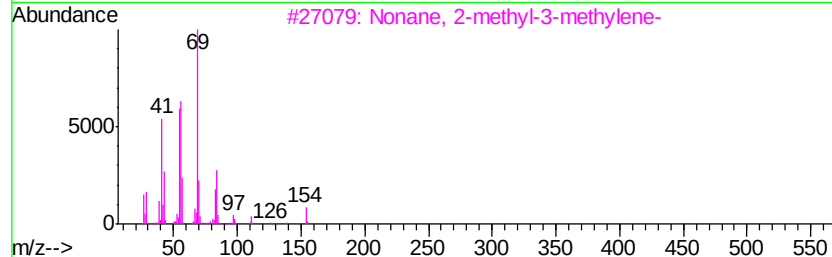
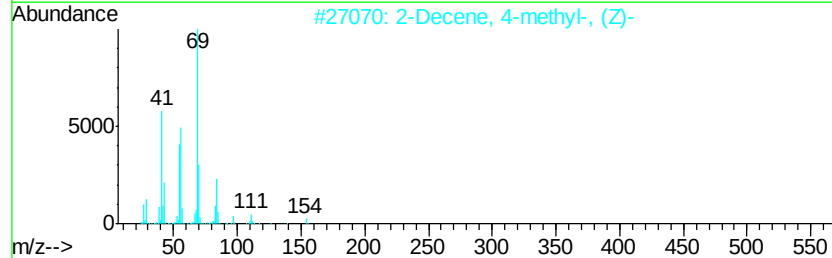
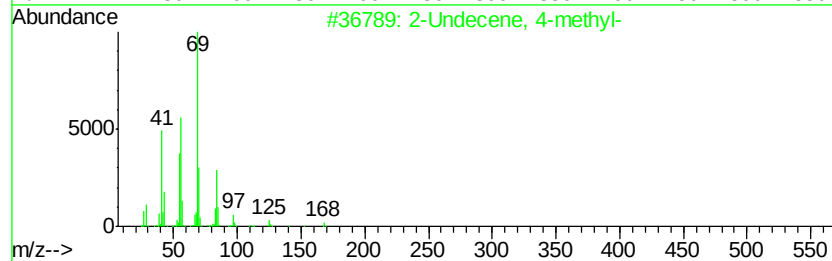
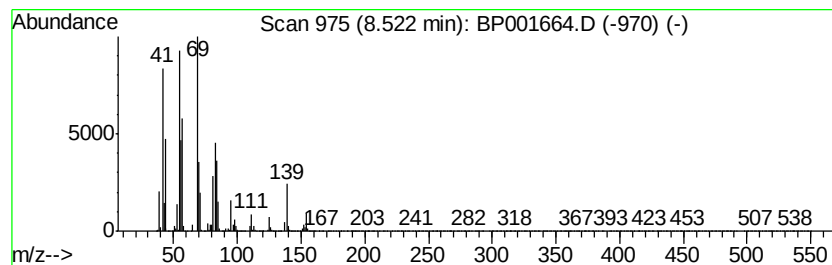
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 2-Undecene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	9.07 ng	2165830	1,4-Dichlorobenzene-d4	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Undecene, 4-methyl-	168	C12H24	091695-32-8	50
2			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	50
3			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	47
4			1-Decene, 5-methyl-	154	C11H22	054244-79-0	47
5			1-Pentene, 3-methyl-	84	C6H12	000760-20-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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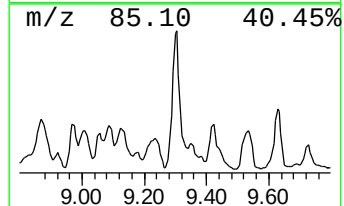
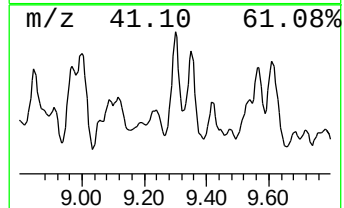
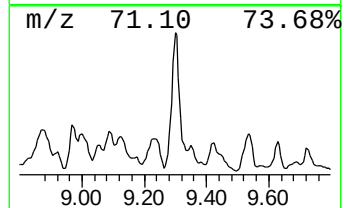
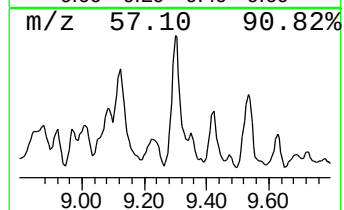
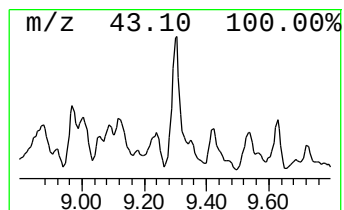
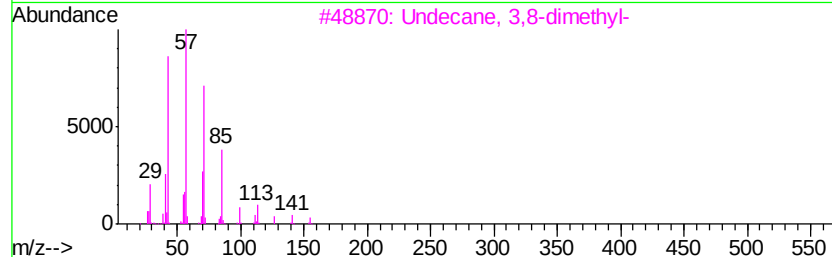
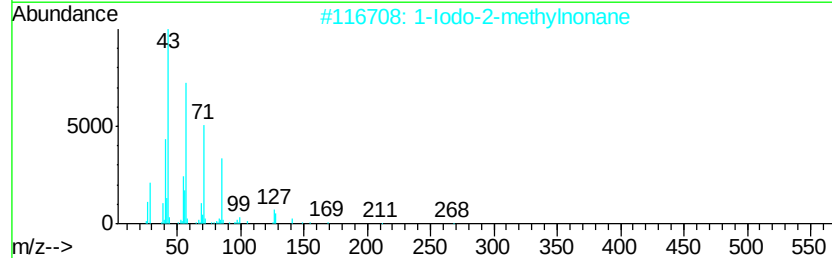
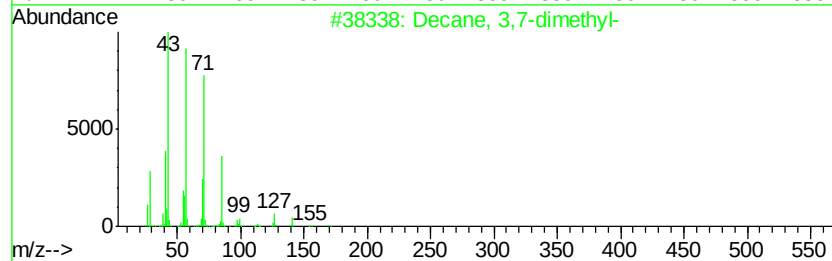
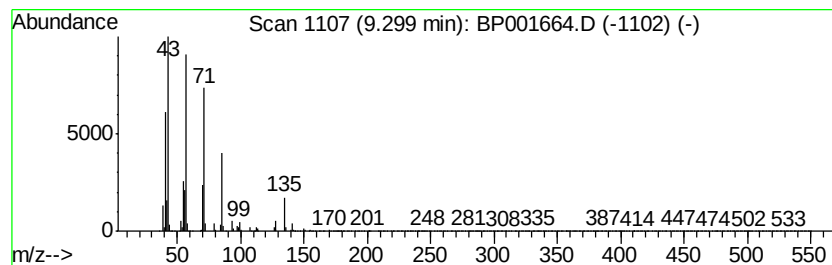
