

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF040218\
 Data File : BF104145.D
 Acq On : 2 Apr 2018 19:37
 Operator : JU/SJ
 Sample : J2099-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-105(2-3)

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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	2.258	24	29	34	rVB	62857	80019	3.02%	0.196%
2	5.193	524	528	535	rBV	80786	115228	4.35%	0.282%
3	5.593	592	596	616	rBV	1342199	1931399	72.98%	4.720%
4	6.598	763	767	786	rBV	1399127	2173084	82.11%	5.310%
5	6.734	786	790	815	rVB	1951250	2371162	89.60%	5.794%
6	6.957	825	828	834	rBV	394394	512739	19.37%	1.253%
7	7.010	834	837	843	rVB3	63909	109810	4.15%	0.268%
8	7.116	851	855	866	rBV	1511531	1775231	67.08%	4.338%
9	7.192	866	868	871	rVV	61440	72028	2.72%	0.176%
10	7.216	871	872	878	rVV3	41775	53474	2.02%	0.131%
11	7.263	878	880	887	rVB2	57676	69643	2.63%	0.170%
12	7.481	914	917	921	rVB	125393	109670	4.14%	0.268%
13	7.528	921	925	940	rBV	853016	1375595	51.98%	3.362%
14	7.634	940	943	948	rVB4	30843	43860	1.66%	0.107%
15	7.716	955	957	959	rBV	47635	37005	1.40%	0.090%
16	7.745	959	962	967	rVB	59286	72741	2.75%	0.178%
17	7.904	986	989	992	rVB3	53494	47581	1.80%	0.116%
18	7.969	997	1000	1003	rBV	141956	148808	5.62%	0.364%
19	8.034	1009	1011	1019	rVB4	39763	75254	2.84%	0.184%
20	8.098	1019	1022	1025	rVB2	36214	37409	1.41%	0.091%
21	8.198	1037	1039	1041	rBV	65837	60527	2.29%	0.148%
22	8.239	1043	1046	1051	rVV	715510	857121	32.39%	2.095%
23	8.275	1051	1052	1056	rVV	214641	177280	6.70%	0.433%
24	8.316	1056	1059	1063	rVB2	83548	90595	3.42%	0.221%
25	8.428	1076	1078	1083	rVB4	45666	43574	1.65%	0.106%
26	8.516	1089	1093	1097	rVB4	121288	146274	5.53%	0.357%
27	8.557	1097	1100	1102	rBV3	50237	48493	1.83%	0.119%
28	8.639	1111	1114	1116	rVB	161441	135742	5.13%	0.332%
29	8.669	1116	1119	1122	rBV3	61784	81021	3.06%	0.198%
30	8.698	1122	1124	1126	rVB2	47585	39674	1.50%	0.097%
31	8.739	1128	1131	1133	rBV3	76446	68555	2.59%	0.168%
32	8.769	1133	1136	1138	rVB3	69779	58229	2.20%	0.142%
33	8.810	1141	1143	1147	rVB3	69567	57014	2.15%	0.139%
34	8.904	1156	1159	1165	rVB3	145859	156502	5.91%	0.382%

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35	8.951	1165	1167	1169	rBV2	38849	41609	1.57%	0.102%
36	9.004	1173	1176	1178	rBV3	36426	36425	1.38%	0.089%
37	9.051	1181	1184	1189	rVV	559409	512573	19.37%	1.253%
38	9.092	1189	1191	1192	rVV	56273	42942	1.62%	0.105%
39	9.134	1195	1198	1201	rVB3	93745	118613	4.48%	0.290%
40	9.175	1202	1205	1208	rBV2	69561	63304	2.39%	0.155%
41	9.216	1209	1212	1214	rBV2	80574	80017	3.02%	0.196%
42	9.239	1214	1216	1218	rVB	262096	172177	6.51%	0.421%
43	9.310	1222	1228	1235	rBV	2348736	2646524	100.00%	6.467%
44	9.381	1237	1240	1243	rVV2	147170	190820	7.21%	0.466%
45	9.416	1244	1246	1251	rVB2	103709	105569	3.99%	0.258%
46	9.492	1256	1259	1260	rBV2	63300	63298	2.39%	0.155%
47	9.510	1260	1262	1269	rVB	137249	203073	7.67%	0.496%
48	9.581	1270	1274	1278	rBV	289969	416727	15.75%	1.018%
49	9.616	1278	1280	1283	rBV3	73055	102012	3.85%	0.249%
50	9.651	1283	1286	1289	rVV	400386	362406	13.69%	0.886%
51	9.698	1289	1294	1302	rVB3	630468	1006529	38.03%	2.460%
52	9.769	1304	1306	1308	rBV	97835	75459	2.85%	0.184%
53	9.857	1318	1321	1325	rBV2	265614	305207	11.53%	0.746%
54	9.904	1327	1329	1334	rVB2	200106	207202	7.83%	0.506%
55	9.951	1334	1337	1339	rBV2	117016	138993	5.25%	0.340%
56	9.975	1339	1341	1342	rVV	126449	97035	3.67%	0.237%
57	9.998	1342	1345	1348	rVV	863757	817447	30.89%	1.998%
58	10.033	1348	1351	1357	rVB	422371	560264	21.17%	1.369%
59	10.104	1357	1363	1365	rBV2	132821	211167	7.98%	0.516%
60	10.139	1366	1369	1371	rBV4	133424	153972	5.82%	0.376%
61	10.169	1371	1374	1376	rVV	179914	155482	5.87%	0.380%
62	10.192	1376	1378	1381	rVV	221778	215500	8.14%	0.527%
63	10.239	1382	1386	1389	rVB3	275529	405267	15.31%	0.990%
64	10.310	1395	1398	1401	rBV	244619	302348	11.42%	0.739%
65	10.345	1401	1404	1408	rVB2	217768	292129	11.04%	0.714%
66	10.404	1410	1414	1417	rBV3	348655	431208	16.29%	1.054%
67	10.439	1418	1420	1422	rVV	118151	100369	3.79%	0.245%
68	10.522	1432	1434	1435	rBV	111834	84711	3.20%	0.207%
69	10.539	1435	1437	1439	rVB	131610	97718	3.69%	0.239%
70	10.628	1448	1452	1455	rBV	1209003	1371722	51.83%	3.352%
71	10.681	1459	1461	1464	rVV3	118272	114710	4.33%	0.280%

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72	10.751	1471	1473	1477	rVB	306870	224366	8.48%	0.548%
73	10.798	1477	1481	1484	rBV	1085720	1297629	49.03%	3.171%
74	10.898	1493	1498	1501	rBV	2335575	2628759	99.33%	6.424%
75	10.957	1506	1508	1510	rBV	156032	150472	5.69%	0.368%
76	11.033	1518	1521	1523	rBV2	166299	173489	6.56%	0.424%
77	11.075	1526	1528	1530	rBV	297407	275705	10.42%	0.674%
78	11.210	1549	1551	1553	rBV3	184683	193425	7.31%	0.473%
79	11.333	1570	1572	1574	rBV	370097	301269	11.38%	0.736%
80	11.369	1574	1578	1581	rVV	2073061	2087587	78.88%	5.101%
81	11.475	1594	1596	1597	rBV	309368	250716	9.47%	0.613%
82	11.498	1597	1600	1602	rVV2	711091	871422	32.93%	2.129%
83	11.522	1602	1604	1611	rVB	700747	939520	35.50%	2.296%
84	11.716	1634	1637	1640	rBV	943522	886491	33.50%	2.166%
85	11.763	1643	1645	1648	rVB	522939	419746	15.86%	1.026%
86	12.116	1703	1705	1707	rVB2	357160	271022	10.24%	0.662%
87	12.175	1713	1715	1717	rBV	355407	282803	10.69%	0.691%
88	12.457	1760	1763	1765	rVB	592821	589499	22.27%	1.441%
89	13.086	1867	1870	1875	rVB	1410866	1441110	54.45%	3.522%
90	13.957	2015	2018	2021	rVB	227126	214652	8.11%	0.525%
91	14.151	2047	2051	2054	rBV2	582455	793203	29.97%	1.938%
92	14.586	2122	2125	2129	rVB2	123316	128137	4.84%	0.313%
93	15.233	2232	2235	2237	rBV	130829	183604	6.94%	0.449%
94	15.627	2299	2302	2305	rBV	106823	144747	5.47%	0.354%
95	15.692	2310	2313	2326	rVB	350794	637772	24.10%	1.559%

