

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114034.D
 Acq On : 29 Apr 2019 20:20
 Operator : JU/SJ
 Sample : K2544-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 135-20

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_F\METHODS\8270-BF042219.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	5.510	578	582	596	rBV	308567	326842	32.18%	1.874%
2	6.516	746	753	758	rBV	368749	357102	35.16%	2.048%
3	6.663	774	778	786	rVB	449290	394793	38.87%	2.264%
4	6.739	786	791	794	rBV2	57044	56652	5.58%	0.325%
5	6.892	814	817	825	rBV	629307	611015	60.17%	3.504%
6	7.051	840	844	848	rBV	356875	299830	29.52%	1.719%
7	7.175	862	865	868	rVB	50380	43468	4.28%	0.249%
8	7.216	868	872	874	rBV2	42060	45030	4.43%	0.258%
9	7.292	880	885	888	rBV3	47473	57386	5.65%	0.329%
10	7.445	905	911	917	rBV2	205179	284311	28.00%	1.630%
11	7.492	917	919	923	rVB	103989	92162	9.08%	0.529%
12	7.545	923	928	931	rVB4	50132	70899	6.98%	0.407%
13	7.586	931	935	936	rBV2	29670	36614	3.61%	0.210%
14	7.704	950	955	958	rVB3	65451	84691	8.34%	0.486%
15	7.780	964	968	970	rBV	30776	33798	3.33%	0.194%
16	7.828	973	976	979	rBV3	42439	44708	4.40%	0.256%
17	7.869	979	983	985	rVB3	47806	59270	5.84%	0.340%
18	7.898	985	988	989	rBV2	70304	60071	5.92%	0.344%
19	7.975	998	1001	1003	rBV2	44336	42444	4.18%	0.243%
20	8.016	1006	1008	1011	rVB	52657	44702	4.40%	0.256%
21	8.051	1011	1014	1017	rBV	31447	32010	3.15%	0.184%
22	8.086	1017	1020	1023	rBV2	36594	38167	3.76%	0.219%
23	8.139	1023	1029	1030	rBV4	36261	57591	5.67%	0.330%
24	8.175	1030	1035	1042	rVV	874464	1015551	100.00%	5.824%
25	8.222	1042	1043	1044	rVV	57595	38685	3.81%	0.222%
26	8.239	1044	1046	1048	rVB	93981	72446	7.13%	0.415%
27	8.269	1048	1051	1054	rBV3	40924	40663	4.00%	0.233%
28	8.375	1067	1069	1073	rVB3	76961	66044	6.50%	0.379%
29	8.422	1073	1077	1080	rBV4	44330	50387	4.96%	0.289%
30	8.469	1080	1085	1089	rBV4	120041	162932	16.04%	0.934%
31	8.527	1092	1095	1097	rVB3	80996	76504	7.53%	0.439%
32	8.557	1097	1100	1103	rBV3	99692	109963	10.83%	0.631%
33	8.598	1104	1107	1109	rVV	87170	79277	7.81%	0.455%
34	8.622	1109	1111	1113	rVV2	42331	37561	3.70%	0.215%

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35	8.645	1113	1115	1117	rVB	57082	46268	4.56%	0.265%
36	8.680	1117	1121	1124	rBV2	183177	174920	17.22%	1.003%
37	8.769	1133	1136	1140	rBV3	351197	314701	30.99%	1.805%