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Decane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	18.23 ng	1648280	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80
3		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
4		Hexadecane	226	C16H34	000544-76-3	72
5		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001664.D
Acq On : 17 Jan 2020 19:01
Operator : JU
Sample : L1142-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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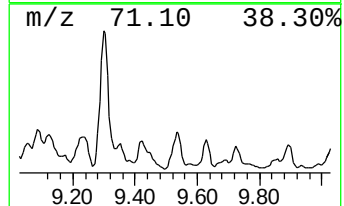
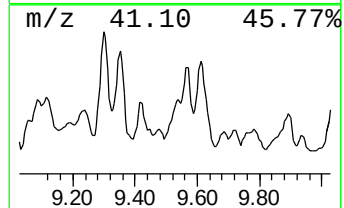
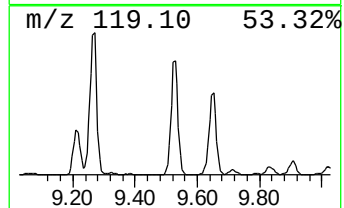
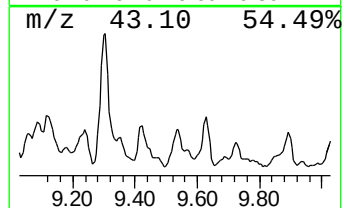
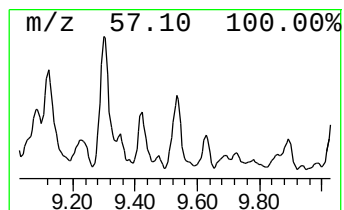
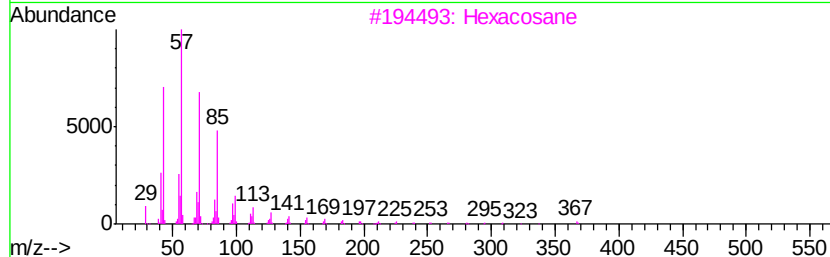
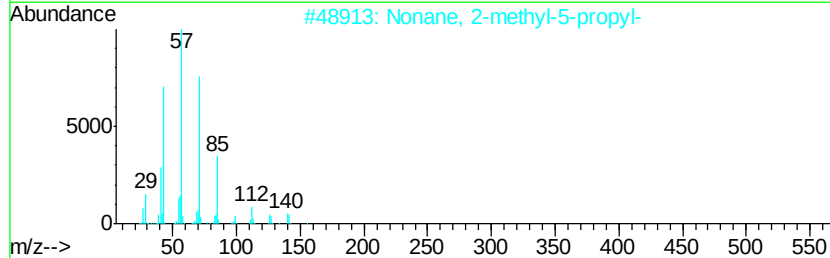
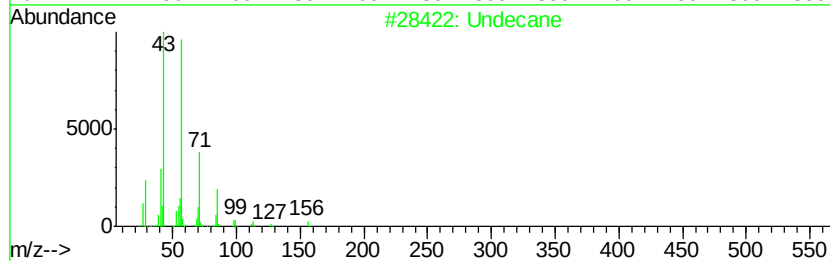
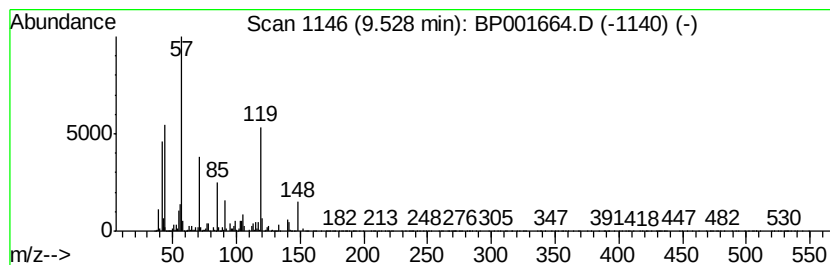
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Undecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	10.46 ng	946070	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	53
2		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	47
3		Hexacosane	366	C26H54	000630-01-3	47
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	38