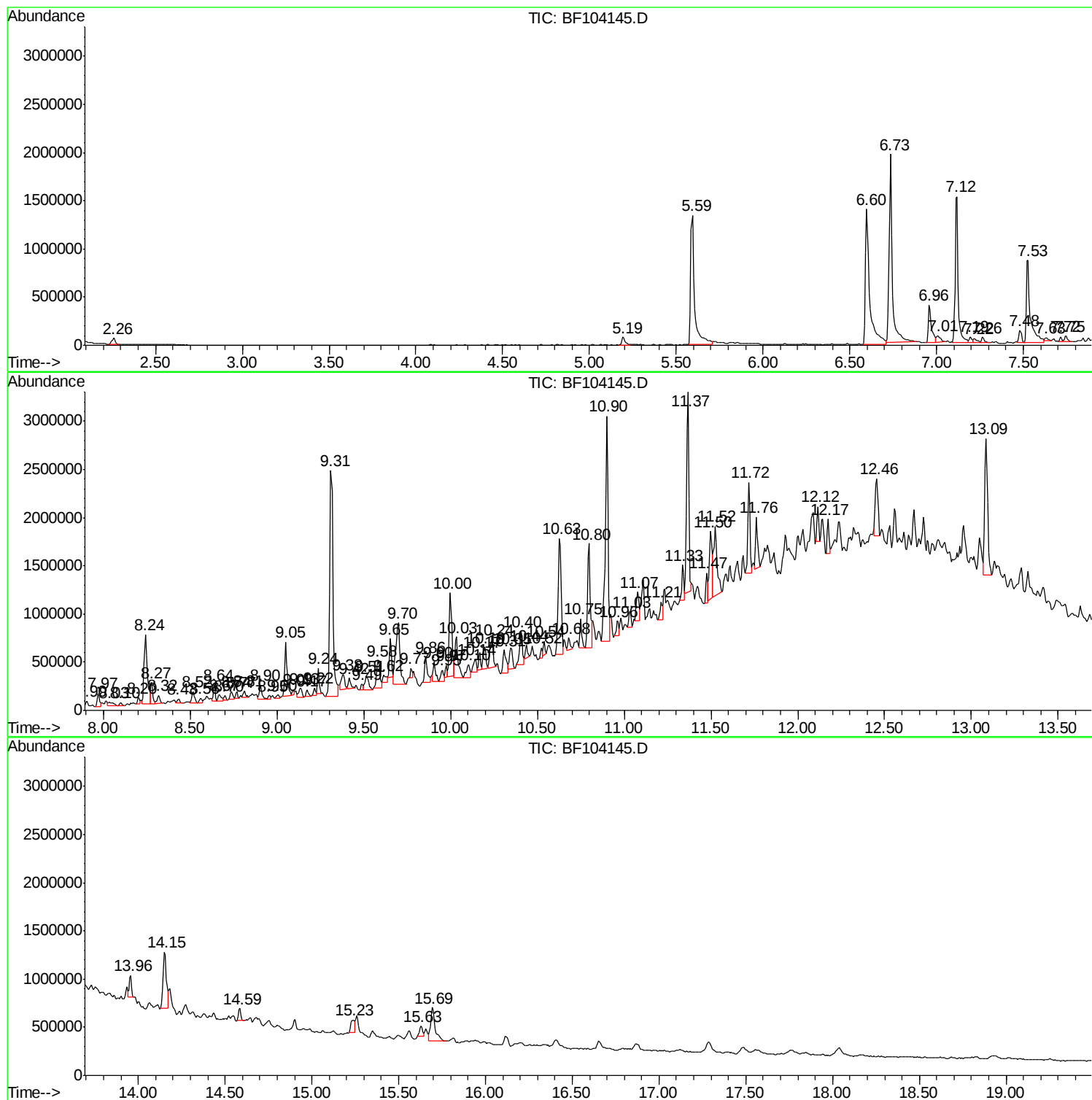
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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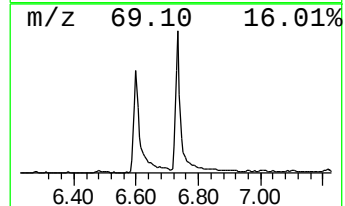
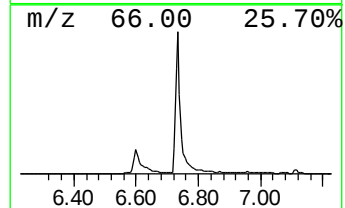
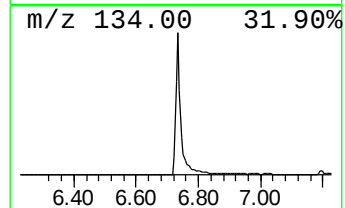
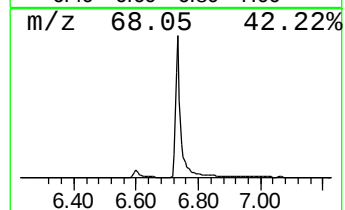
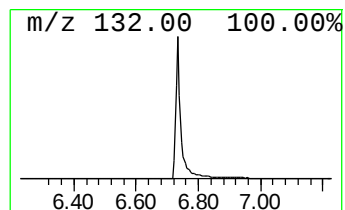
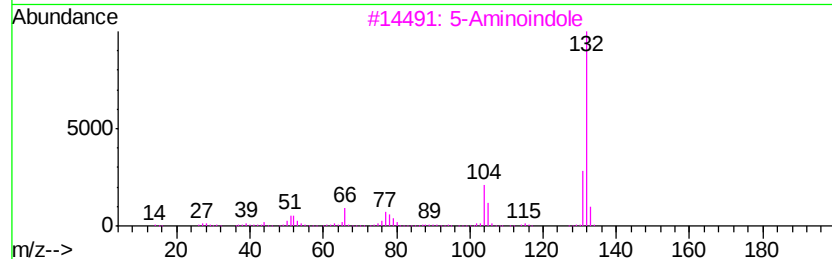
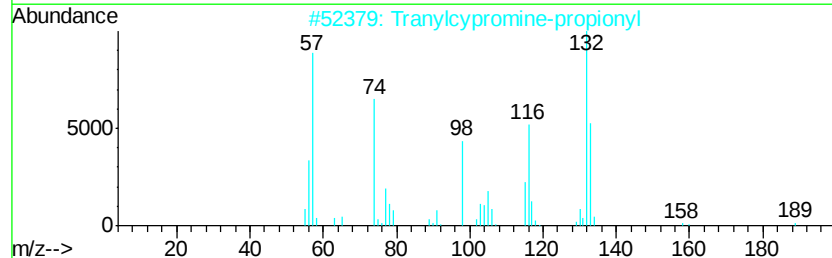
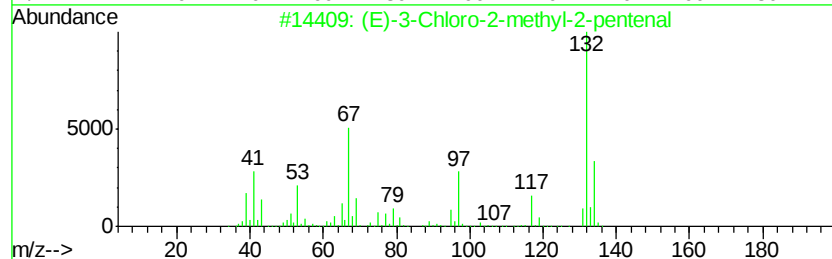
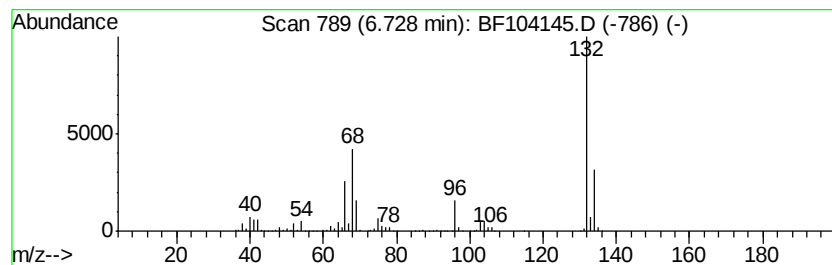
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	92.49 ng	2371160	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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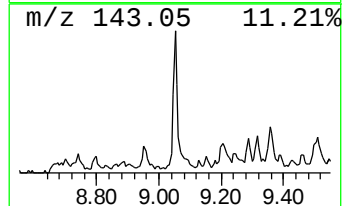
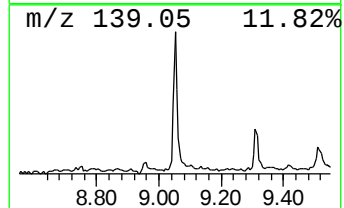
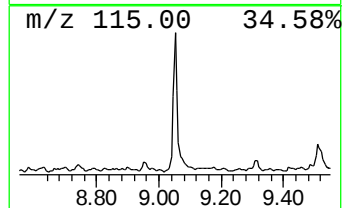
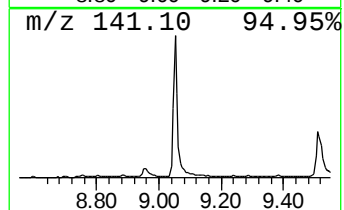
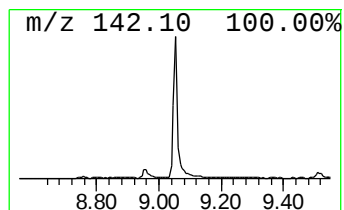
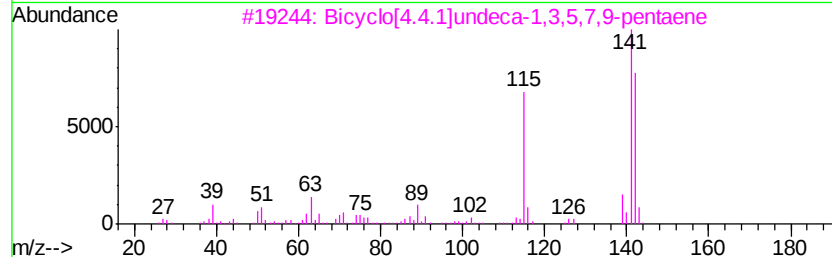
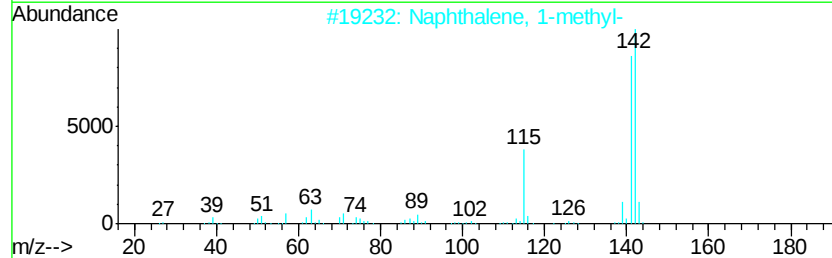
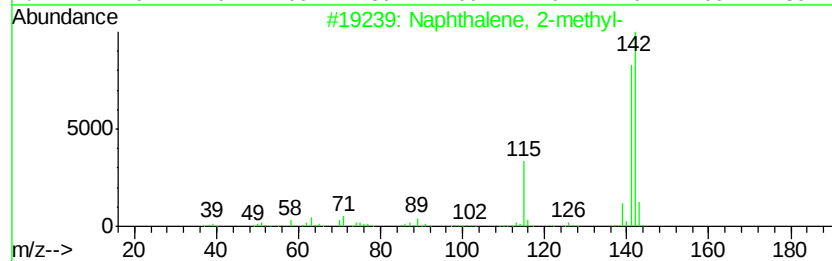
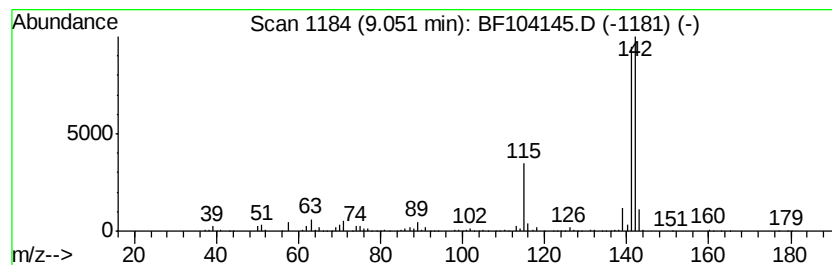
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	11.96 ng	512573	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-pentaene	142	C11H10	002443-46-1	91
4		1,4-Methanonaphthalene, 1,4-dihydro	142	C11H10	004453-90-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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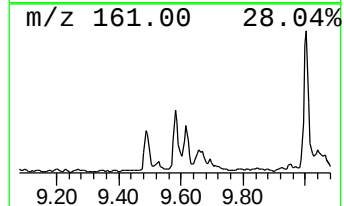
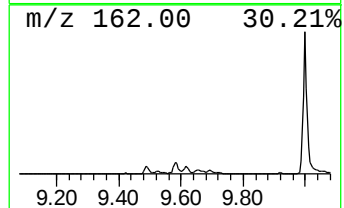
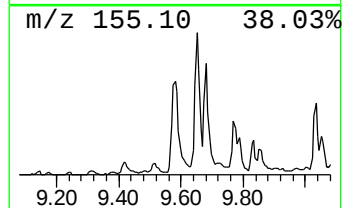
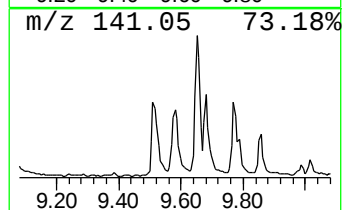
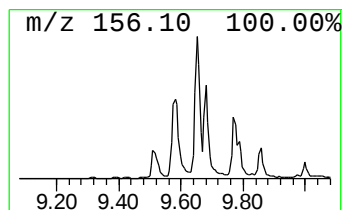
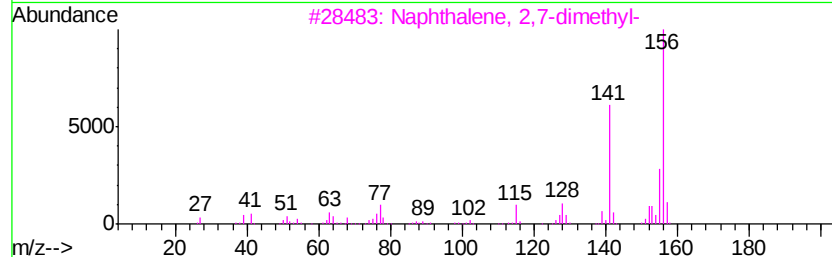
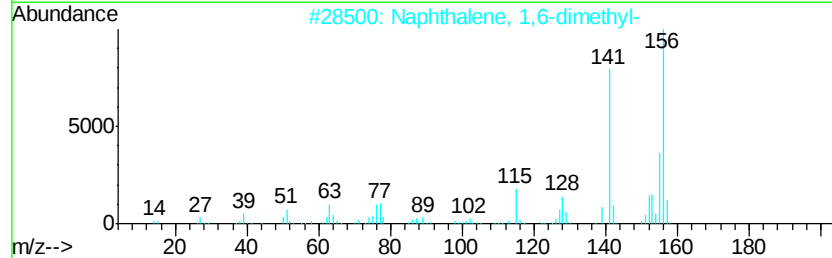
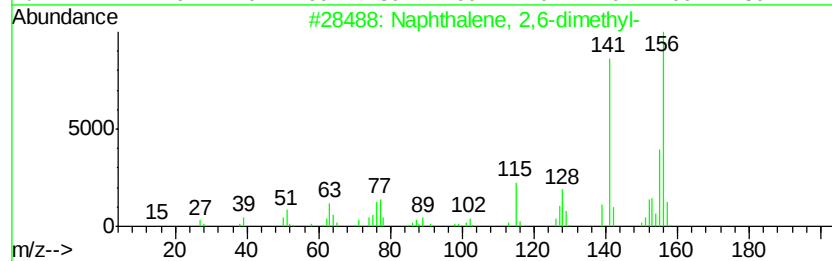
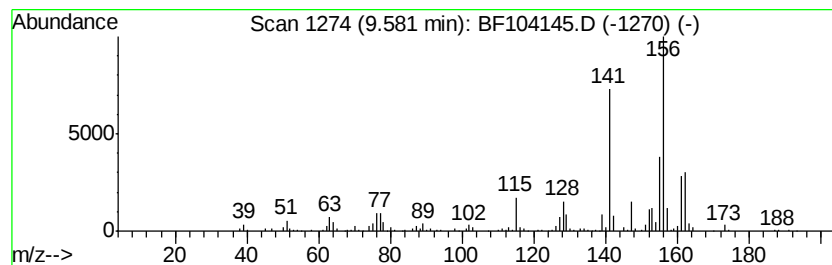
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Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	10.20 ng	416727	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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Data File : BF104145.D
Acq On : 2 Apr 2018 19:37
Operator : JU/SJ
Sample : J2099-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-105(2-3)