38	8.804	1140	1142	1144	rVV2	50016	57452	5.66%	0.329%
39	8.833	1144	1147	1149	rVV3	87228	96420	9.49%	0.553%
40	8.869	1151	1153	1155	rVB3	52018	40407	3.98%	0.232%
41	8.927	1160	1163	1165	rBV2	55149	47354	4.66%	0.272%
42	8.998	1172	1175	1177	rBV2	160094	135870	13.38%	0.779%
43	9.116	1193	1195	1196	rBV2	55697	45585	4.49%	0.261%
44	9.175	1202	1205	1206	rBV	62429	50313	4.95%	0.289%
45	9.198	1206	1209	1210	rVV2	120554	108725	10.71%	0.623%
46	9.245	1214	1217	1222	rBV	504865	417549	41.12%	2.394%
47	9.292	1222	1225	1227	rVB2	37837	34641	3.41%	0.199%
48	9.333	1228	1232	1236	rBV	417280	389567	38.36%	2.234%
49	9.374	1236	1239	1241	rBV4	31149	40681	4.01%	0.233%
50	9.398	1241	1243	1246	rVB	119446	106923	10.53%	0.613%
51	9.504	1256	1261	1263	rBV4	66273	81786	8.05%	0.469%
52	9.569	1268	1272	1273	rBV2	79509	90629	8.92%	0.520%
53	9.586	1273	1275	1277	rVV2	109641	107966	10.63%	0.619%
54	9.610	1277	1279	1281	rVV2	113151	98245	9.67%	0.563%
55	9.651	1281	1286	1288	rVV4	212372	289285	28.49%	1.659%
56	9.674	1288	1290	1293	rVV2	152520	138164	13.60%	0.792%
57	9.710	1293	1296	1299	rVB	154087	132767	13.07%	0.761%
58	9.798	1307	1311	1314	rBV4	40481	68472	6.74%	0.393%
59	9.863	1318	1322	1326	rVB	503971	433267	42.66%	2.485%
60	9.904	1326	1329	1330	rBV3	63166	61301	6.04%	0.352%
61	9.927	1330	1333	1337	rVB	973173	812475	80.00%	4.659%
62	10.033	1348	1351	1354	rBV2	62777	61997	6.10%	0.356%
63	10.092	1358	1361	1364	rVV3	79224	126022	12.41%	0.723%
64	10.122	1364	1366	1369	rVV4	86619	109520	10.78%	0.628%
65	10.180	1373	1376	1380	rVV5	122528	169822	16.72%	0.974%
66	10.216	1380	1382	1384	rVB	64186	48539	4.78%	0.278%
67	10.245	1384	1387	1390	rBV3	72382	93784	9.23%	0.538%
68	10.298	1394	1396	1400	rVB4	49851	58483	5.76%	0.335%
69	10.357	1401	1406	1409	rBV	566465	520613	51.26%	2.985%
70	10.416	1414	1416	1422	rVB5	51064	63533	6.26%	0.364%
71	10.469	1422	1425	1427	rBV4	34309	46232	4.55%	0.265%

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72	10.580	1439	1444	1449	rBV	189035	262529	25.85%	1.505%
73	10.633	1450	1453	1456	rVB4	58508	60105	5.92%	0.345%
74	10.663	1456	1458	1461	rBV2	62941	66288	6.53%	0.380%
75	10.710	1461	1466	1470	rBV2	206750	246413	24.26%	1.413%
76	10.833	1484	1487	1494	rVB	523596	612658	60.33%	3.513%
77	11.021	1517	1519	1521	rBV	42312	32387	3.19%	0.186%
78	11.092	1529	1531	1533	rBV2	41163	30625	3.02%	0.176%