5		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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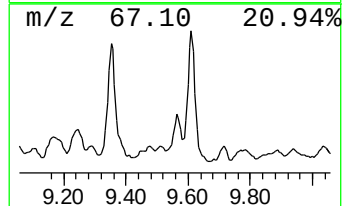
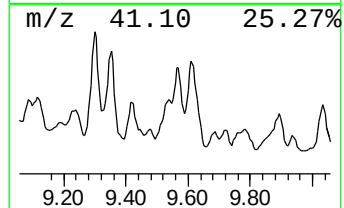
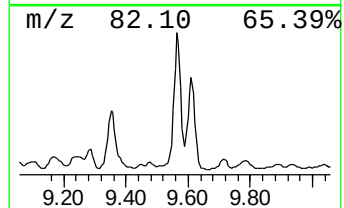
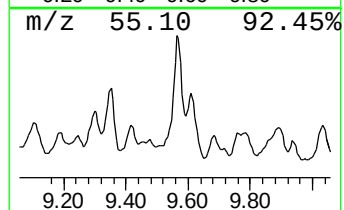
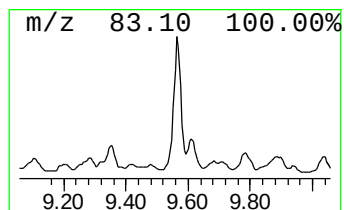
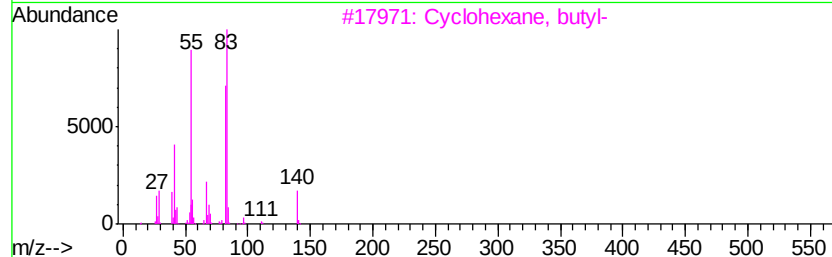
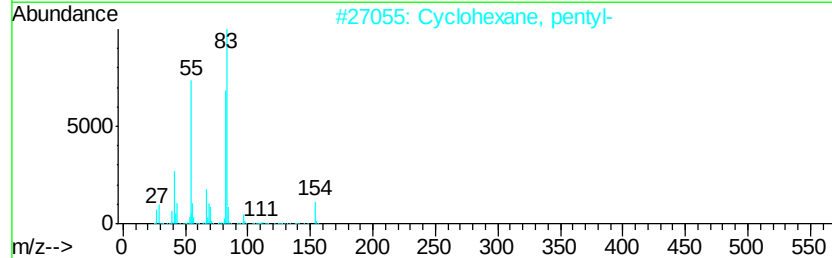
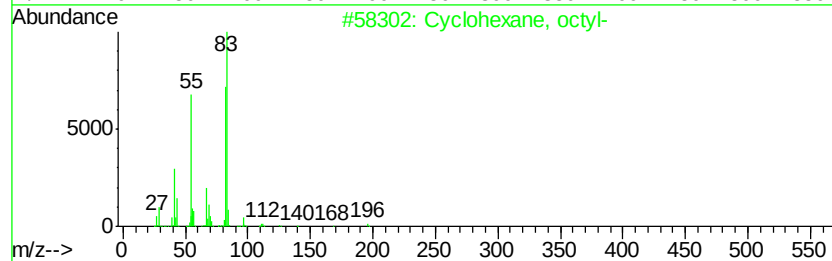
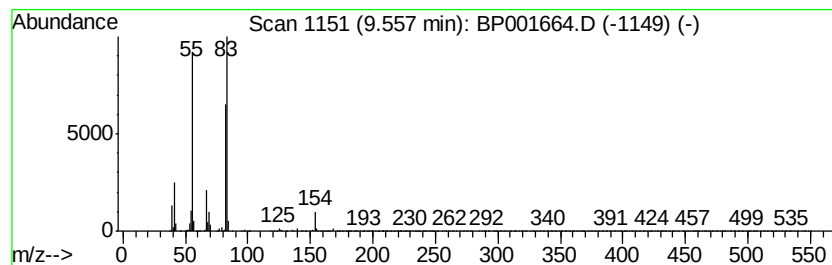
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Cyclohexane, octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	14.40 ng	1302330	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	90
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	83
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	78
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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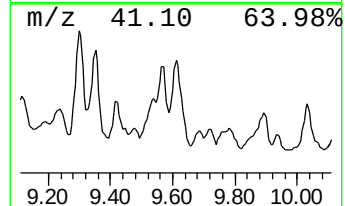
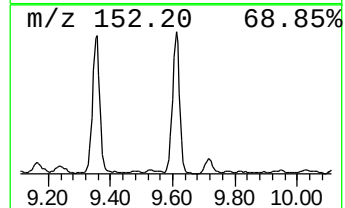
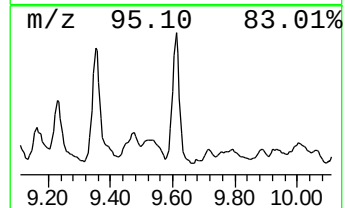
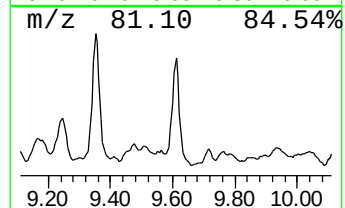
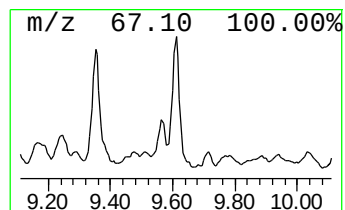
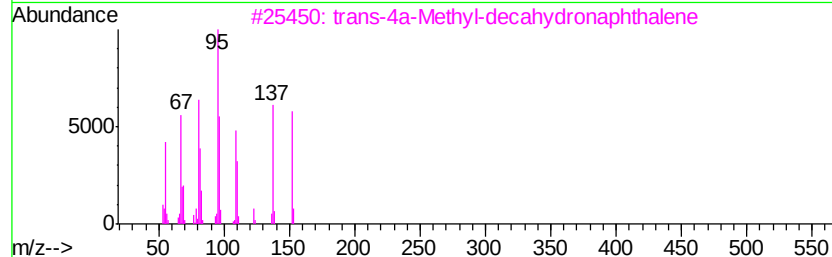
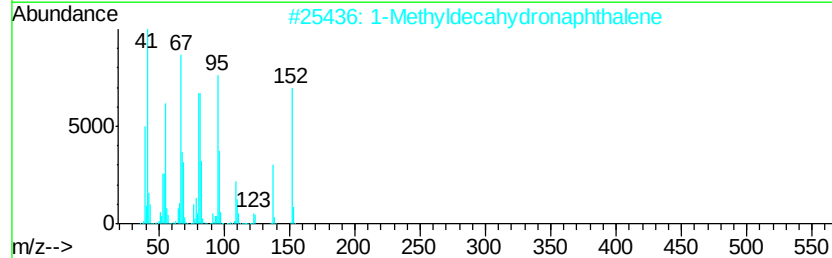
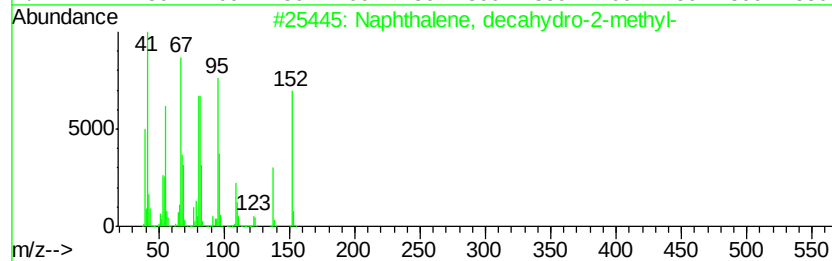