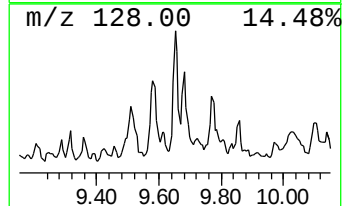
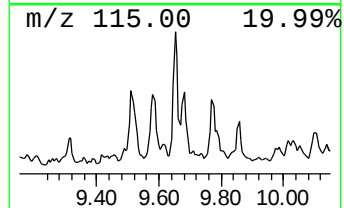
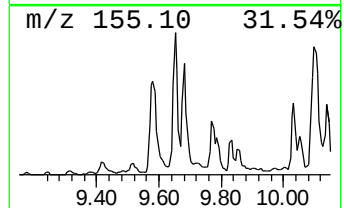
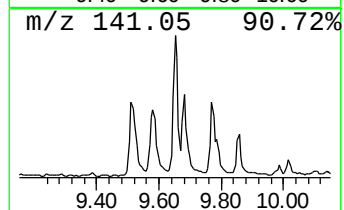
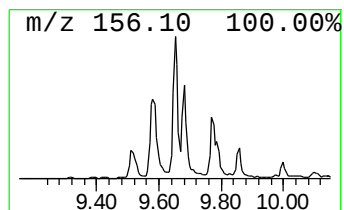
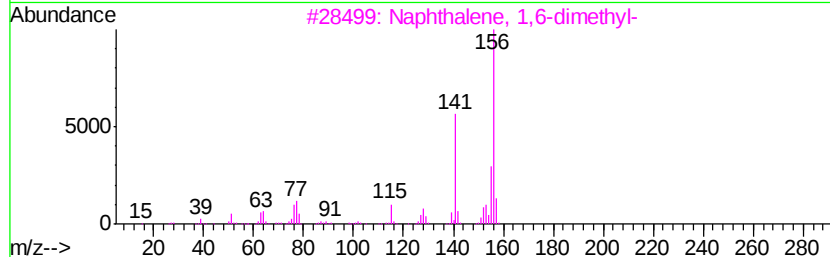
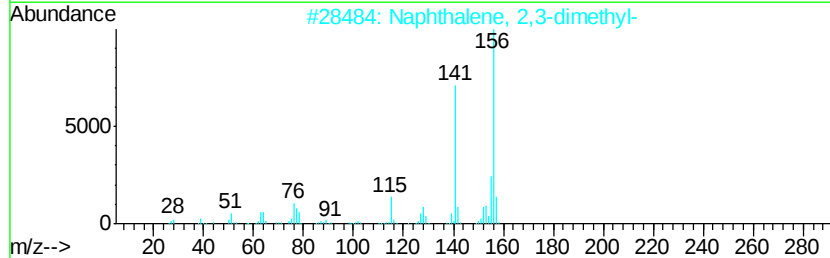
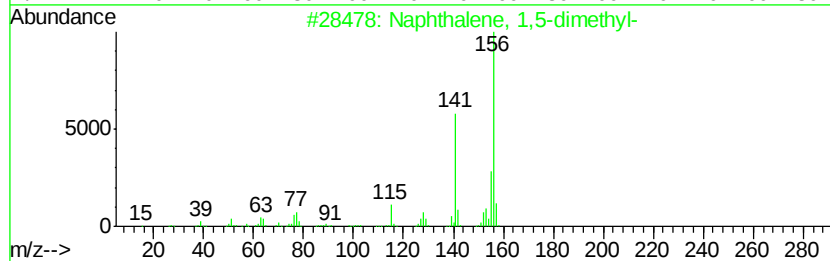
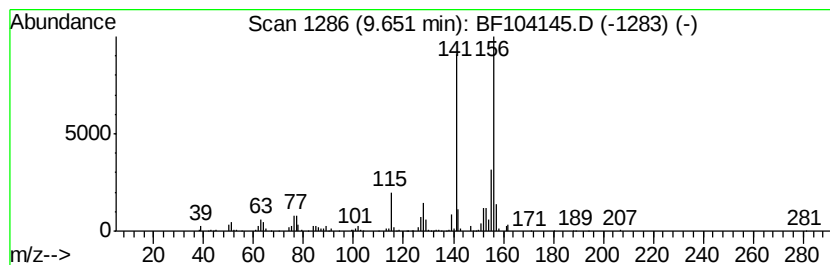
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	8.87 ng	362406	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104145.D
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Operator : JU/SJ
Sample : J2099-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

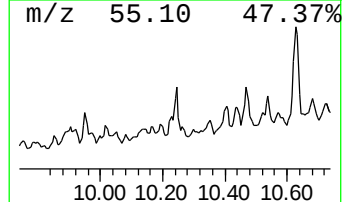
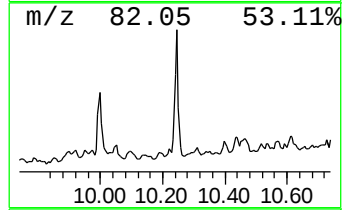
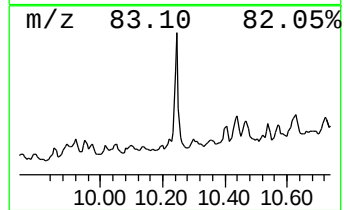
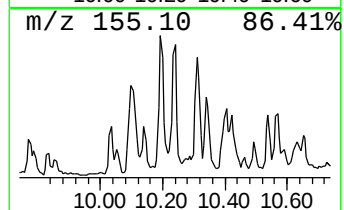
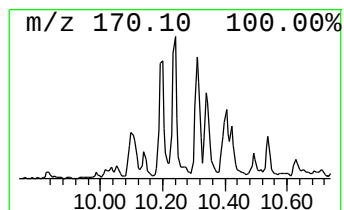
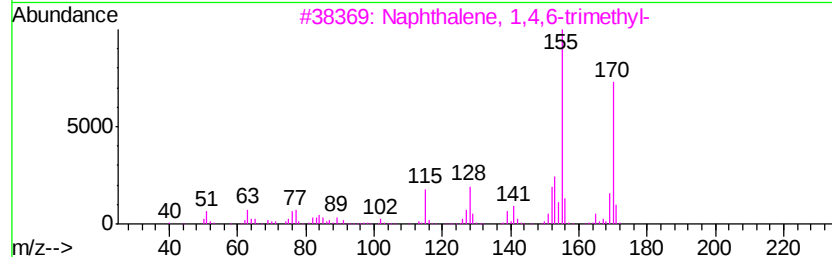
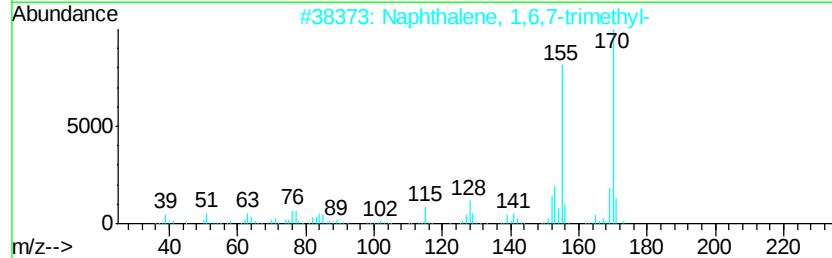
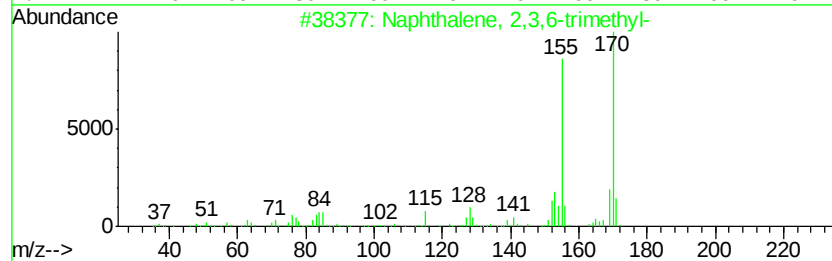
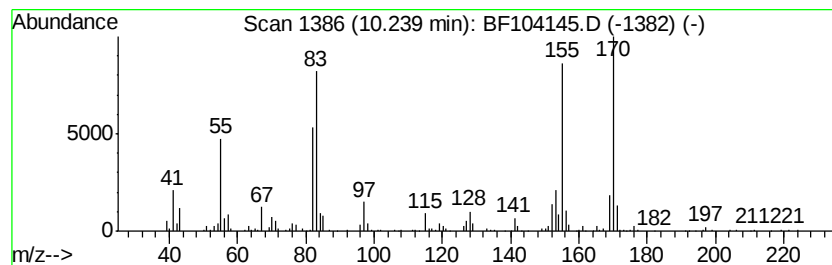
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.24	9.92 ng	405267	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104145.D
Acq On : 2 Apr 2018 19:37
Operator : JU/SJ
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
SB-105(2-3)