79	11.280	1559	1563	1566	rVV	481179	414806	40.85%	2.379%
80	11.310	1566	1568	1574	rVB	189766	209910	20.67%	1.204%
81	11.410	1582	1585	1588	rBV	834933	775904	76.40%	4.449%
82	11.551	1607	1609	1613	rVV	44236	31832	3.13%	0.183%
83	11.592	1613	1616	1619	rVB2	46567	49684	4.89%	0.285%
84	11.704	1632	1635	1638	rBV	374636	282830	27.85%	1.622%
85	11.804	1649	1652	1654	rVB	63994	58644	5.77%	0.336%
86	11.868	1661	1663	1665	rBV2	39317	35088	3.46%	0.201%
87	11.933	1672	1674	1678	rBV2	63062	76806	7.56%	0.440%
88	12.110	1702	1704	1709	rVB	288840	234594	23.10%	1.345%
89	12.392	1750	1752	1755	rVB	47230	36889	3.63%	0.212%
90	12.504	1765	1771	1780	rVB3	348643	631611	62.19%	3.622%
91	12.621	1789	1791	1796	rBV	63690	72173	7.11%	0.414%
92	12.668	1796	1799	1801	rVB	61531	53241	5.24%	0.305%
93	12.715	1805	1807	1810	rBV3	45015	62994	6.20%	0.361%
94	12.851	1828	1830	1832	rBV	82747	83859	8.26%	0.481%
95	12.868	1832	1833	1837	rVB	150264	117360	11.56%	0.673%
96	12.992	1851	1854	1860	rVB	465041	433409	42.68%	2.485%
97	13.227	1891	1894	1896	rBV	108783	95992	9.45%	0.550%
98	13.510	1939	1942	1945	rBV	70953	66743	6.57%	0.383%
99	14.051	2030	2034	2037	rBV	988568	981025	96.60%	5.626%
100	15.539	2284	2287	2291	rVB	532784	677962	66.76%	3.888%

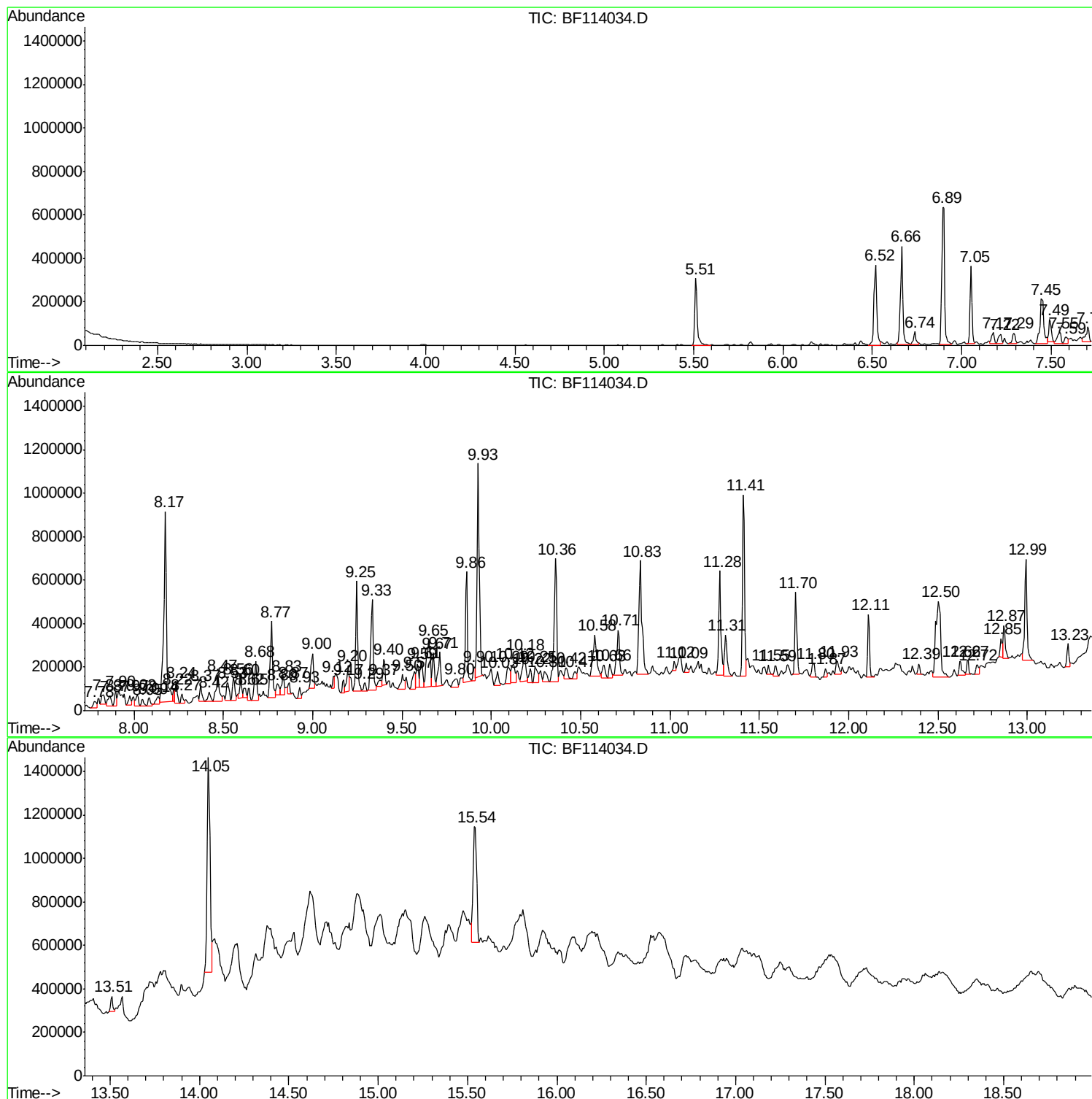
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Instrument :
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ClientSampled :
135-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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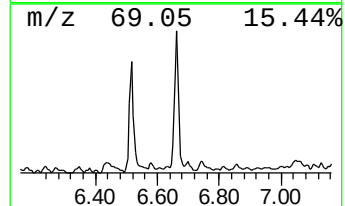
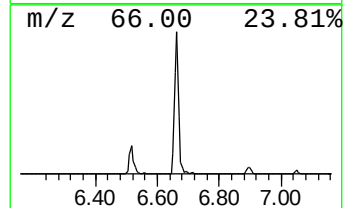
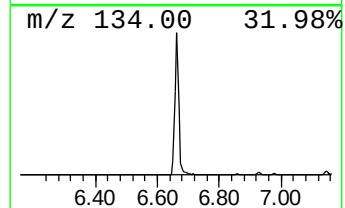
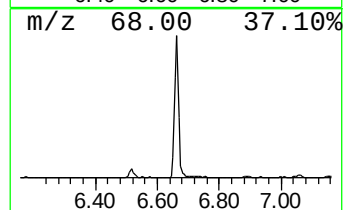
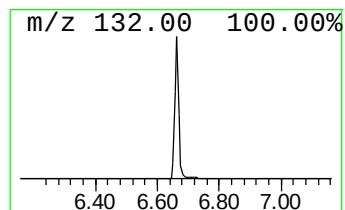
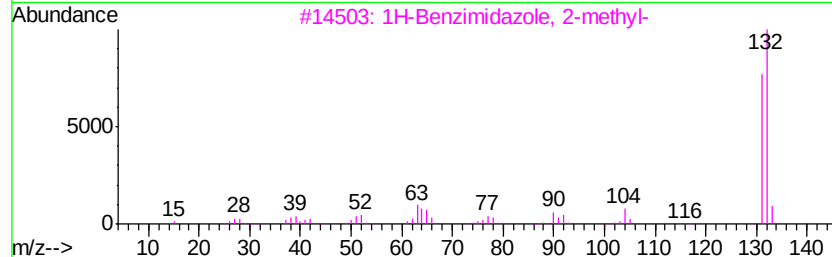
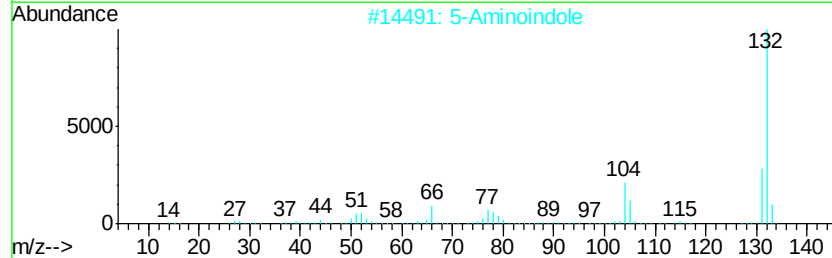
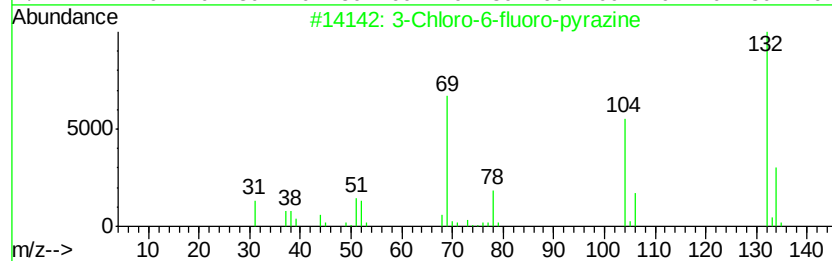
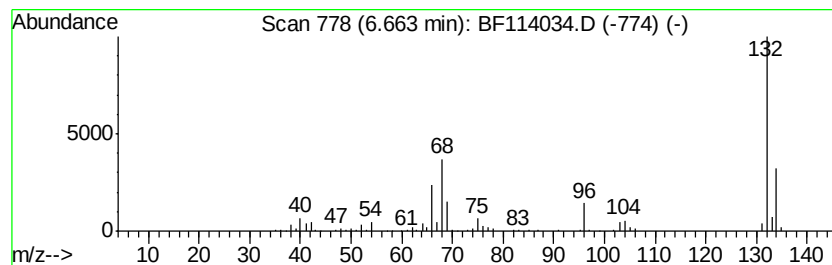
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	12.92 ng	394793	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		5-Aminoindole	132	C8H8N2	005192-03-0	16
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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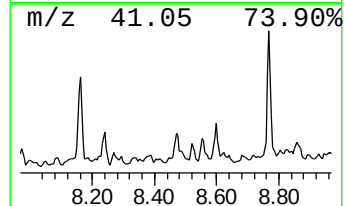
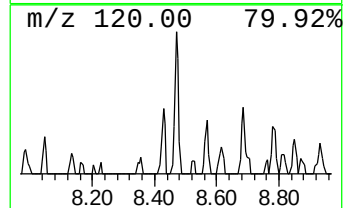
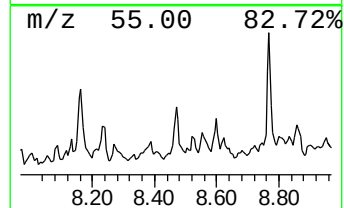