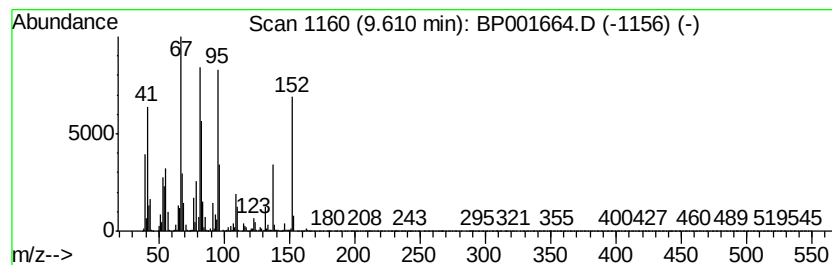
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	33.00 ng	2984310	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	94
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	89
4		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	83
5		4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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Sample : L1142-01
Misc :
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ClientSampleId :
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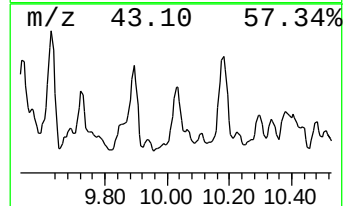
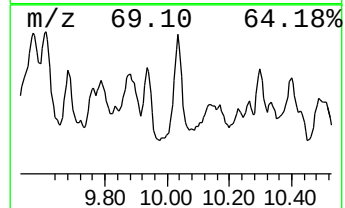
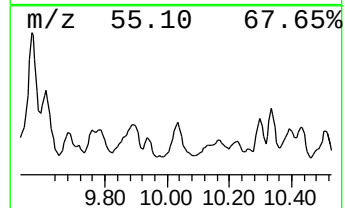
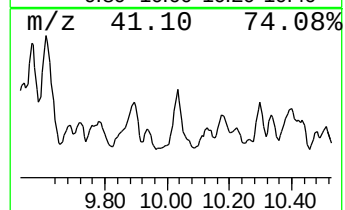
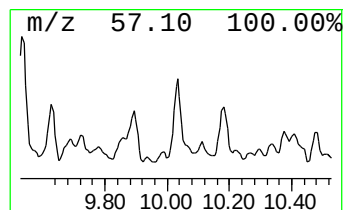
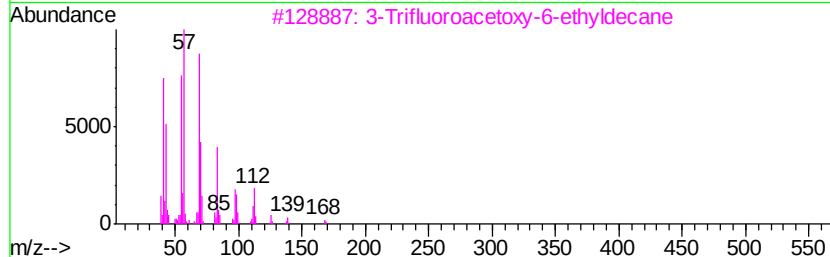
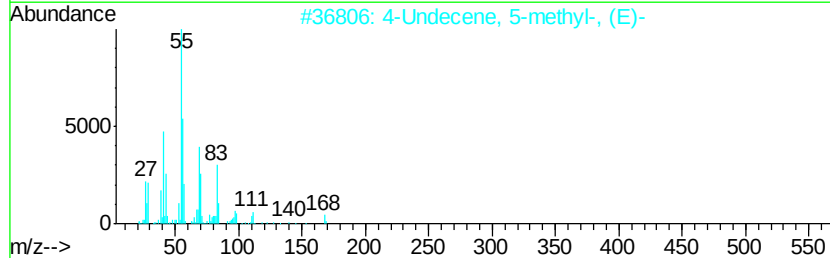
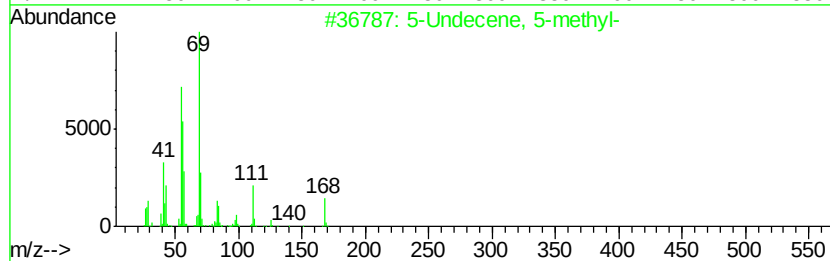
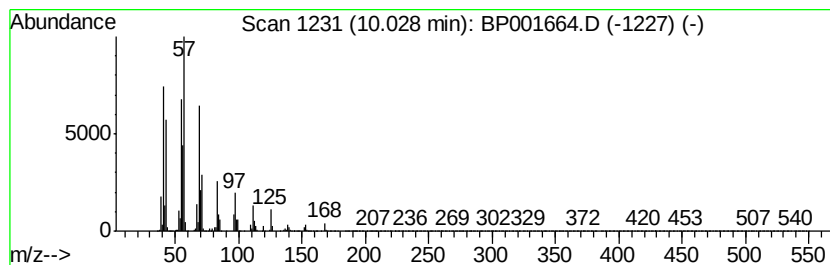
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 5-Undecene, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	11.87 ng	1073290	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Undecene, 5-methyl-	168	C12H24	031613-73-7	50
2		4-Undecene, 5-methyl-, (E)-	168	C12H24	041851-94-9	49