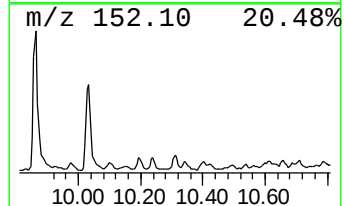
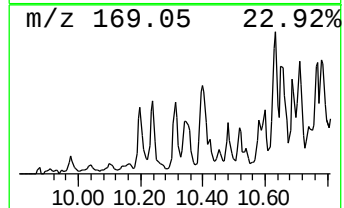
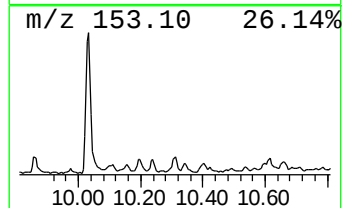
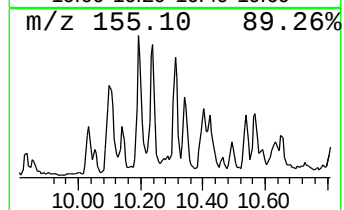
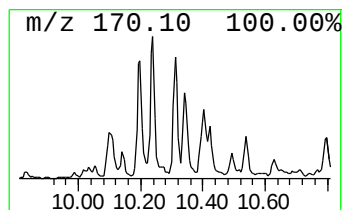
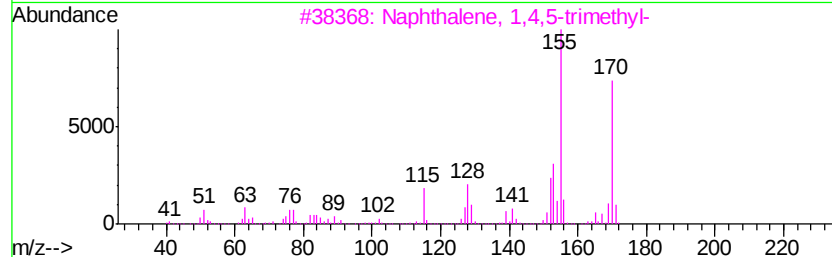
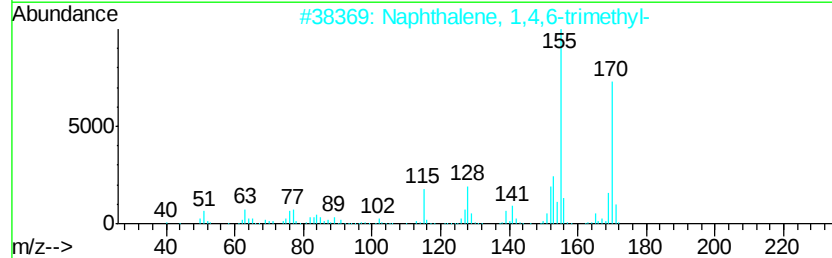
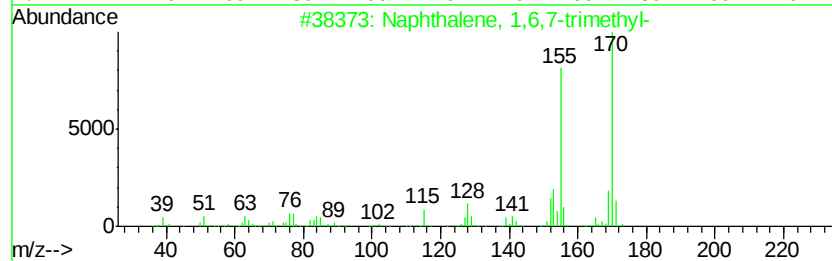
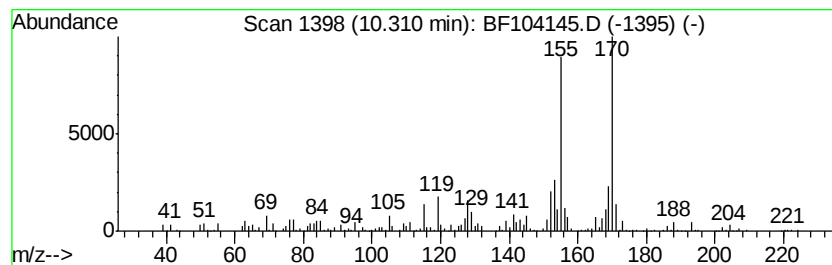
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	7.40 ng	302348	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
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Operator : JU/SJ
Sample : J2099-05
Misc :
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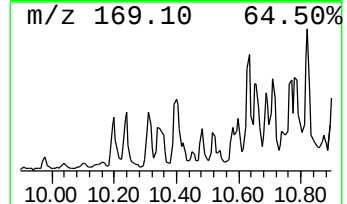
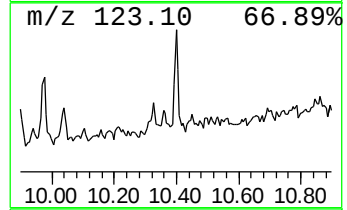
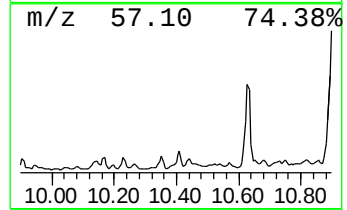
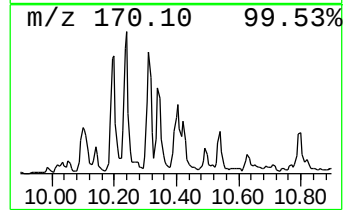
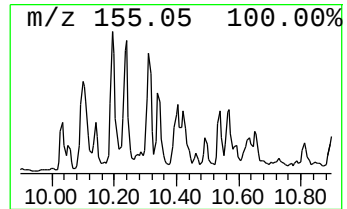
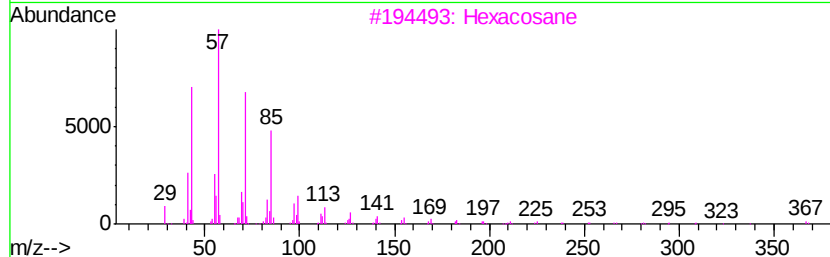
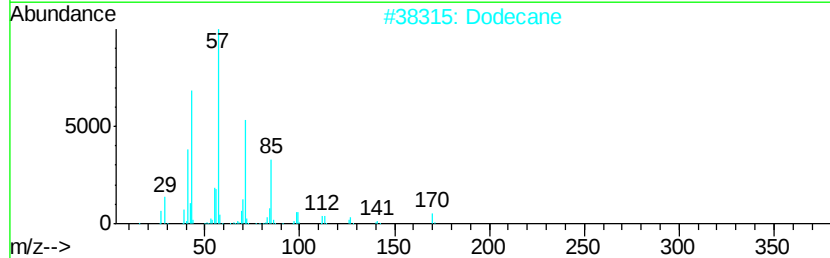
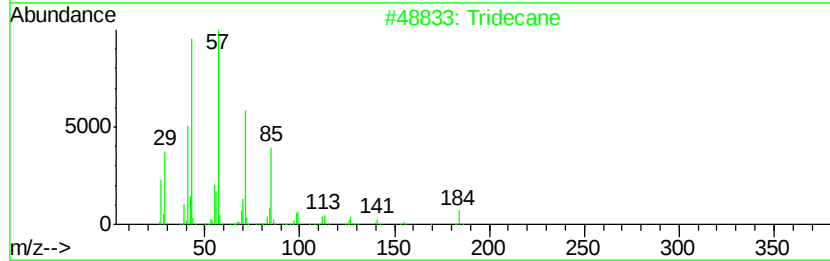
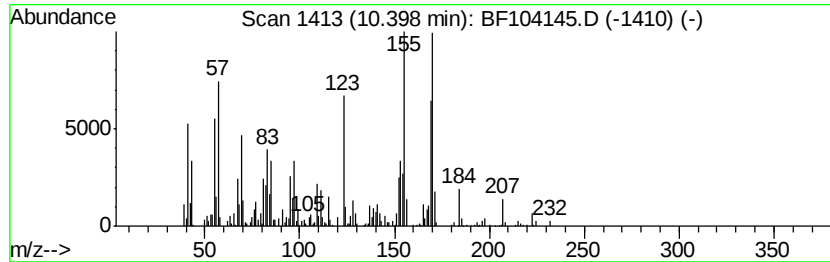
Instrument :
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ClientSampleId :
SB-105(2-3)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.40	10.55 ng	431208	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	60
2	Dodecane	170	C12H26	000112-40-3	49
3	Hexacosane	366	C26H54	000630-01-3	30
4	Nonane	128	C9H20	000111-84-2	25
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	25



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104145.D
Acq On : 2 Apr 2018 19:37
Operator : JU/SJ
Sample : J2099-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-105(2-3)