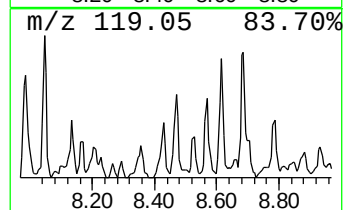
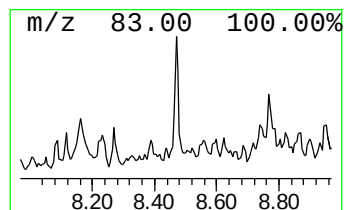
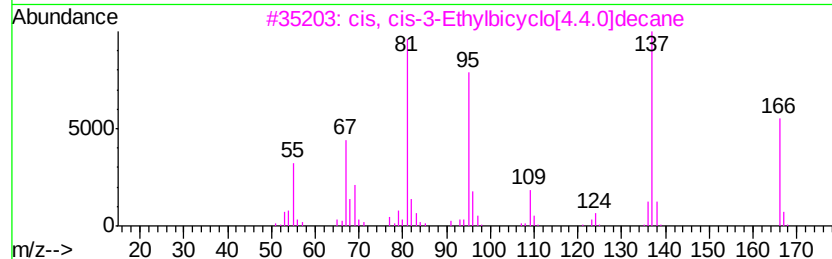
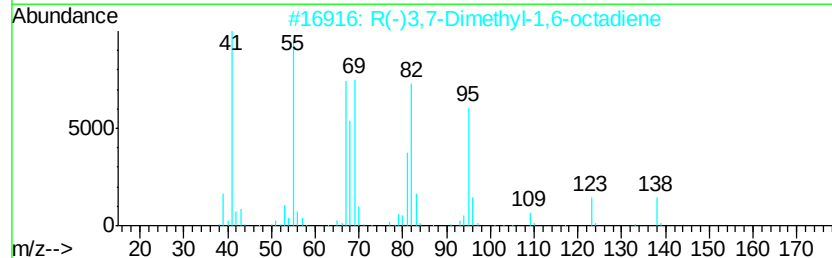
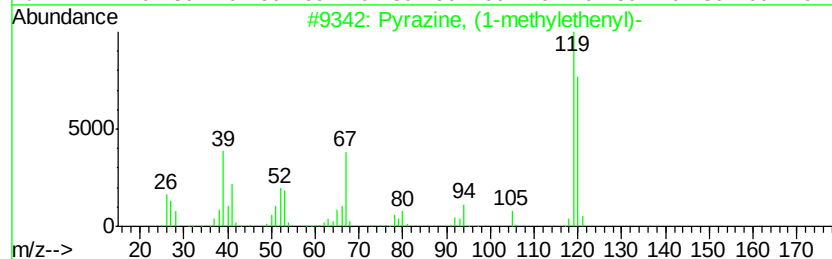
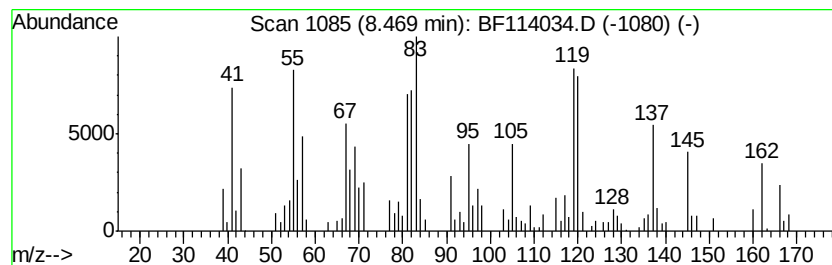
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.47 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	3.21 ng	162932	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazine, (1-methylethenyl)-	120	C7H8N2	038713-41-6	25
2		R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	25
3		cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	15
4		trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	15
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	14



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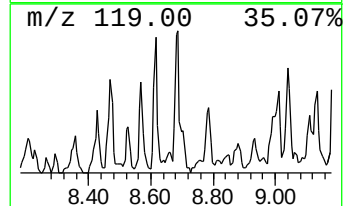
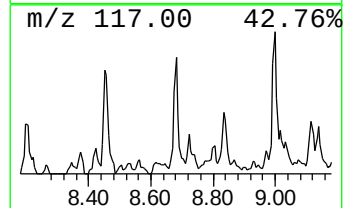
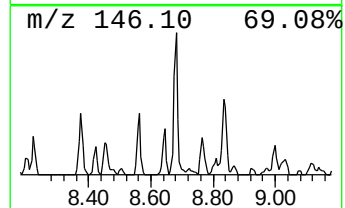
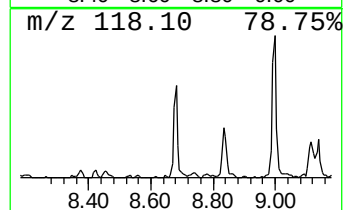
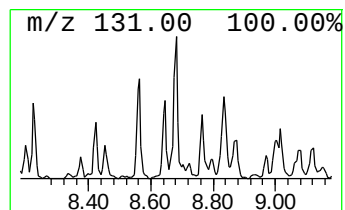
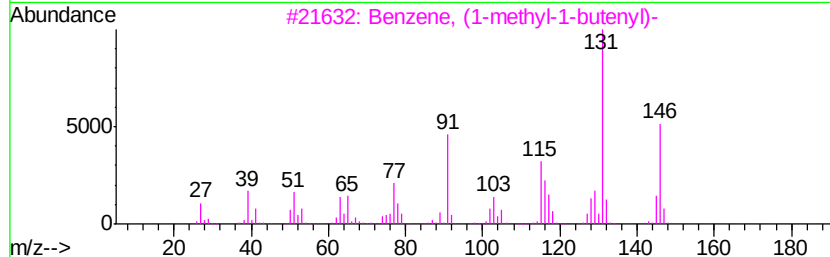
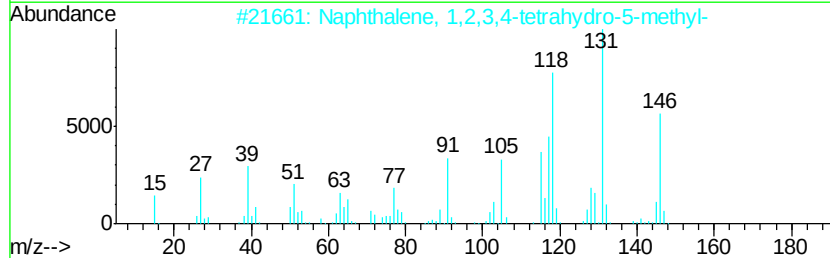
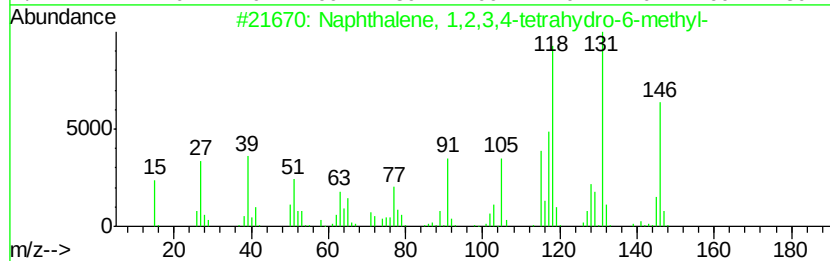
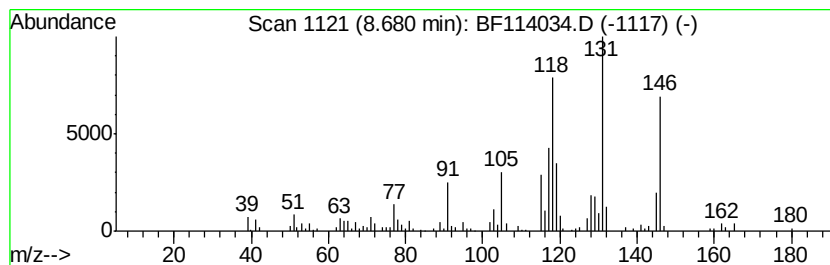
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	3.44 ng	174920	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114034.D
Acq On : 29 Apr 2019 20:20
Operator : JU/SJ
Sample : K2544-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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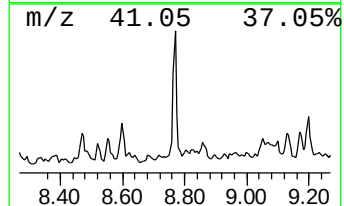
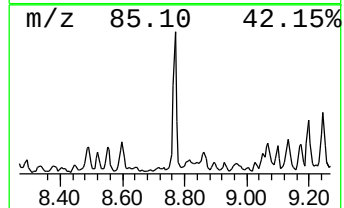
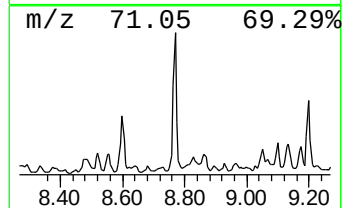
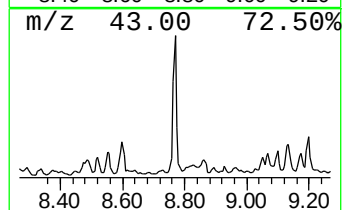
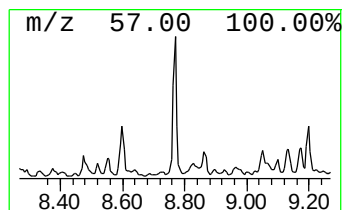
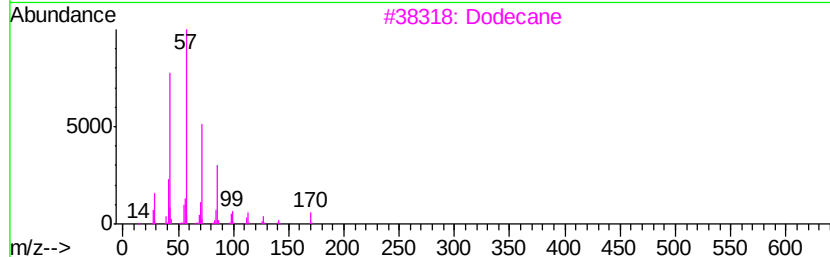
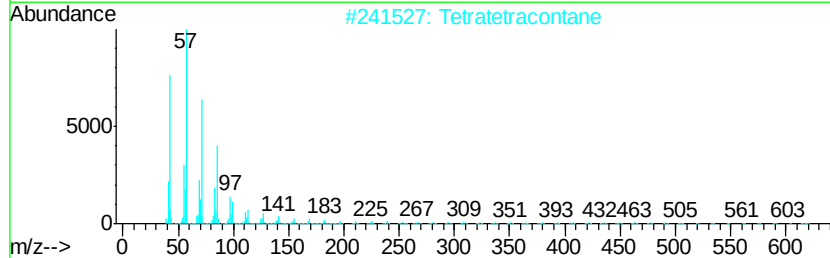
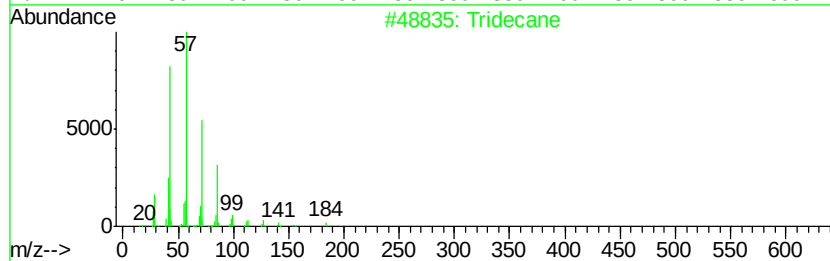
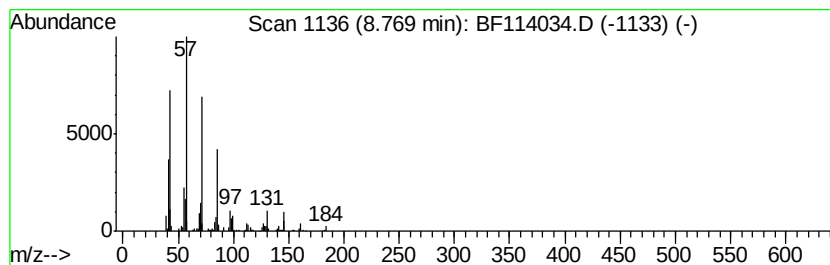
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	6.20 ng	314701	Naphthalene-d8	8.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Tetratetracontane		619	C44H90	007098-22-8	64
3	Dodecane		170	C12H26	000112-40-3	58
4	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	52
5	Tetradecane		198	C14H30	000629-59-4	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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Sample : K2544-01 5X
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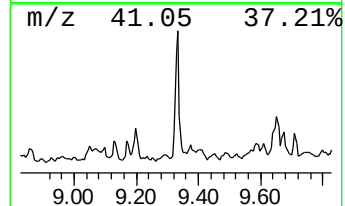