3		3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	46
4		5-Undecene, 5-methyl-, (Z)-	168	C12H24	057024-93-8	43
5		3-Dodecene, (E)-	168	C12H24	007206-14-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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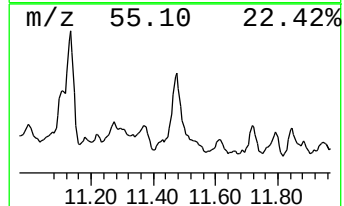
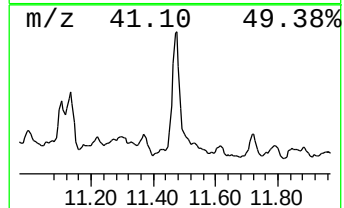
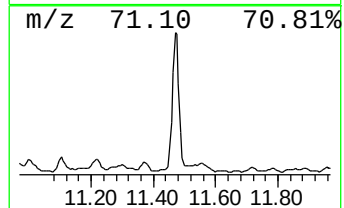
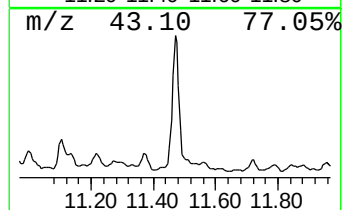
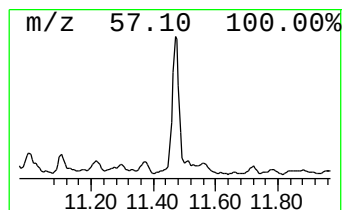
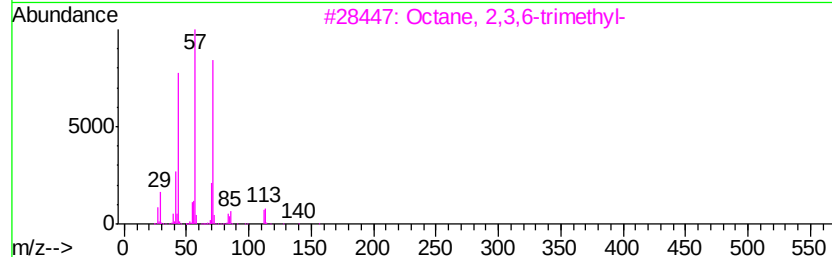
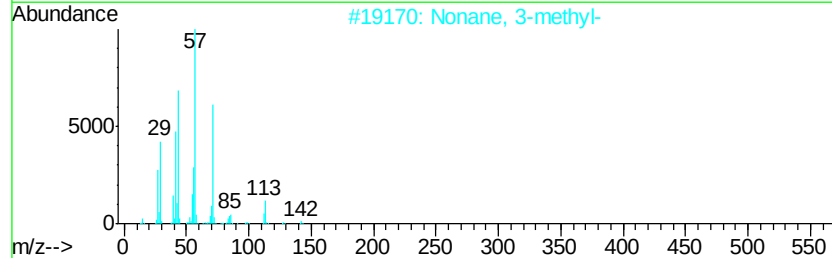
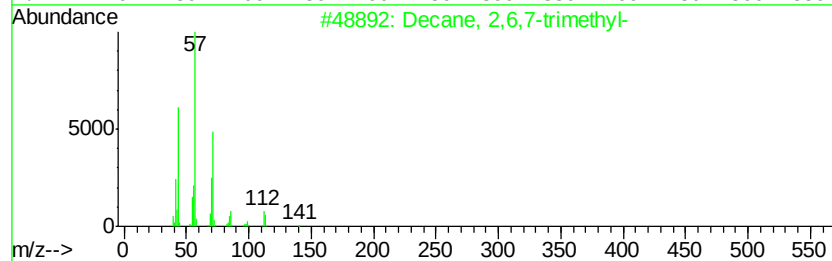
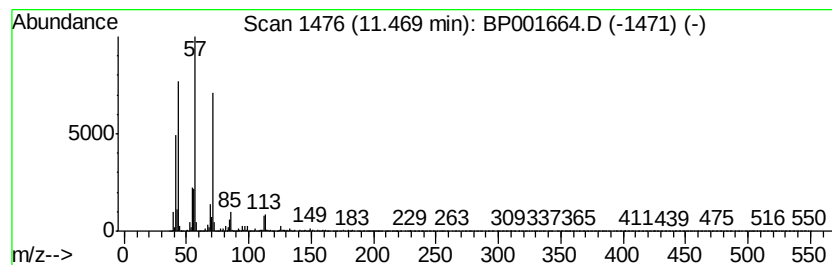
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Decane, 2,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	18.49 ng	1672440	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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ClientSampleId :
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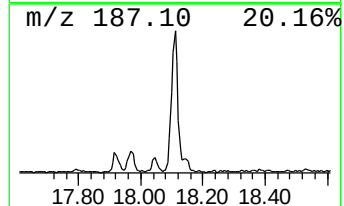
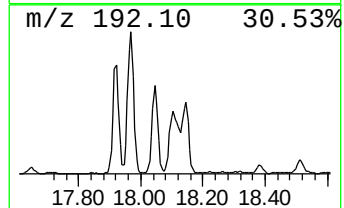
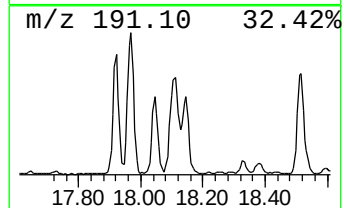
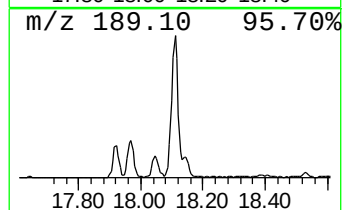
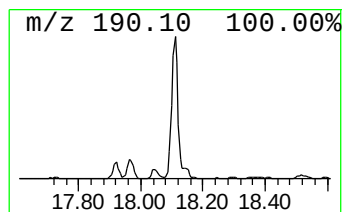