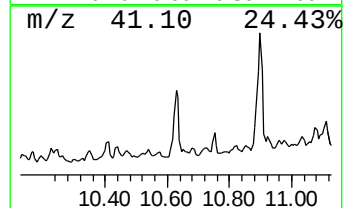
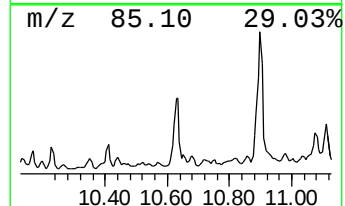
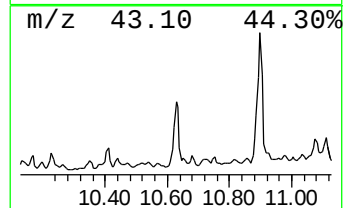
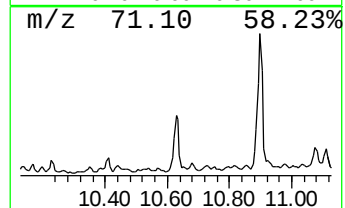
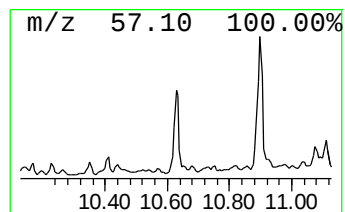
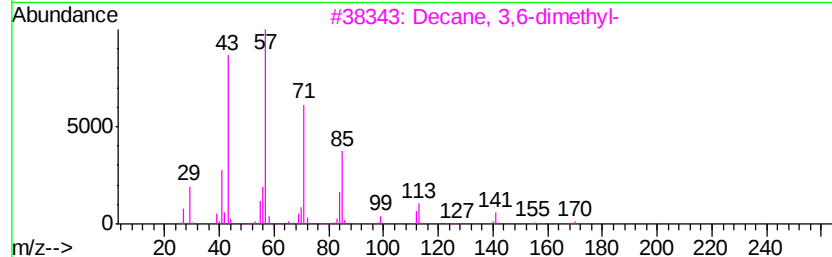
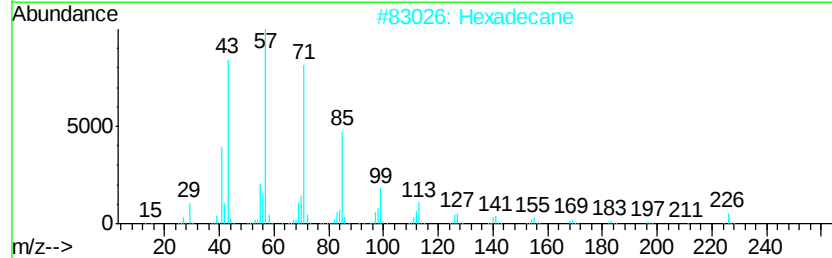
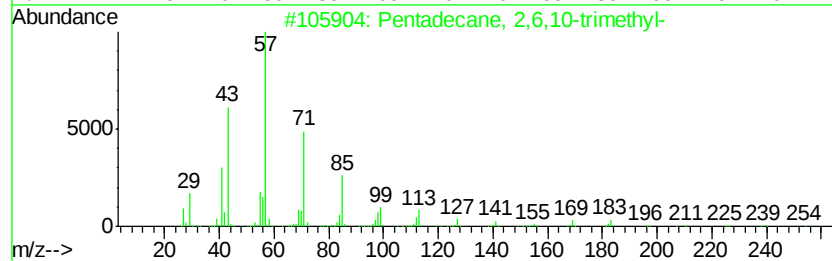
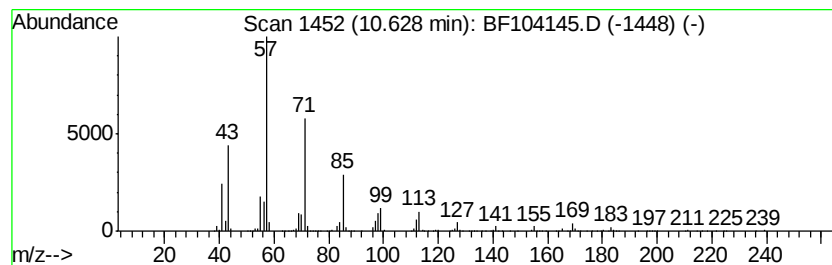
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	33.56 ng	1371720	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Hexadecane	226	C16H34	000544-76-3	80
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104145.D
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Operator : JU/SJ
Sample : J2099-05
Misc :
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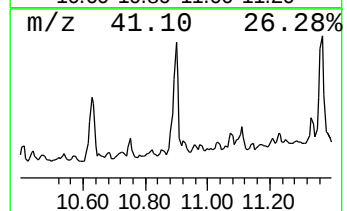
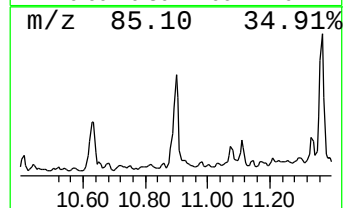
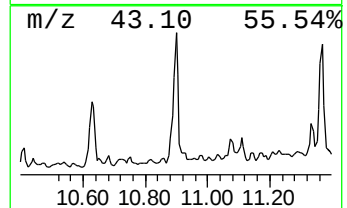
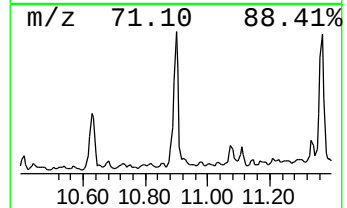
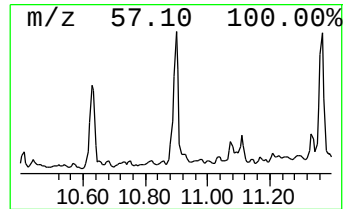
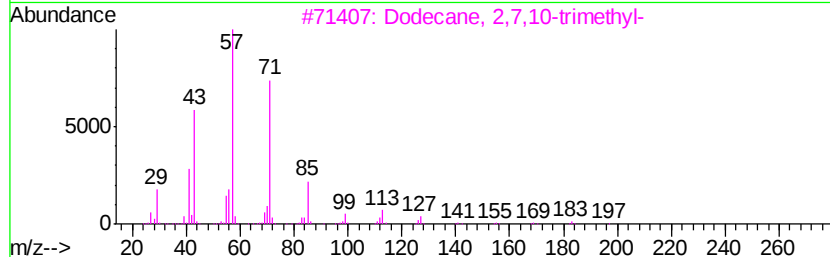
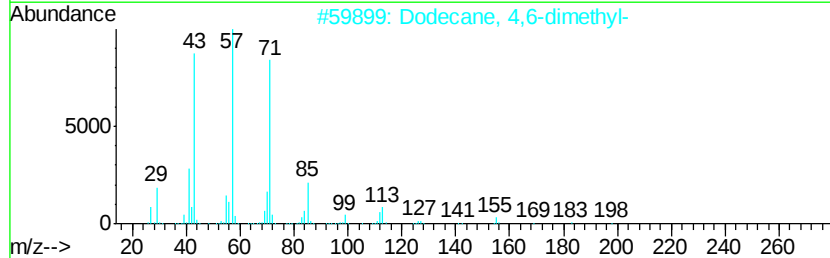
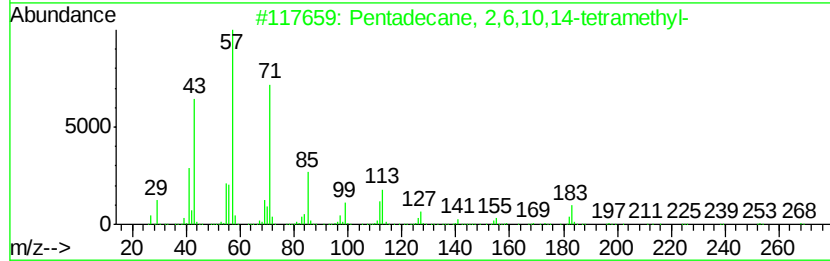
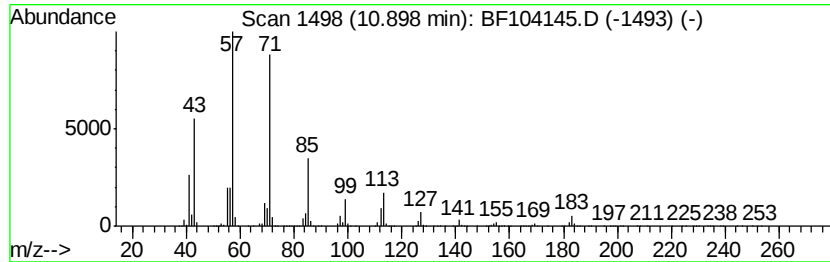
Instrument :
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ClientSampleId :
SB-105(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.90	60.33 ng	2628760	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104145.D
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ClientSampleId :
SB-105(2-3)

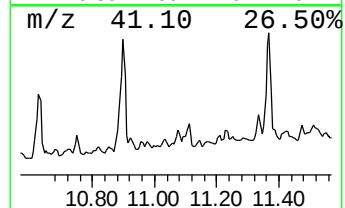
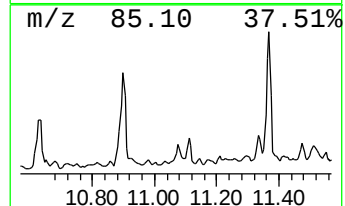
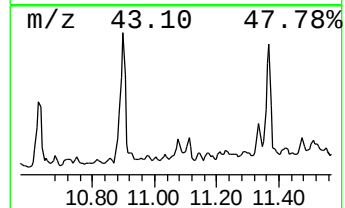
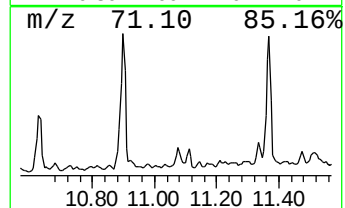
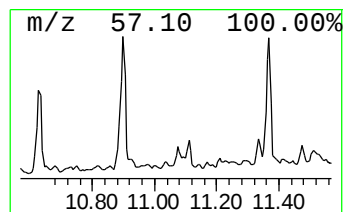
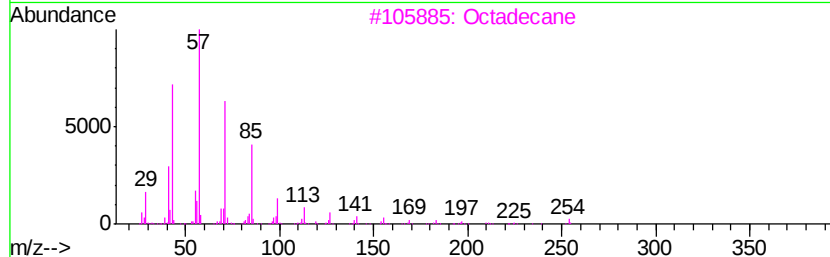
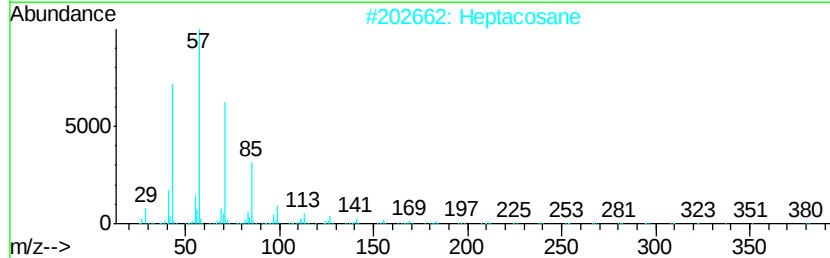
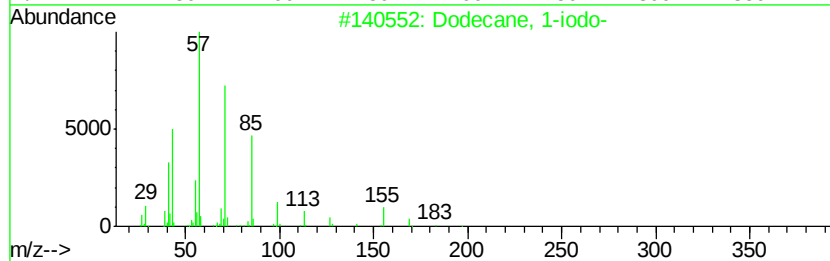
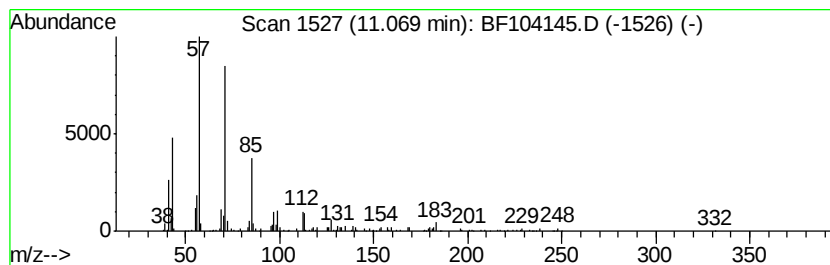
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	6.33 ng	275705	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2		Heptacosane	380	C27H56	000593-49-7	86
3		Octadecane	254	C18H38	000593-45-3	80
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5		Hexacosane	366	C26H54	000630-01-3	59



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
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Acq On : 2 Apr 2018 19:37
Operator : JU/SJ
Sample : J2099-05
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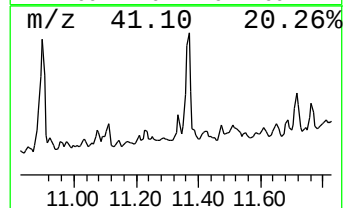
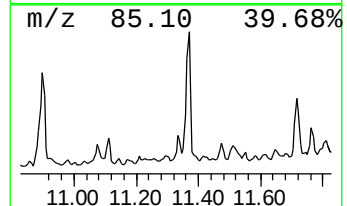
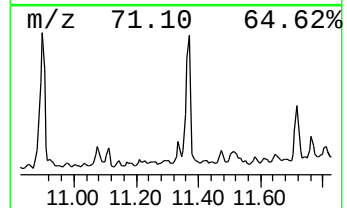
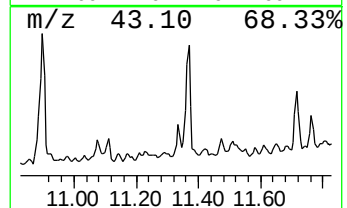
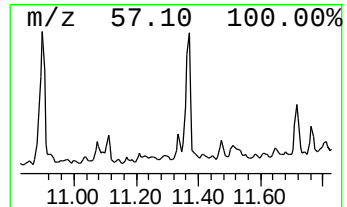
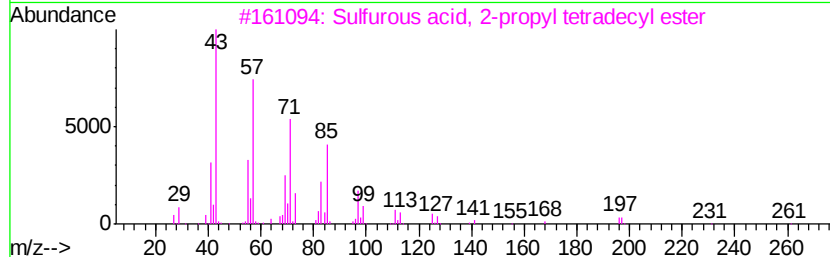
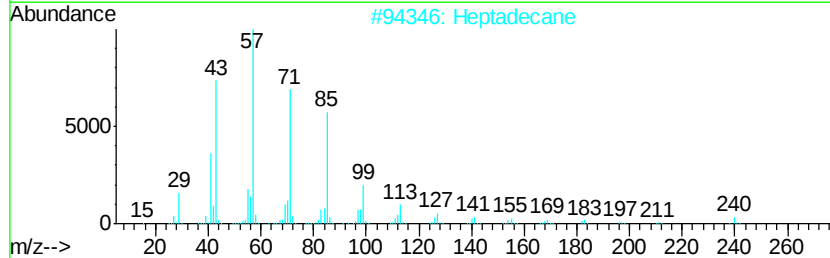
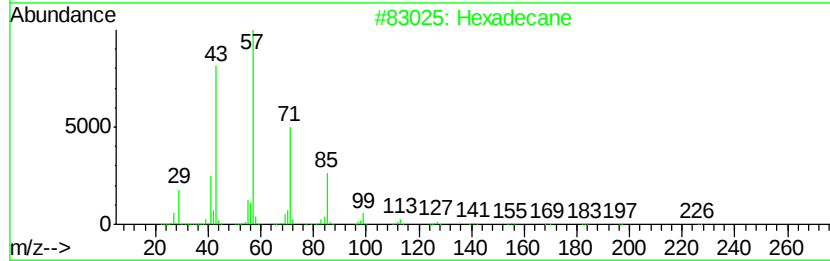
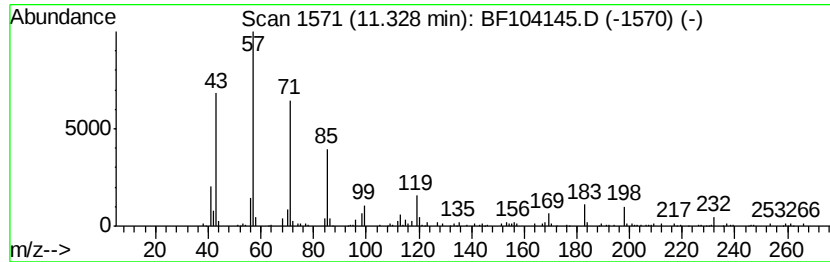
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.33	6.91 ng	301269	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Heptadecane	240	C17H36	000629-78-7	80
3	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	80
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	68