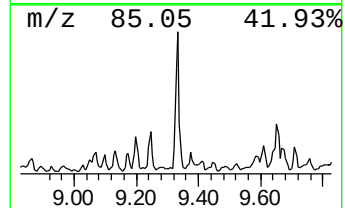
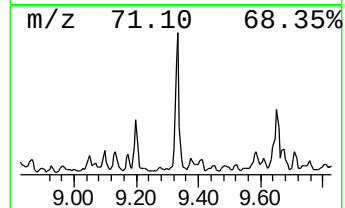
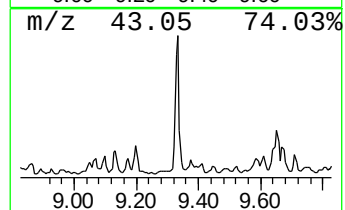
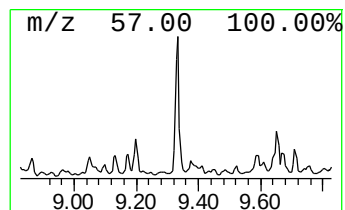
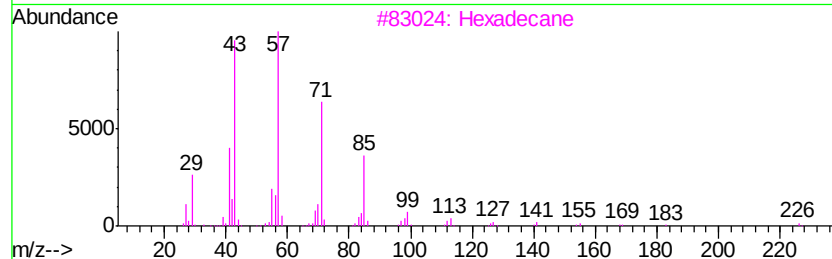
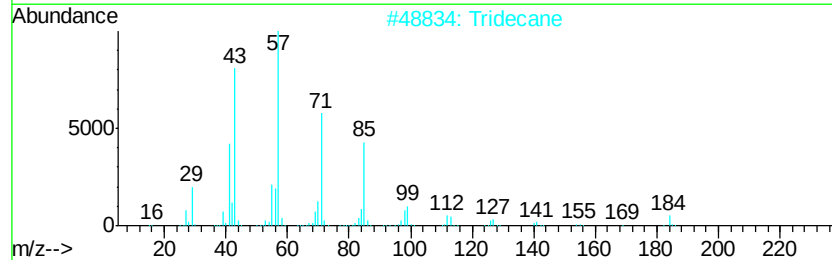
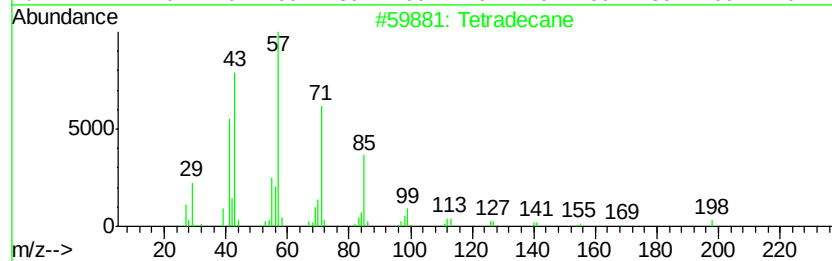
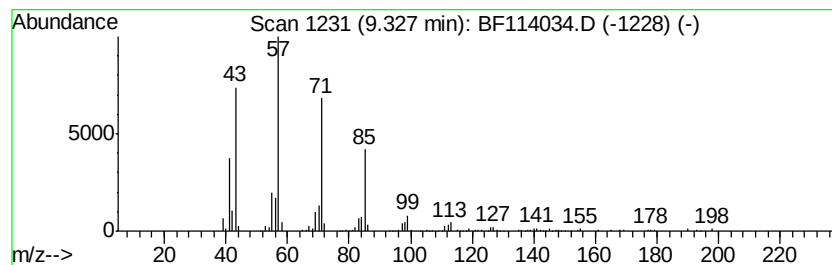
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.33	9.59 ng	389567	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tridecane	184	C13H28	000629-50-5	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114034.D
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Operator : JU/SJ
Sample : K2544-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

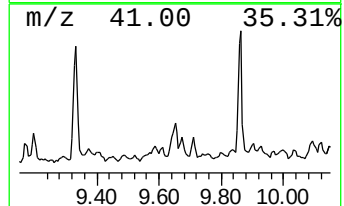
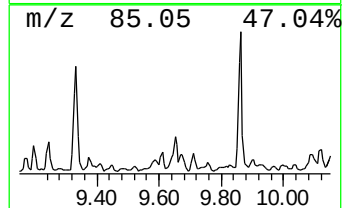
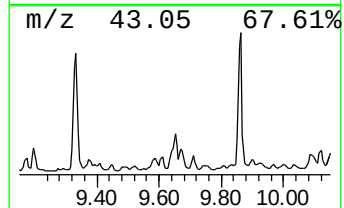
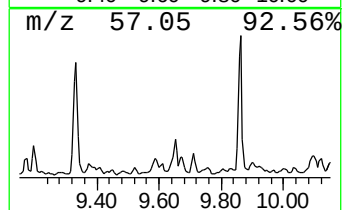
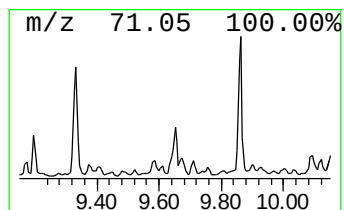
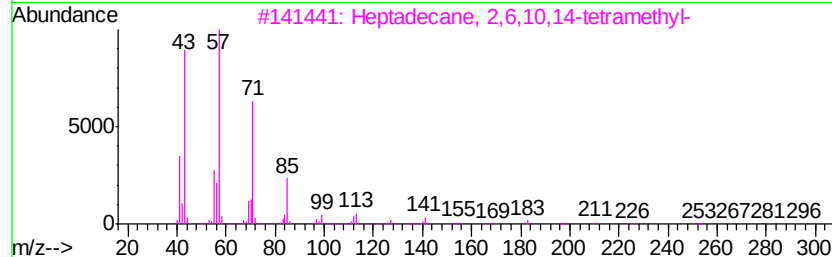
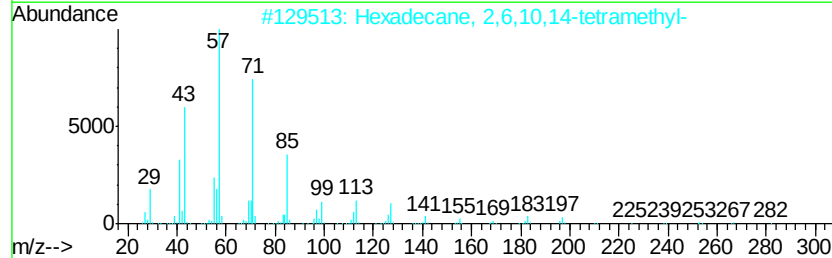
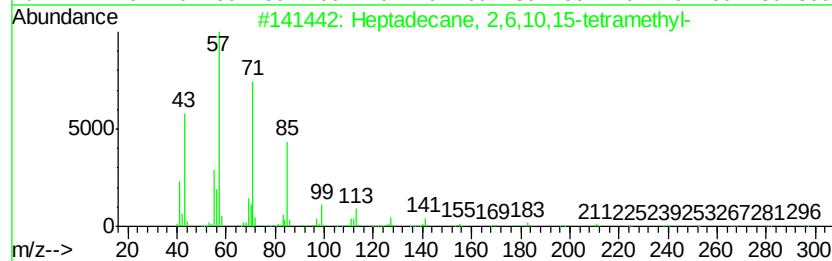
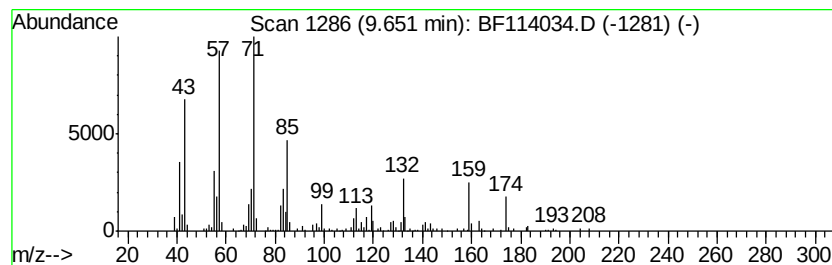
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.65 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.65	7.12 ng	289285	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	47
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	47
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	47
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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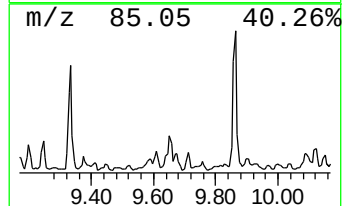
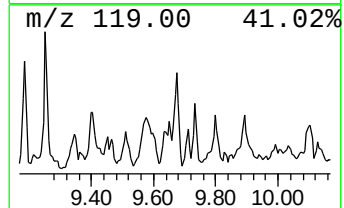
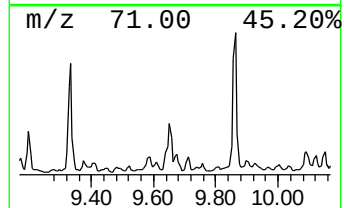
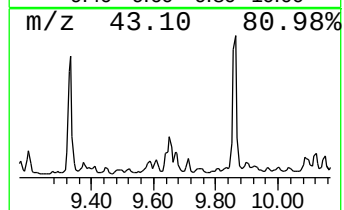
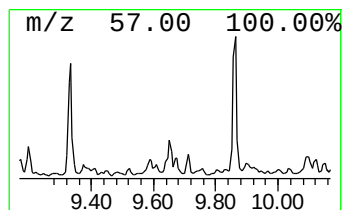
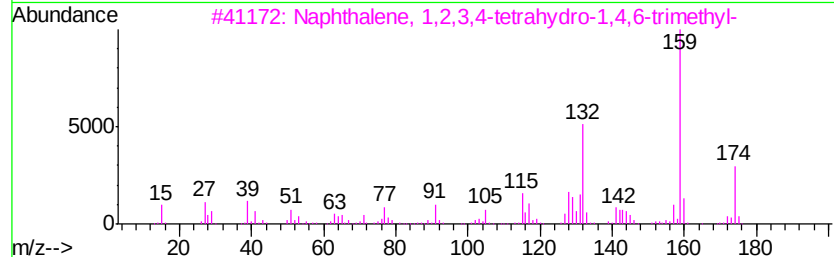
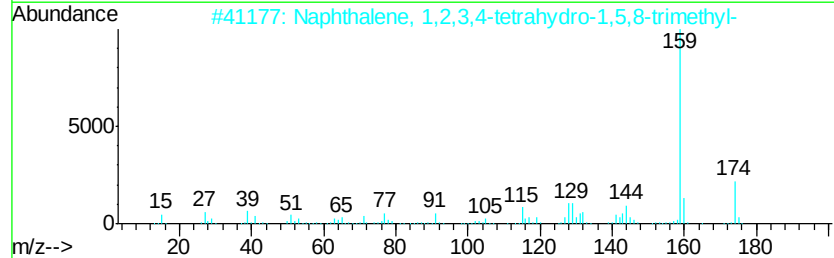
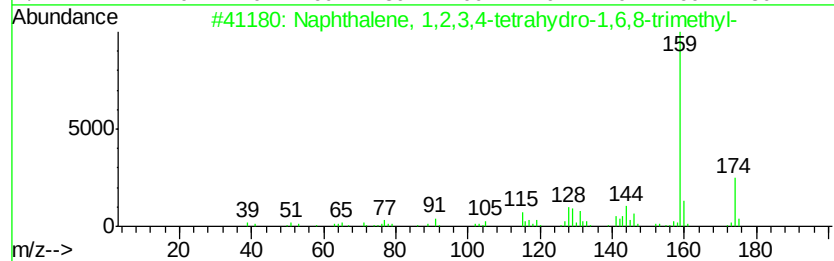
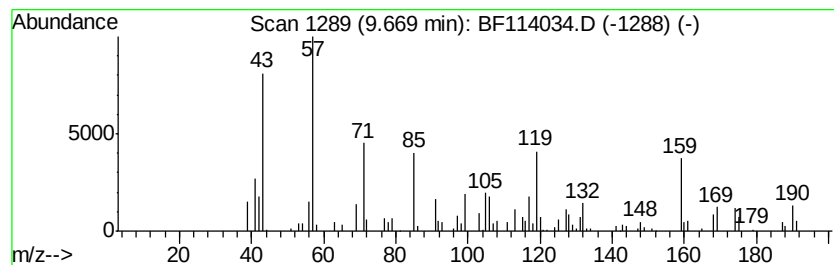
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	3.40 ng	138164	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	86
3		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	83
4		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	74
5		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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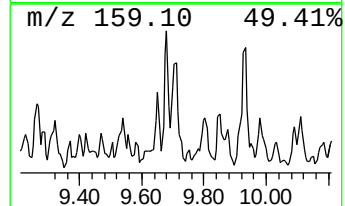
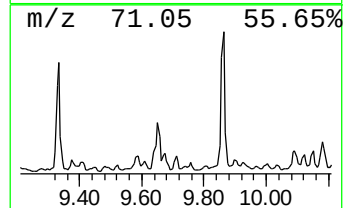