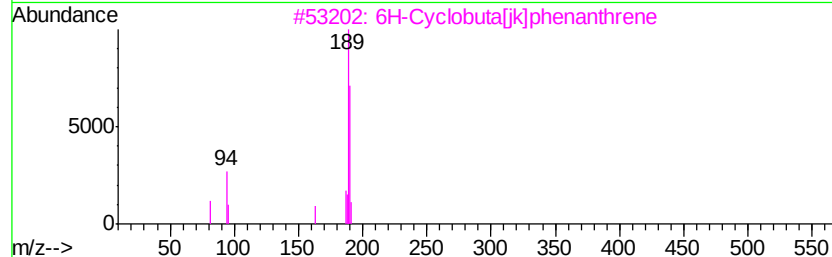
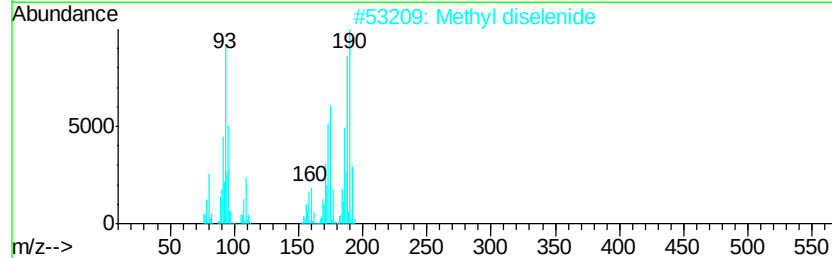
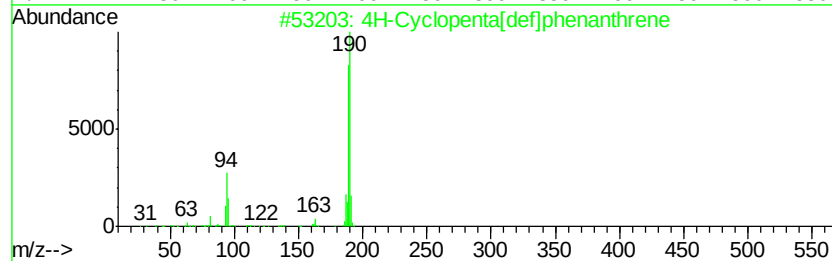
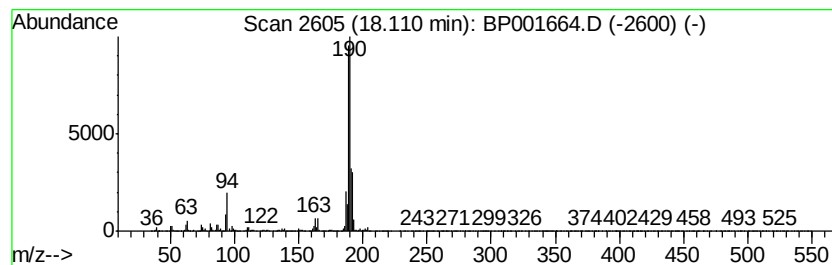
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	20.76 ng	587768	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		Methyl diselenide	190	C2H6Se2	007101-31-7	55
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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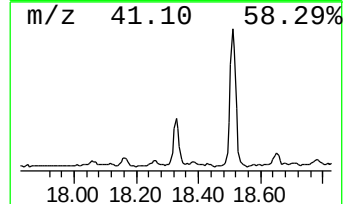
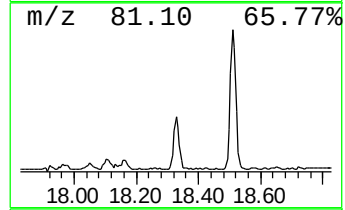
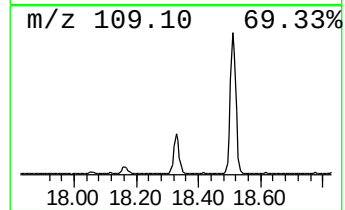
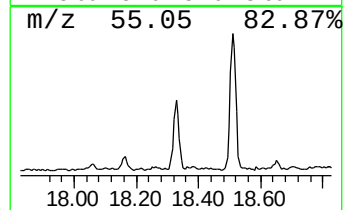
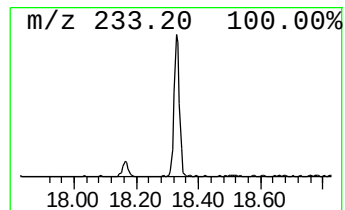
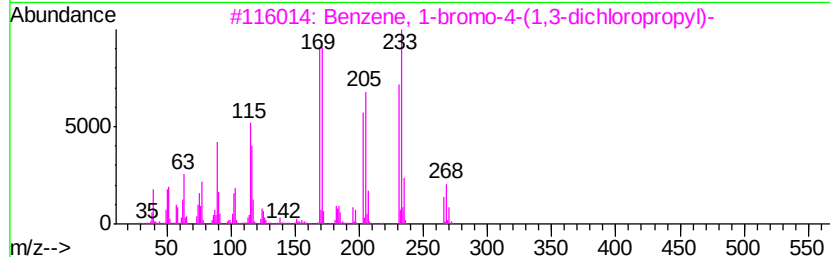
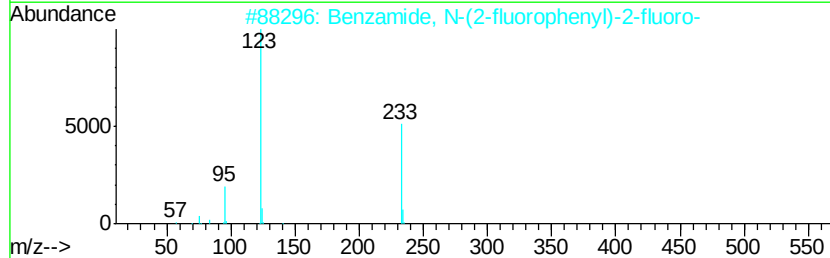
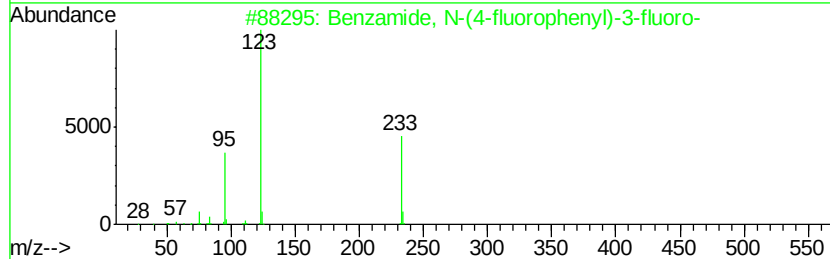
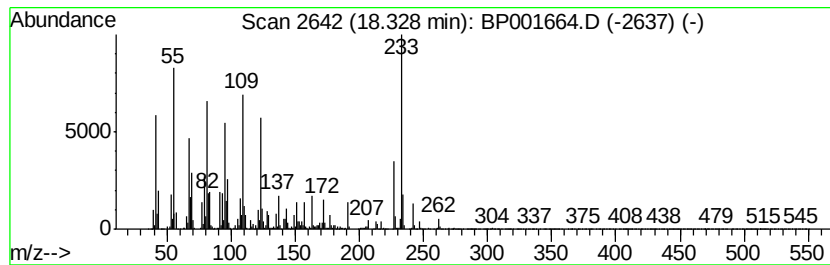
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown18.33 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	12.99 ng	367798	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	46
2		Benzamide, N-(2-fluorophenyl)-2-...	233	C13H9F2NO	1000308-09-1	43
3		Benzene, 1-bromo-4-(1,3-dichloro...	266	C9H9BrCl2	1000327-43-1	18
4		Terephthalic acid, 3-chloropheny...	360	C20H21ClO4	1000323-64-5	14