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
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ClientSampleId :
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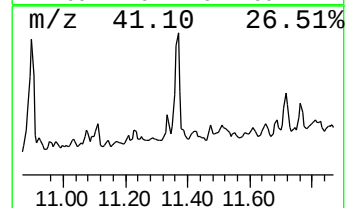
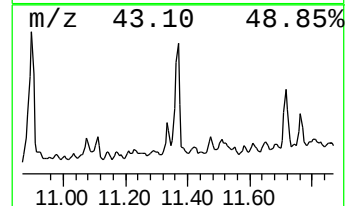
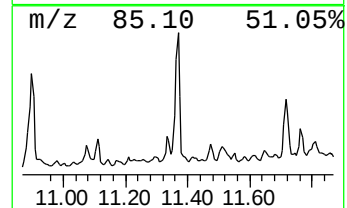
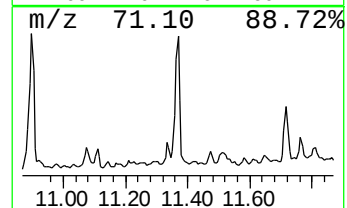
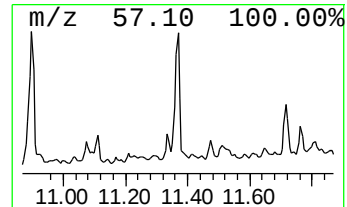
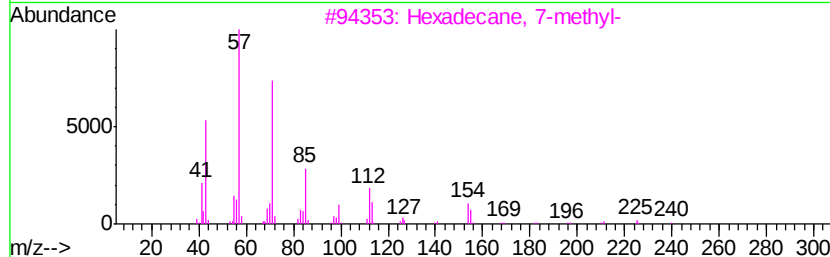
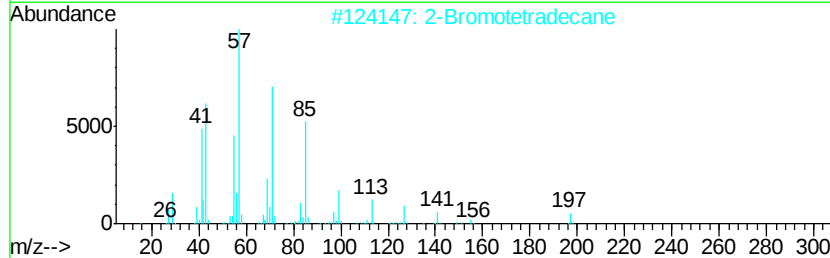
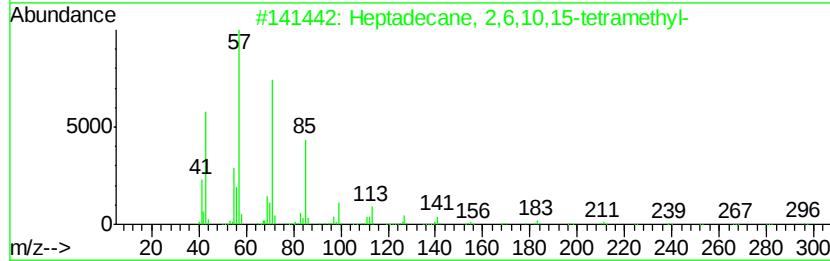
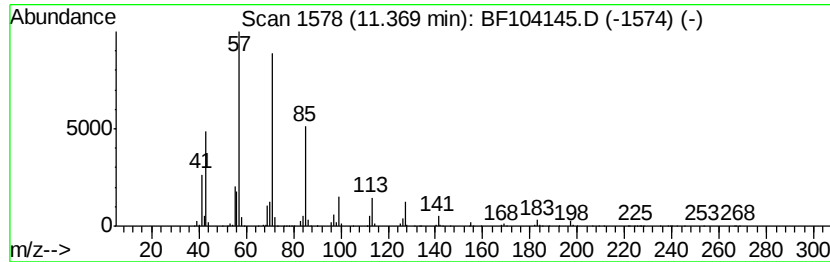
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	47.91 ng	2087590	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2			2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5			Heneicosane	296	C21H44	000629-94-7	78



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104145.D
Acq On : 2 Apr 2018 19:37
Operator : JU/SJ
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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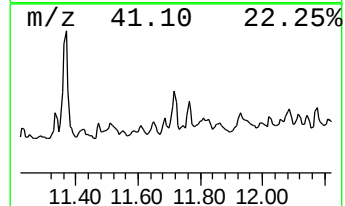
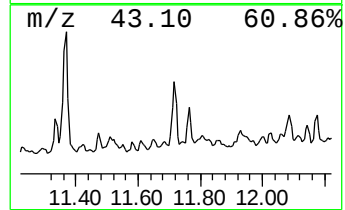
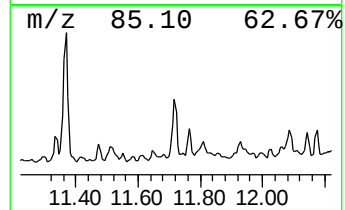
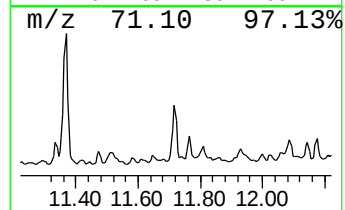
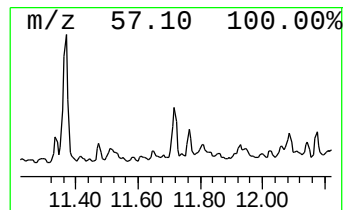
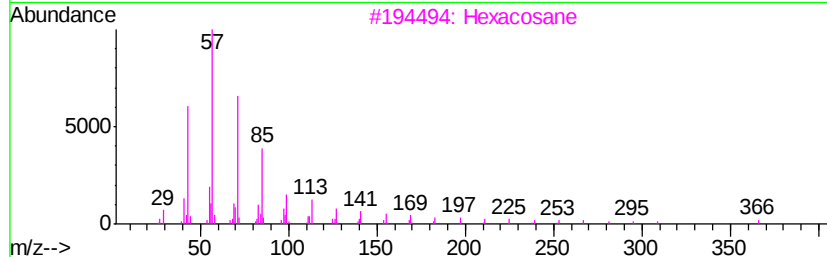
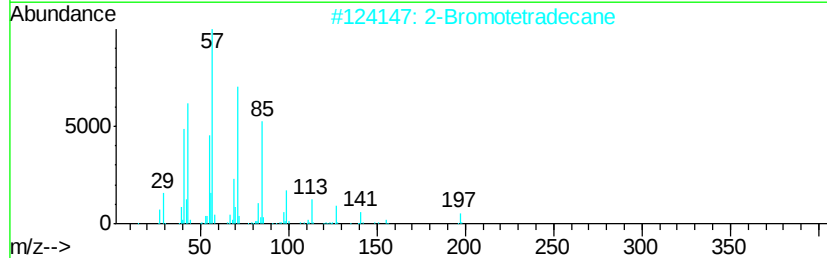
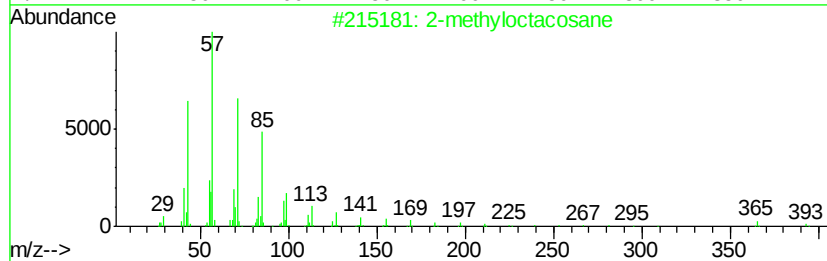
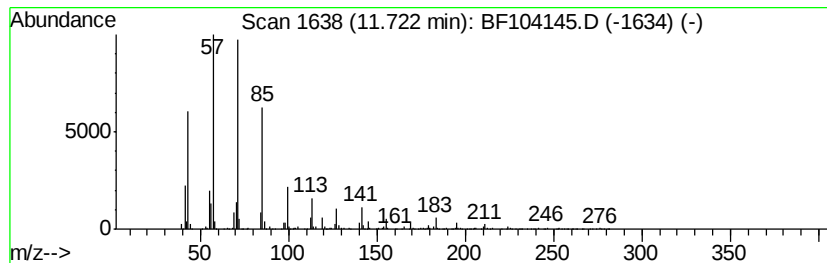
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	20.35 ng	886491	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	90
2	2-Bromotetradecane		276	C14H29Br	074036-95-6	90
3	Hexacosane		366	C26H54	000630-01-3	90
4	Hexadecane		226	C16H34	000544-76-3	86
5	Heptadecane		240	C17H36	000629-78-7	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
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ALS Vial : 22 Sample Multiplier: 1