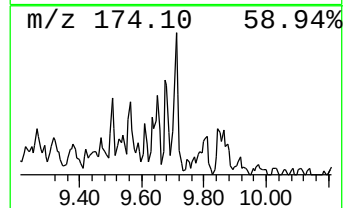
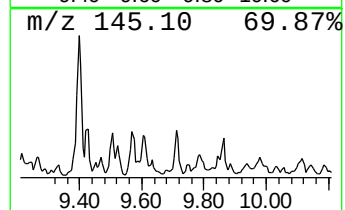
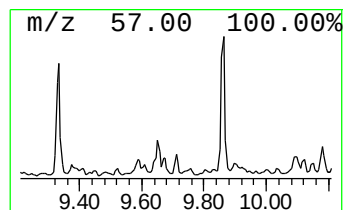
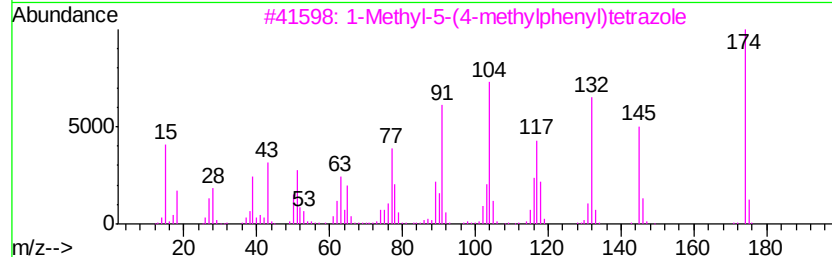
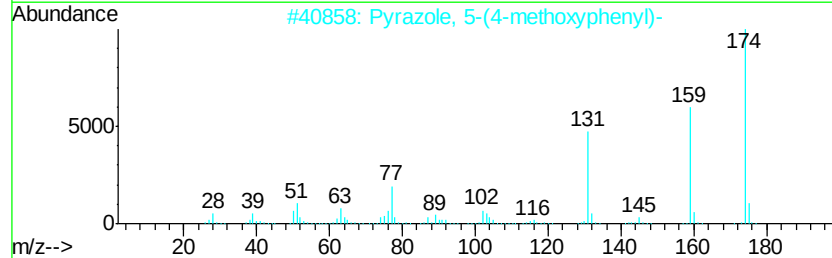
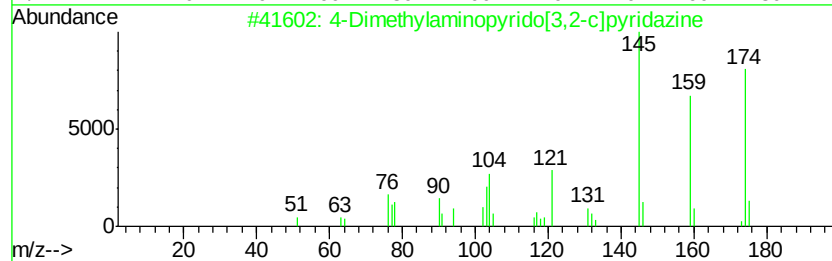
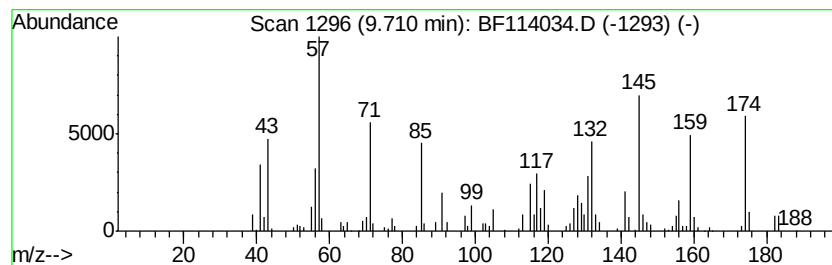
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.71 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.71	3.27 ng	132767	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Dimethylaminopyrido[3,2-c]pyri...	174	C9H10N4	1000326-90-5	38
2	Pyrazole, 5-(4-methoxyphenyl)-	174	C10H10N2O	1000157-86-0	30
3	1-Methyl-5-(4-methylphenyl)tetra...	174	C9H10N4	068826-33-5	27
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	25
5	3-Isopropylidenephthalide	174	C11H10O2	004767-54-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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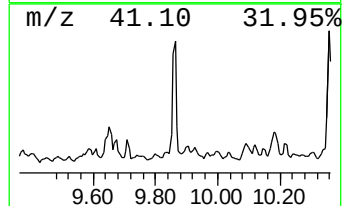
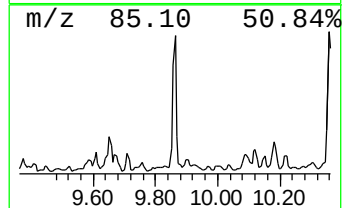
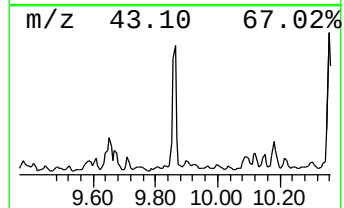
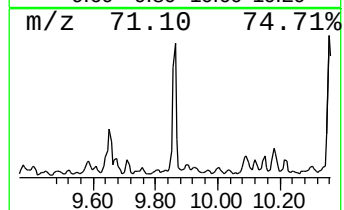
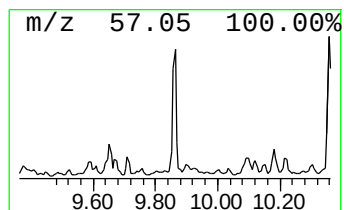
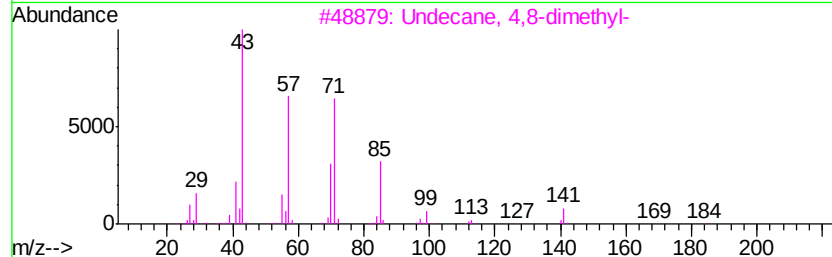
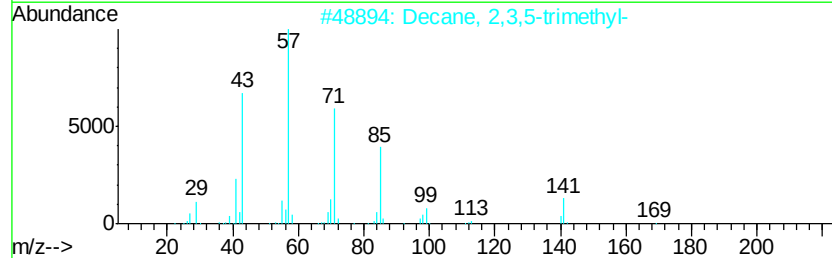
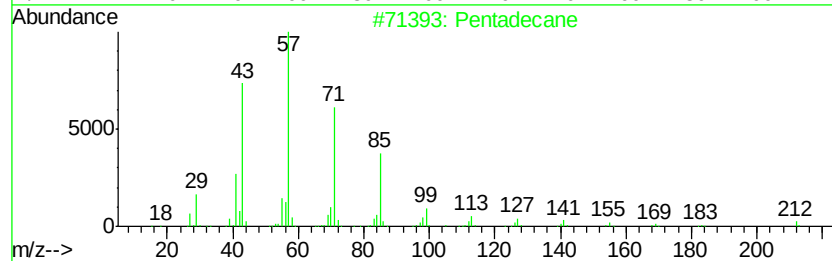
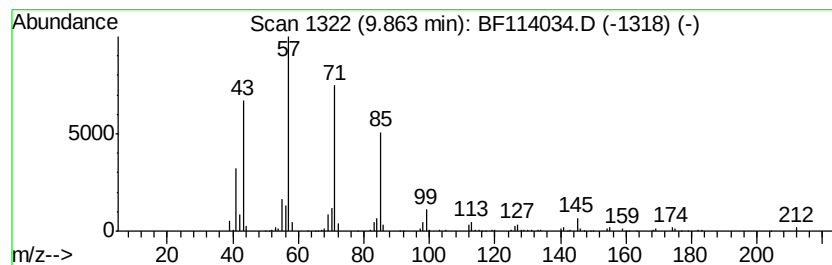
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	10.67 ng	433267	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	92
2	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	86
3	Undecane, 4,8-dimethyl-	184 C13H28	017301-33-6	78
4	Hexadecane	226 C16H34	000544-76-3	72
5	1,3-Dimethylcyclopentanol	114 C7H14O	019550-46-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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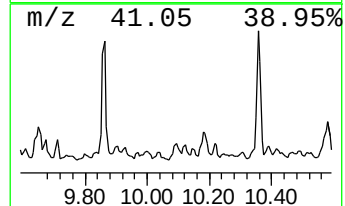
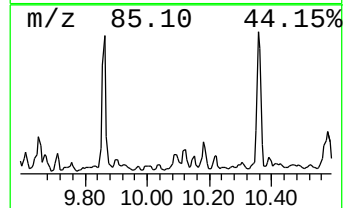
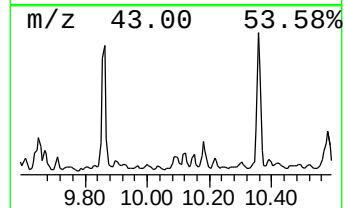
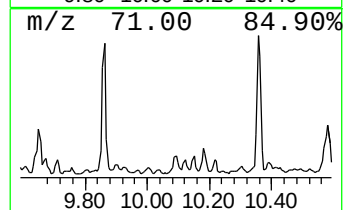
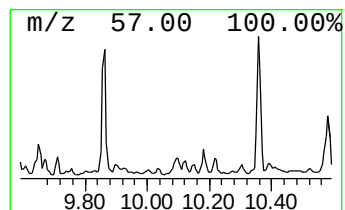
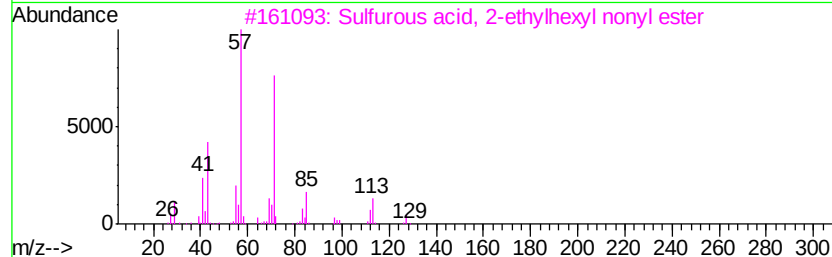
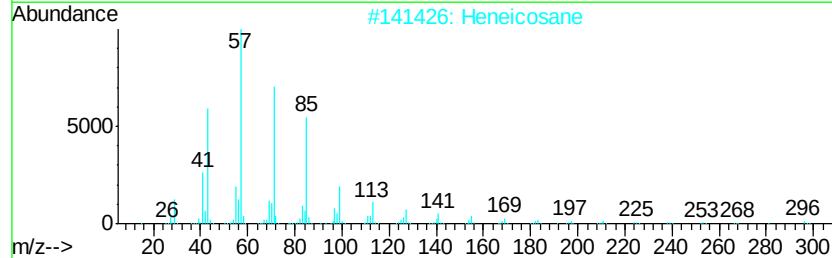
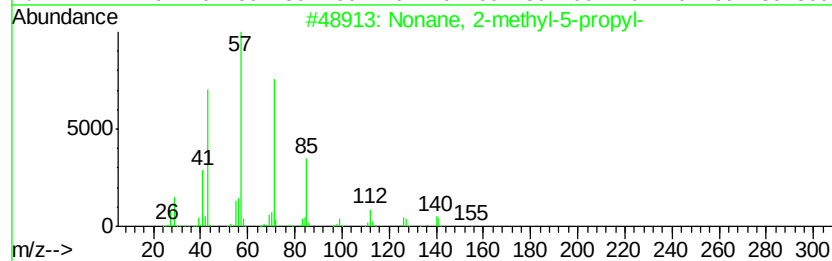
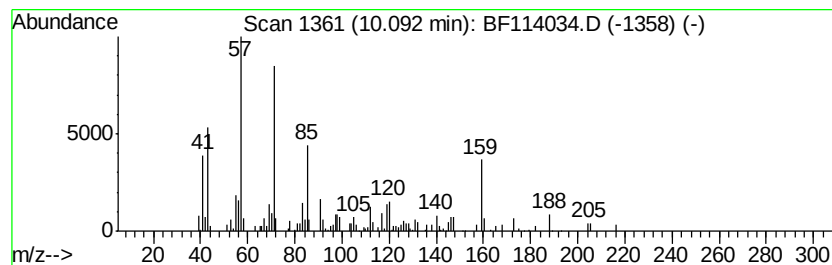
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonane, 2-methyl-5-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	3.10 ng	126022	Acenaphthene-d10	9.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	58
2			Heneicosane	296	C21H44	000629-94-7	52
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	46