5		Terephthalic acid, 2-bromo-4-flu...	422	C20H20BrFO4	1000323-71-0	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001664.D
Acq On : 17 Jan 2020 19:01
Operator : JU
Sample : L1142-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS-1

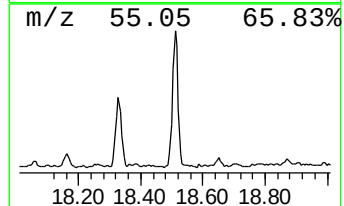
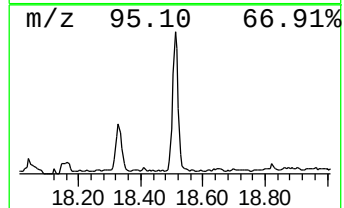
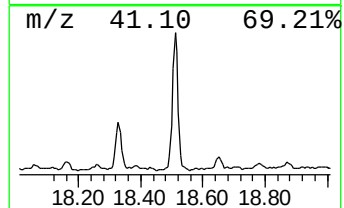
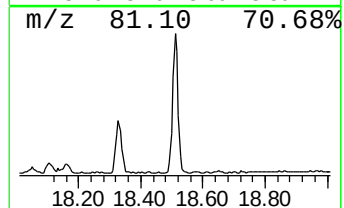
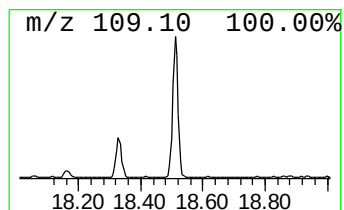
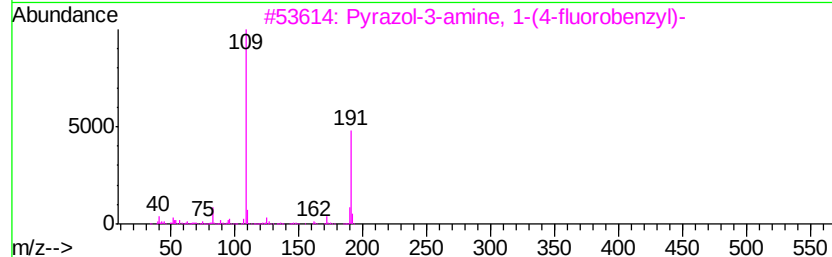
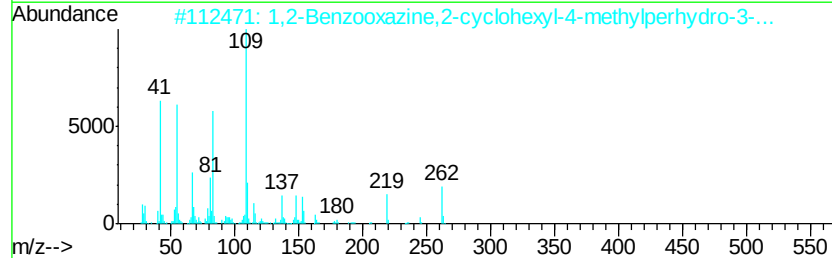
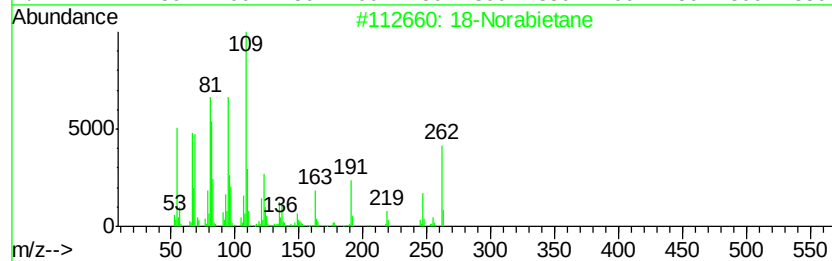
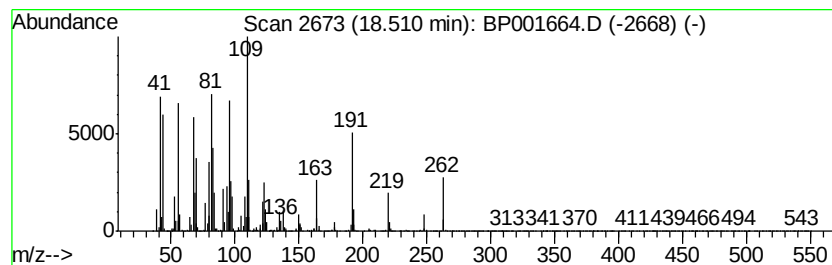
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 18-Norabietane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	31.65 ng	895983	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	18-Norabietane	262	C19H34	1000293-16-6	93
2		1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	43
3		Pyrazol-3-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-2	35
4		8-Hexadecyne	222	C16H30	019781-86-3	27
5		Pyrazol-4-amine, 1-(4-fluorobenz...	219	C12H14FN3	1000272-83-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011720\
 Data File : BP001664.D