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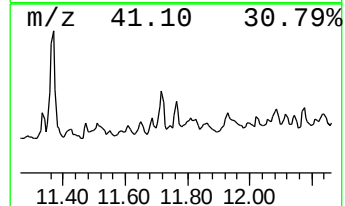
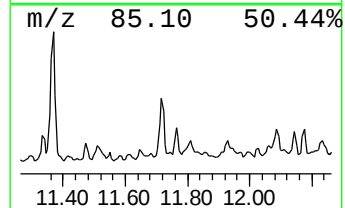
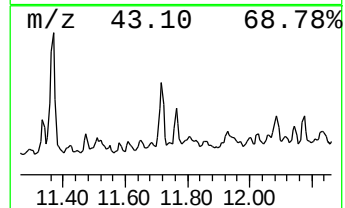
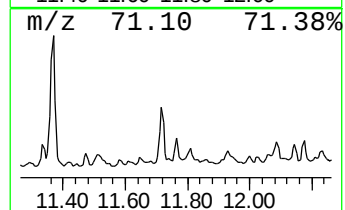
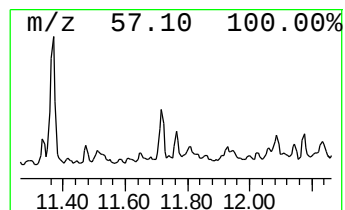
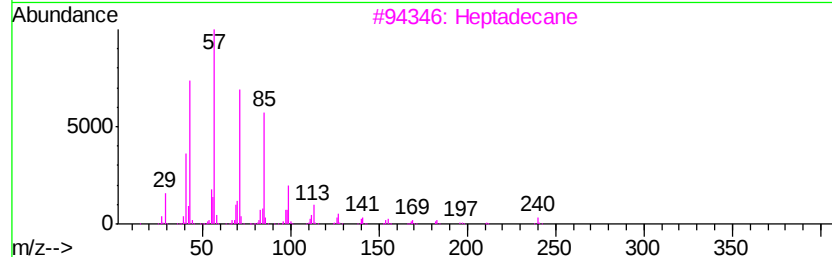
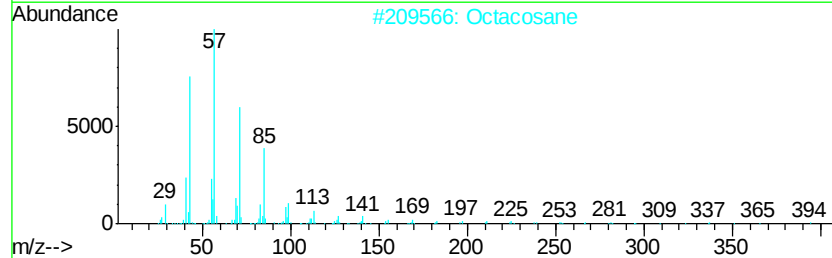
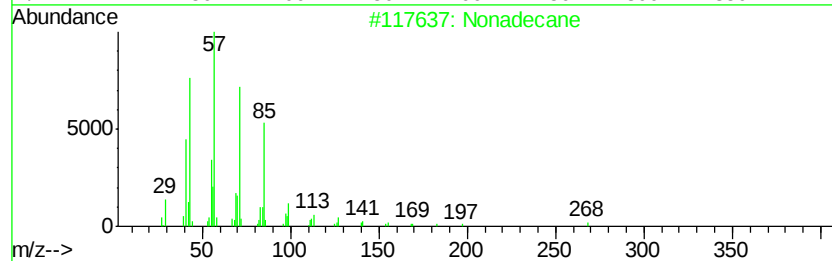
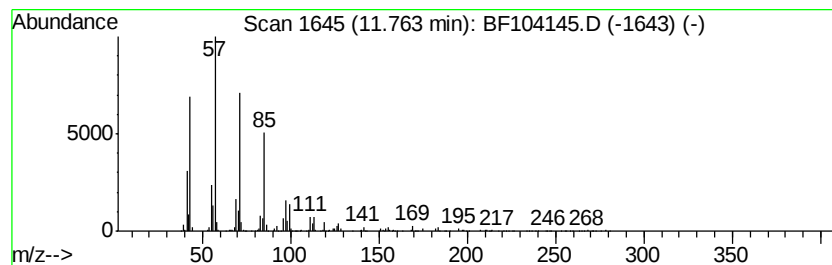
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	9.63 ng	419746	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Octacosane	394	C28H58	000630-02-4	87
3			Heptadecane	240	C17H36	000629-78-7	87
4			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5			Hentriacontane	437	C31H64	000630-04-6	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
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SB-105(2-3)

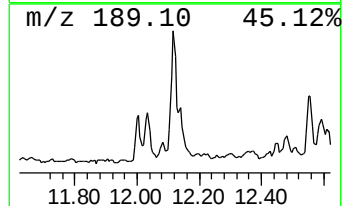
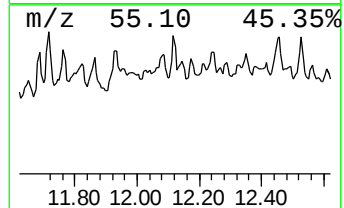
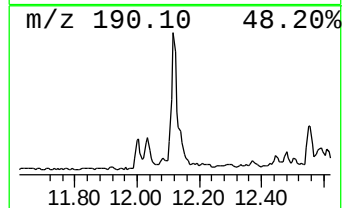
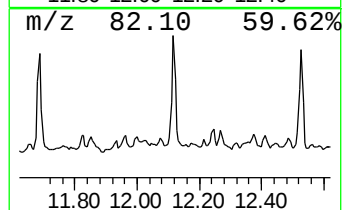
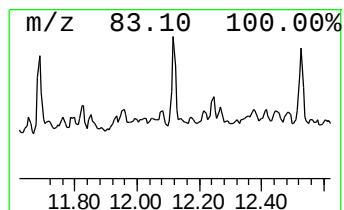
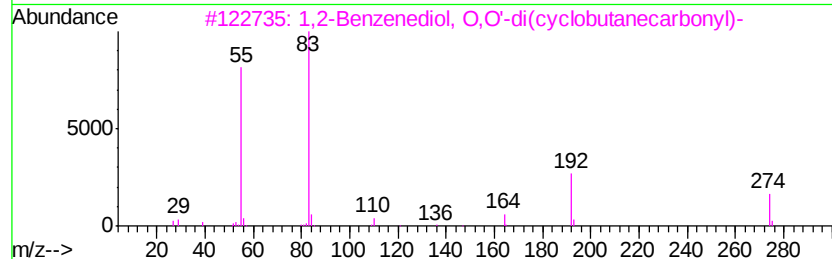
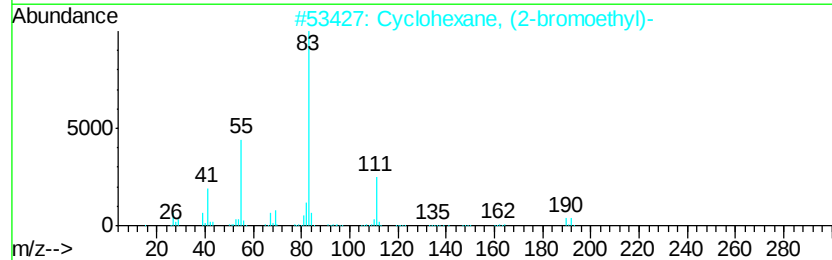
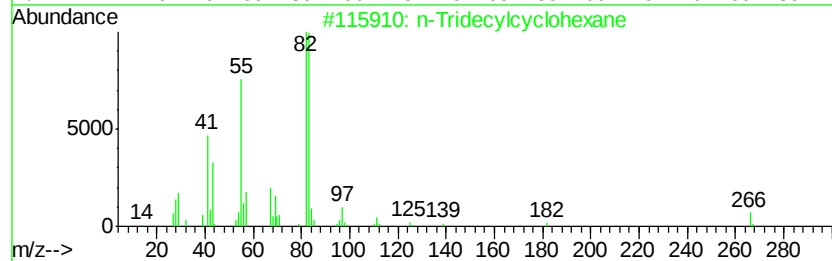
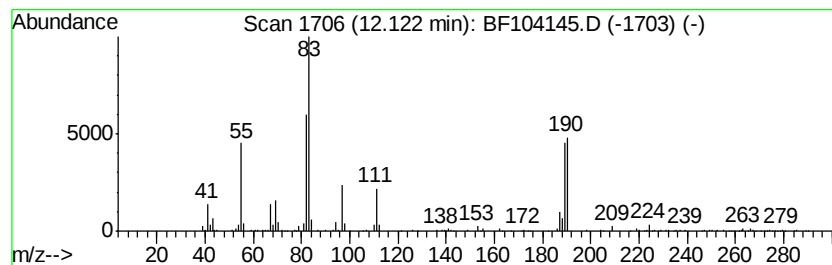
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown12.12 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	6.22 ng	271022	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tridecylcyclohexane	266	C19H38	006006-33-3	35
2		Cyclohexane, (2-bromoethyl)-	190	C8H15Br	001647-26-3	35
3		1,2-Benzenediol, 0,0'-di(cyclobu...	274	C16H18O4	1000325-99-7	27
4		Heptylcyclohexane	182	C13H26	005617-41-4	25
5		2-Pentene, 5-bromo-2,3-dimethyl-	176	C7H13Br	056312-52-8	22



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
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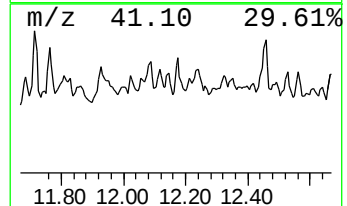
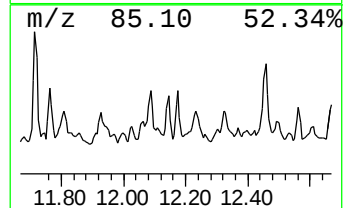
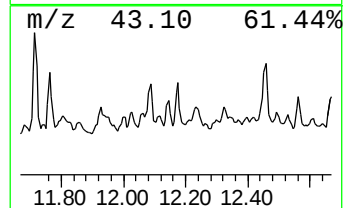
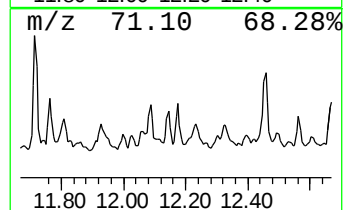
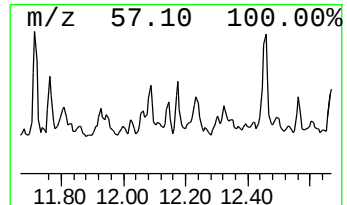
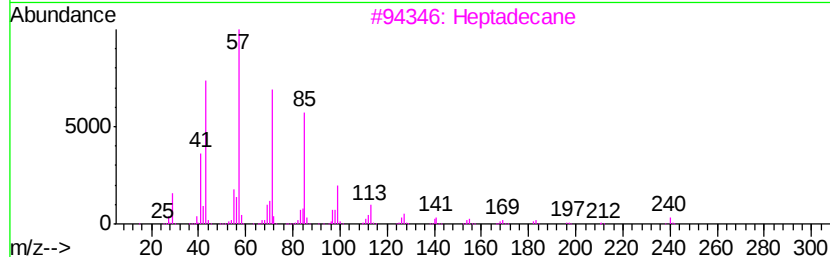
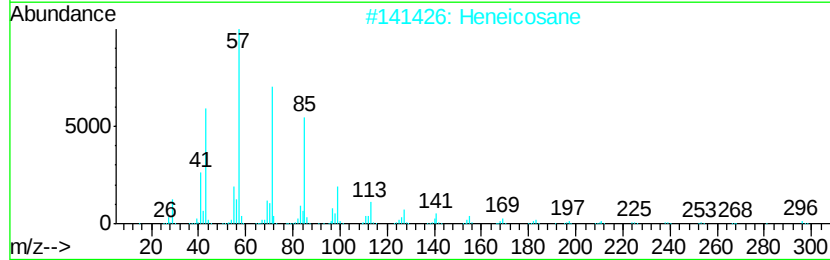
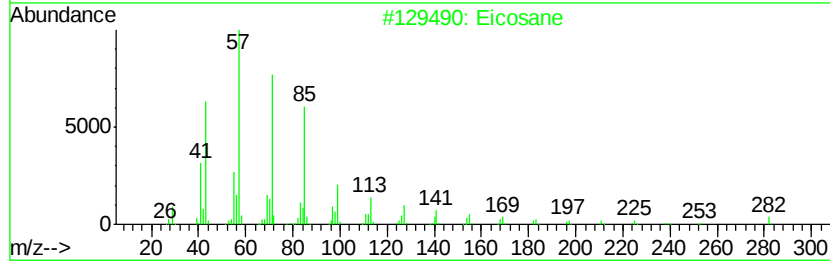
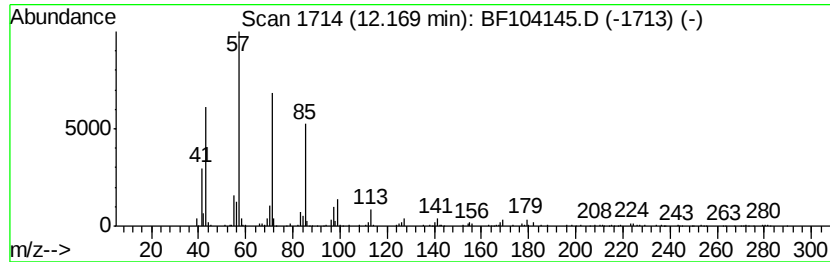
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	6.49 ng	282803	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	87
4		Tetracosane	338	C24H50	000646-31-1	72
5		Nonadecane	268	C19H40	000629-92-5	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
SB-105(2-3)