4			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	46
5			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114034.D
Acq On : 29 Apr 2019 20:20
Operator : JU/SJ
Sample : K2544-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

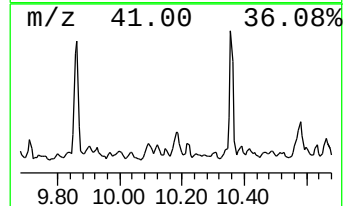
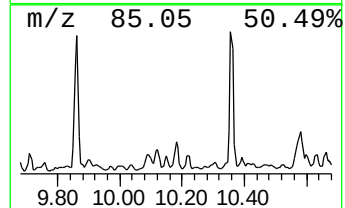
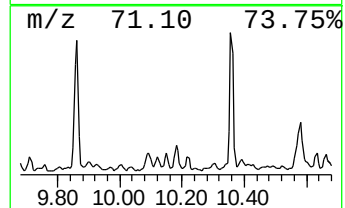
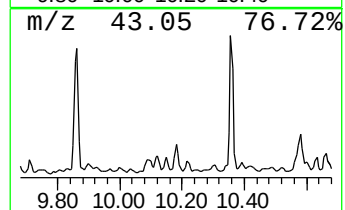
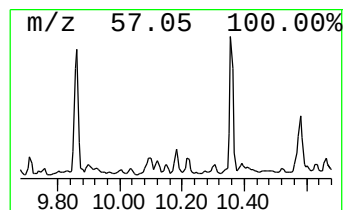
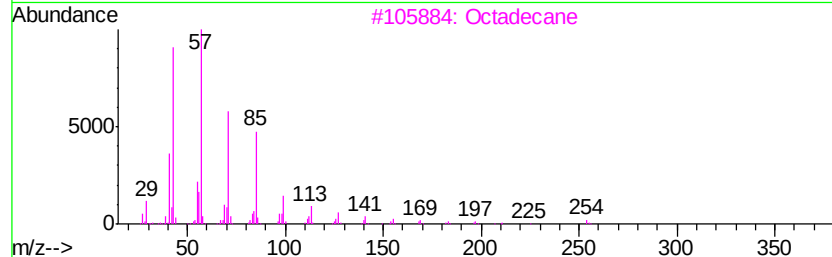
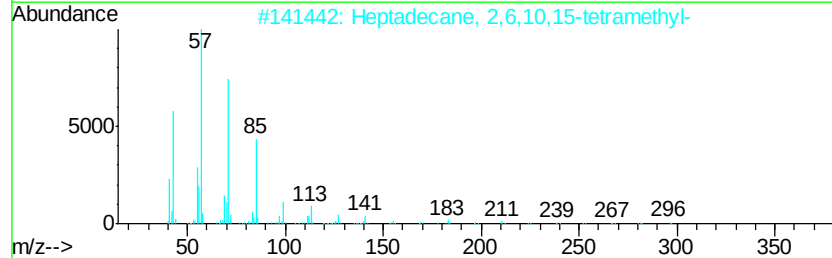
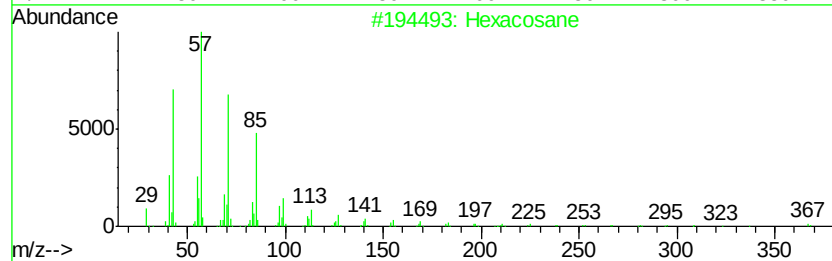
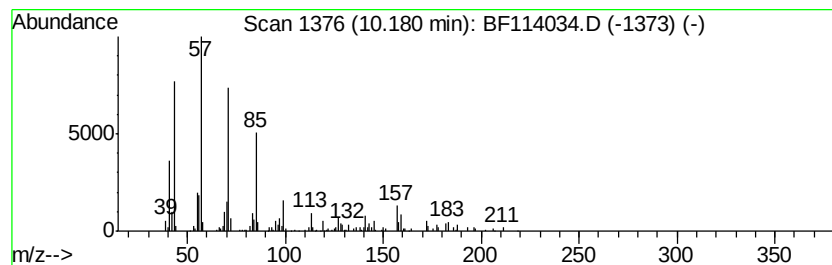
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	4.18 ng	169822	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	83
3	Octadecane	254 C18H38	000593-45-3	80
4	Undecane, 3,8-dimethyl-	184 C13H28	017301-30-3	80
5	2-Bromo dodecane	248 C12H25Br	013187-99-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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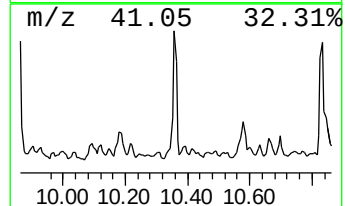
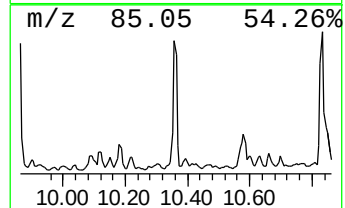
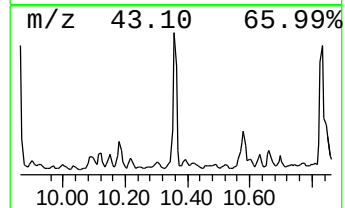
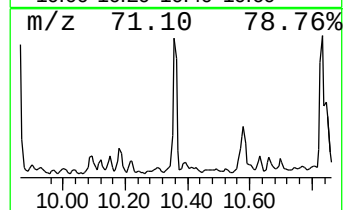
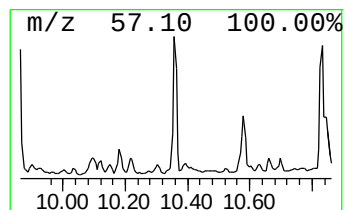
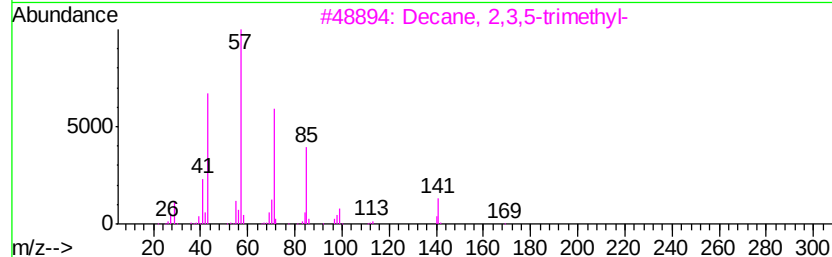
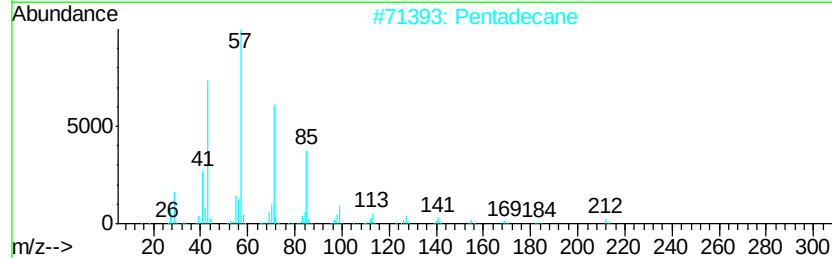
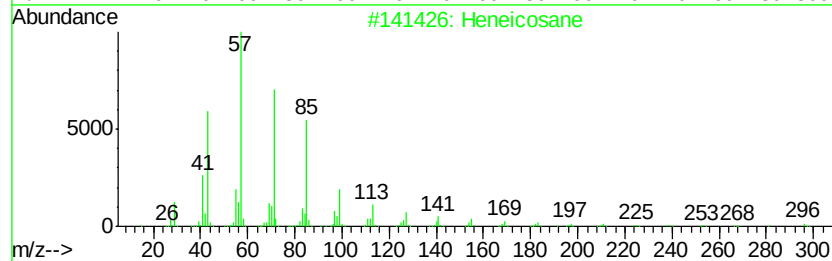
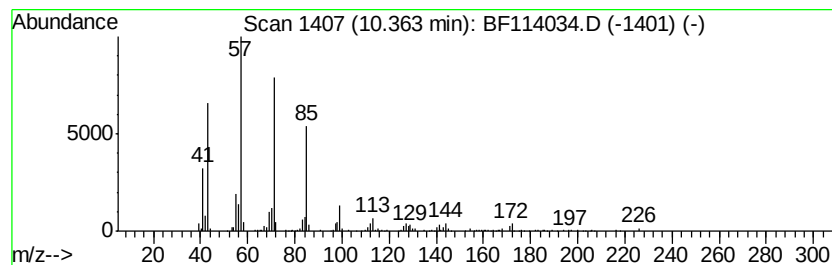
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.36	12.82 ng	520613	Acenaphthene-d10		9.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4		Heptadecane	240	C17H36	000629-78-7	87
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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Sample : K2544-01 5X
Misc :
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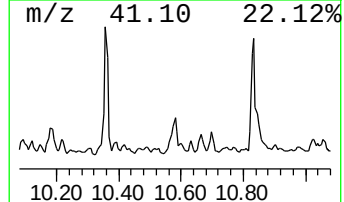
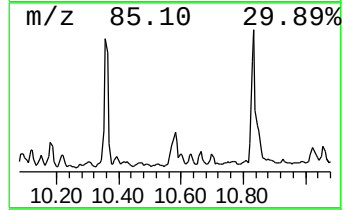
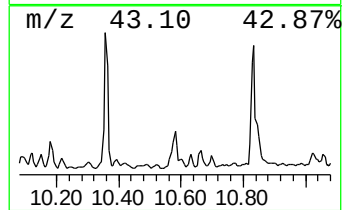
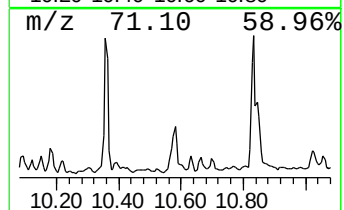
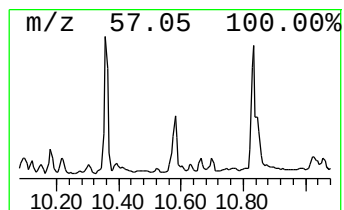
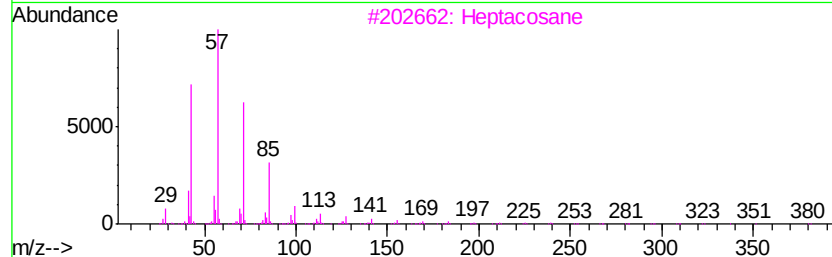
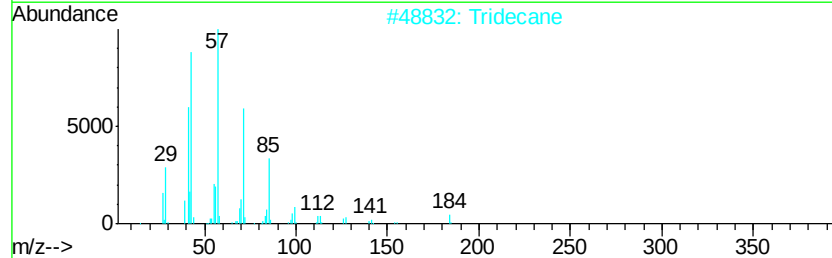
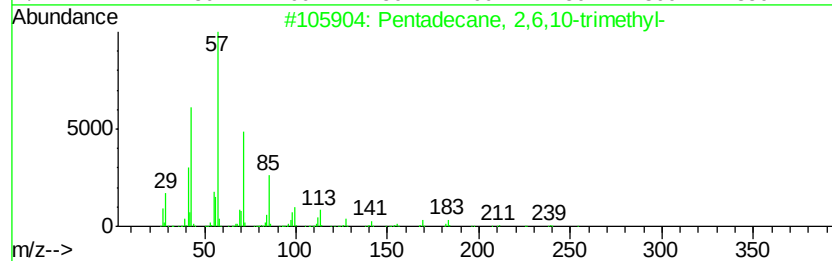
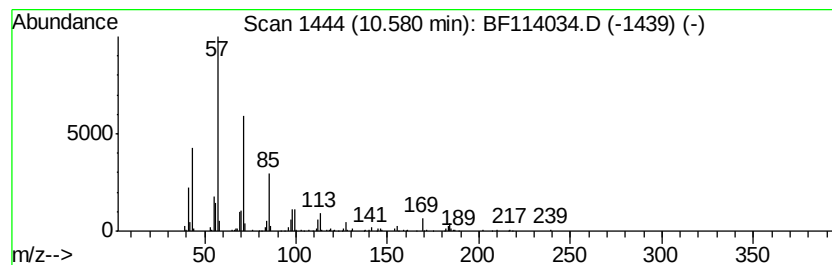
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.58	6.46 ng	262529	Acenaphthene-d10		9.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane,	2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane		184	C13H28	000629-50-5	83