 Acq On : 17 Jan 2020 19:01
 Operator : JU
 Sample : L1142-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Cyclohexane, 1-et...	5.95	10.2	ng	2445620	1	7.64	4777950	20.0
Heptane, 4-(1-met...	6.34	13.3	ng	3184040	1	7.64	4777950	20.0
Ethanone, 1-(1-me...	7.14	8.3	ng	1982460	1	7.64	4777950	20.0
Nonane, 5-(1-meth...	7.47	8.4	ng	2000780	1	7.64	4777950	20.0
Pentadecane	7.85	16.6	ng	3971110	1	7.64	4777950	20.0
Decane, 3-methyl-	7.92	22.5	ng	5382650	1	7.64	4777950	20.0
1-Decene, 5-methyl-	8.20	10.7	ng	2544100	1	7.64	4777950	20.0
Naphthalene, deca...	8.47	9.9	ng	2364450	1	7.64	4777950	20.0
2-Undecene, 4-met...	8.52	9.1	ng	2165830	1	7.64	4777950	20.0
Decane, 3,7-dimet...	9.30	18.2	ng	1648280	2	10.42	1808660	20.0
Undecane	9.53	10.5	ng	946070	2	10.42	1808660	20.0
Cyclohexane, octyl-	9.56	14.4	ng	1302330	2	10.42	1808660	20.0
Naphthalene, deca...	9.61	33.0	ng	2984310	2	10.42	1808660	20.0
5-Undecene, 5-met...	10.03	11.9	ng	1073290	2	10.42	1808660	20.0
Decane, 2,6,7-tri...	11.47	18.5	ng	1672440	2	10.42	1808660	20.0
4H-Cyclopenta[def...	18.11	20.8	ng	587768	4	17.05	566243	20.0
unknown18.33	18.33	13.0	ng	367798	4	17.05	566243	20.0
18-Norabietane	18.51	31.6	ng	895983	4	17.05	566243	20.0