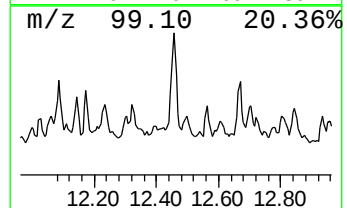
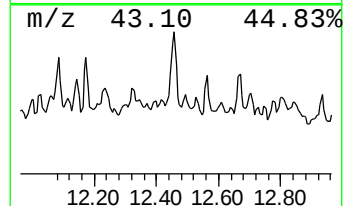
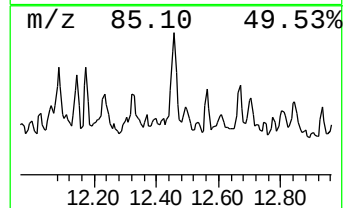
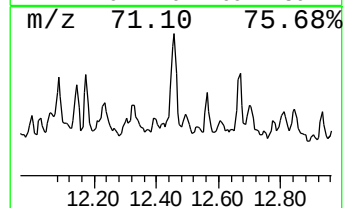
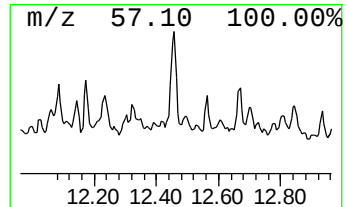
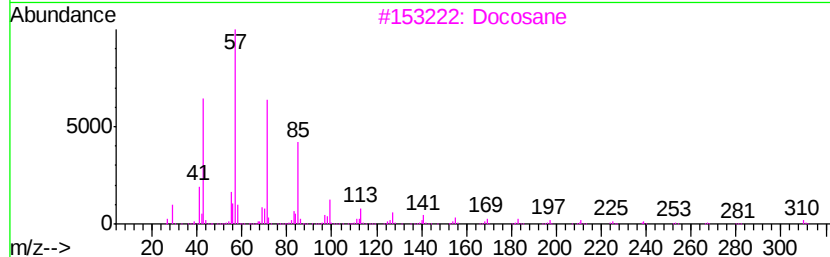
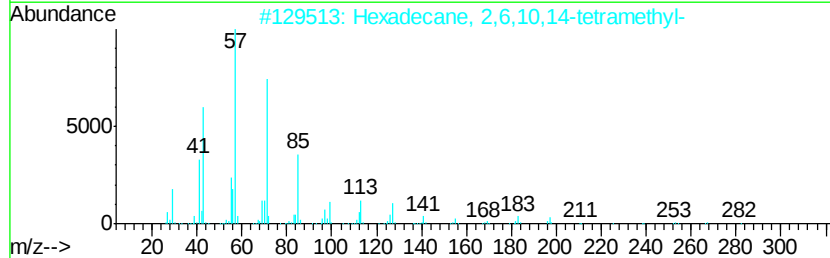
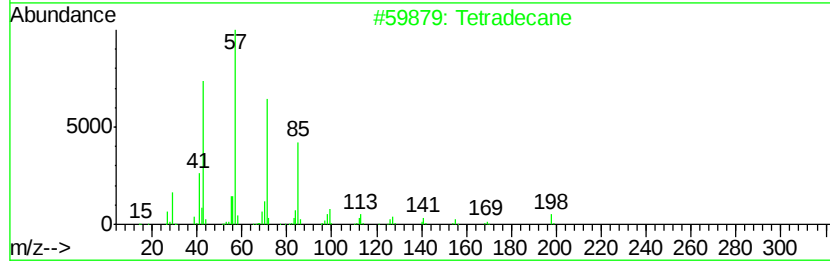
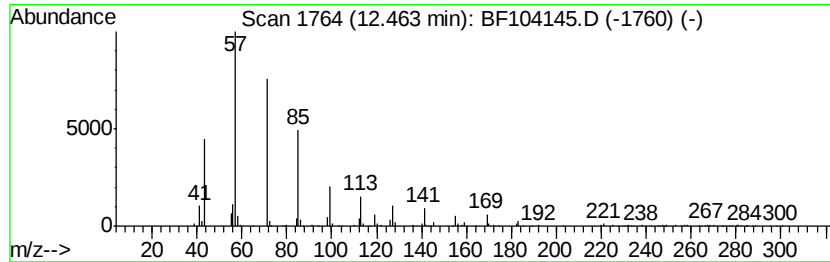
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	13.53 ng	589499	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Docosane	310	C22H46	000629-97-0	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104145.D
Acq On : 2 Apr 2018 19:37
Operator : JU/SJ
Sample : J2099-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

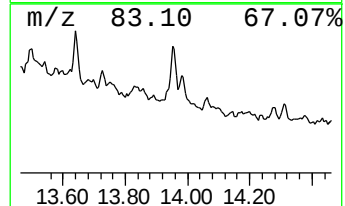
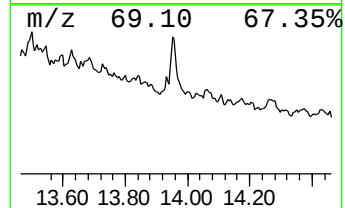
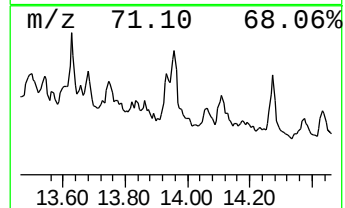
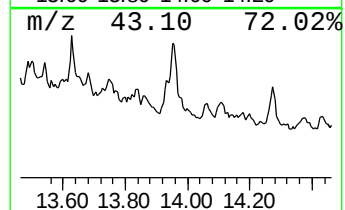
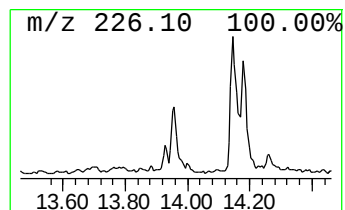
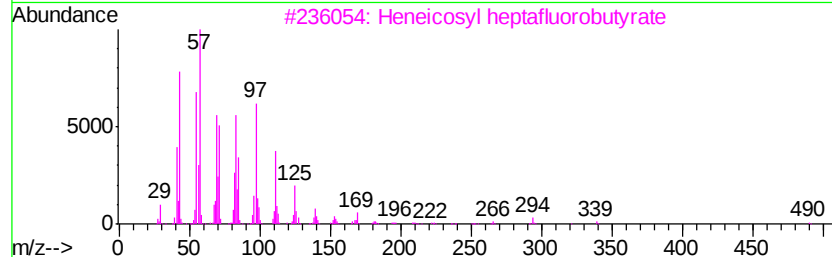
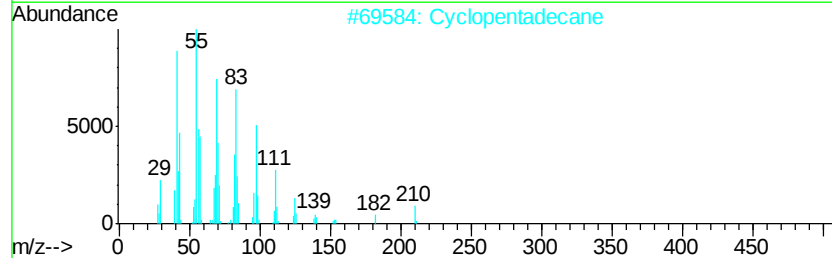
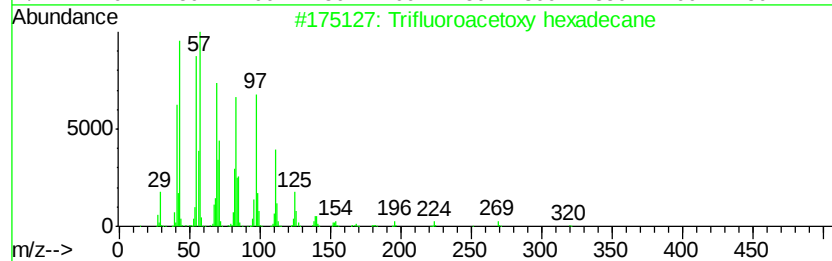
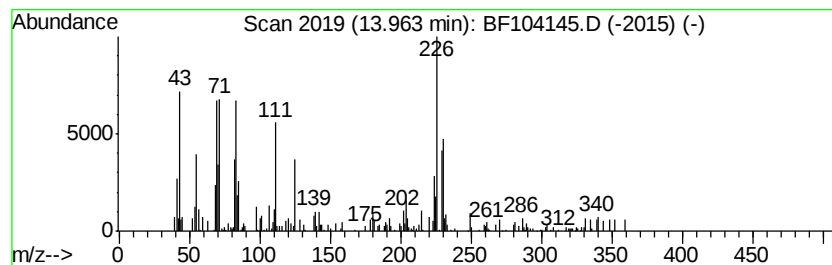
Instrument :
BNA_F
ClientSampleId :
SB-105(2-3)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Trifluoroacetoxy hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.96	5.41 ng	214652	Chrysene-d12	14.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	70
2	Cyclopentadecane	210	C15H30	000295-48-7	70
3	Heneicosyl heptafluorobutvrate	508	C25H43F7O2	1000351-83-8	60
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	60
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	55



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF040218\
 Data File : BF104145.D
 Acq On : 2 Apr 2018 19:37
 Operator : JU/SJ
 Sample : J2099-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-105(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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
unknown6.73	6.73	92.5	ng	2371160	1	6.96	512739	20.0
Naphthalene, 1-me...	9.05	12.0	ng	512573	2	8.24	857121	20.0
Naphthalene, 2,6-...	9.58	10.2	ng	416727	3	10.00	817447	20.0
Naphthalene, 1,5-...	9.65	8.9	ng	362406	3	10.00	817447	20.0
Naphthalene, 2,3,...	10.24	9.9	ng	405267	3	10.00	817447	20.0
Naphthalene, 1,6,...	10.31	7.4	ng	302348	3	10.00	817447	20.0
Tridecane	10.40	10.6	ng	431208	3	10.00	817447	20.0
Pentadecane, 2,6,...	10.63	33.6	ng	1371720	3	10.00	817447	20.0
Pentadecane, 2,6,...	10.90	60.3	ng	2628760	4	11.50	871422	20.0
Dodecane, 1-iodo-	11.07	6.3	ng	275705	4	11.50	871422	20.0
Hexadecane	11.33	6.9	ng	301269	4	11.50	871422	20.0
Heptadecane, 2,6,...	11.37	47.9	ng	2087590	4	11.50	871422	20.0
2-methyloctacosane	11.72	20.4	ng	886491	4	11.50	871422	20.0
Nonadecane	11.76	9.6	ng	419746	4	11.50	871422	20.0
unknown12.12	12.12	6.2	ng	271022	4	11.50	871422	20.0
Eicosane	12.17	6.5	ng	282803	4	11.50	871422	20.0
Tetradecane	12.46	13.5	ng	589499	4	11.50	871422	20.0
Trifluoroacetoxy ...	13.96	5.4	ng	214652	5	14.16	793203	20.0