3	Heptacosane		380	C27H56	000593-49-7	80
4	Heptadecane,	2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Decane,	2,6,8-trimethyl-	184	C13H28	062108-26-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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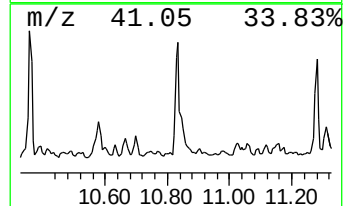
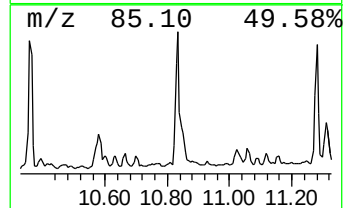
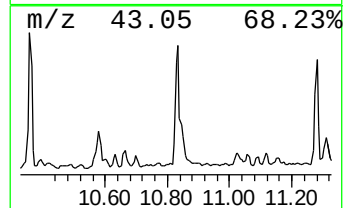
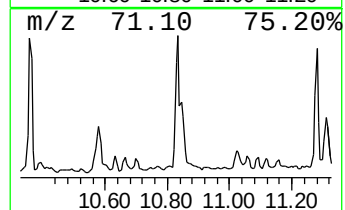
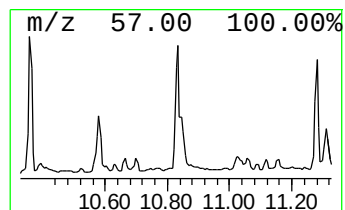
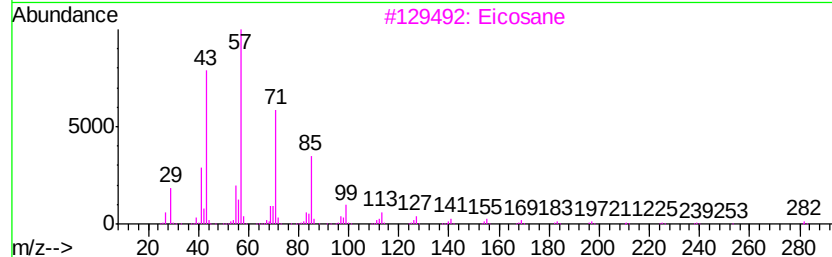
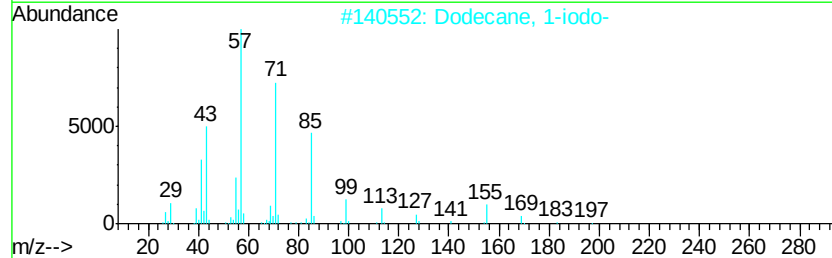
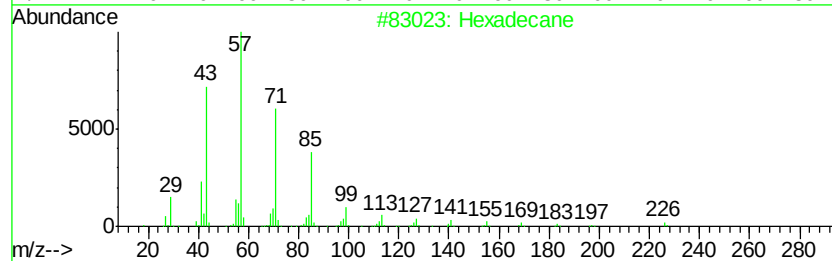
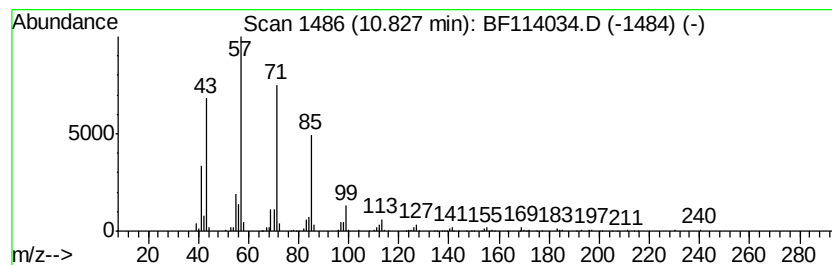
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.83	15.79 ng	612658	Phenanthrene-d10		11.41	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
3	Eicosane		282	C20H42	000112-95-8	74
4	Heptacosane		380	C27H56	000593-49-7	72
5	Tridecane, 4-methyl-		198	C14H30	026730-12-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114034.D
Acq On : 29 Apr 2019 20:20
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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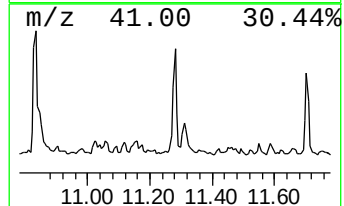
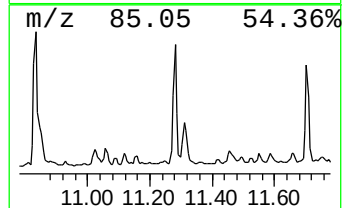
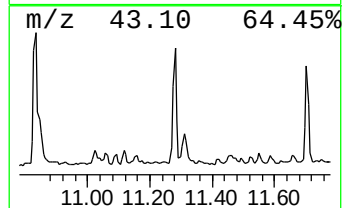
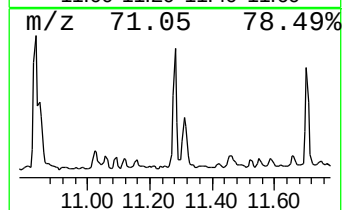
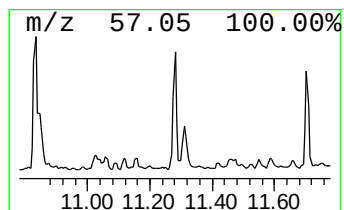
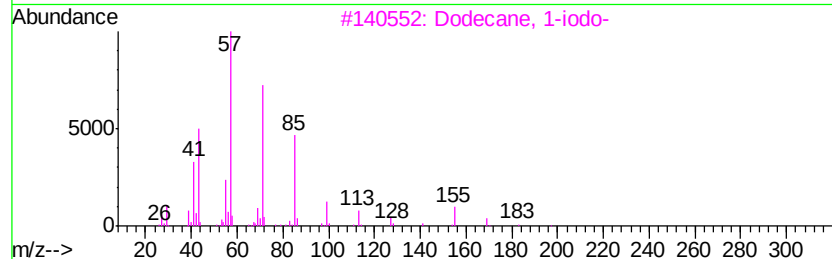
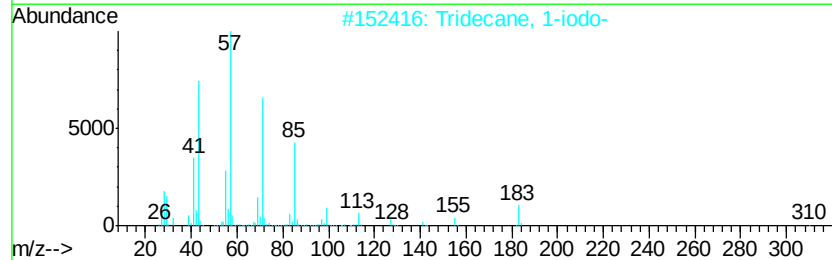
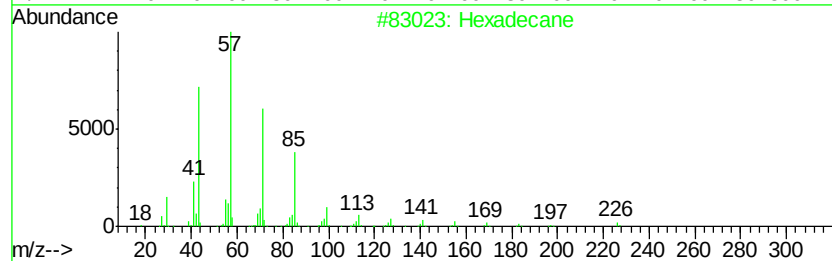
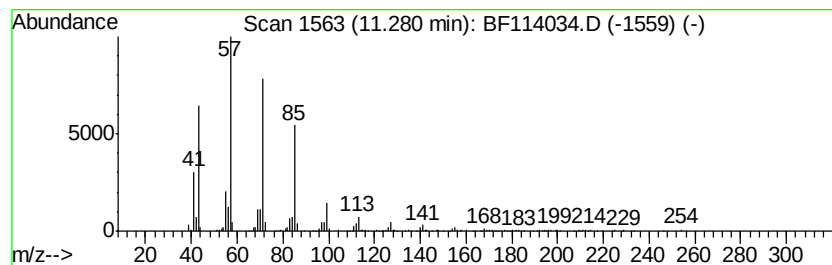
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	10.69 ng	414806	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114034.D
Acq On : 29 Apr 2019 20:20
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ClientSampleId :
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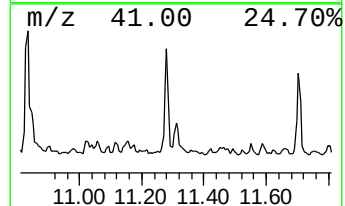
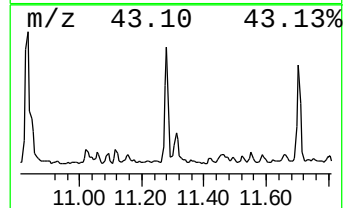
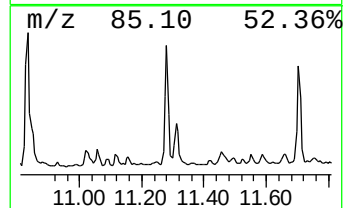
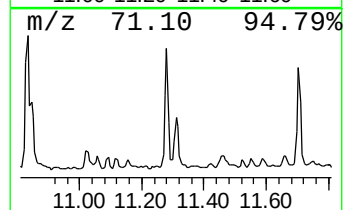
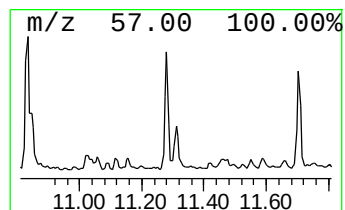
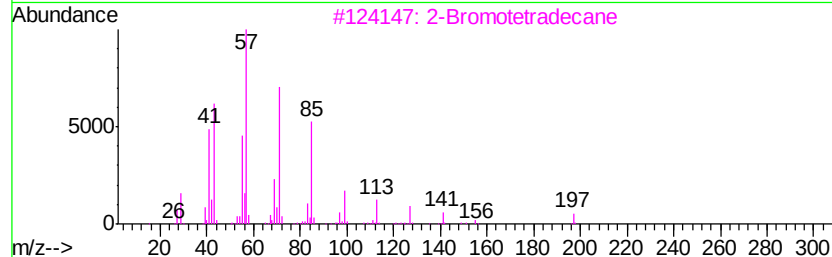
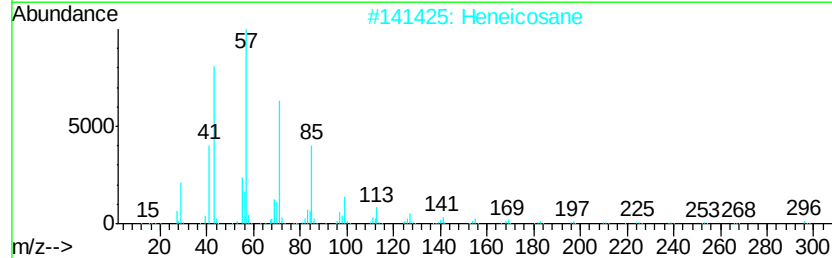
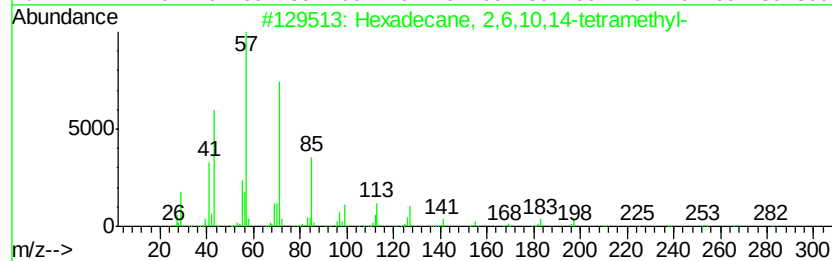
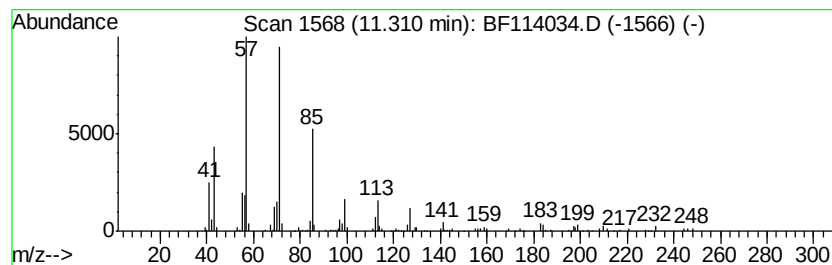
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	5.41 ng	209910	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4			Docosane	310	C22H46	000629-97-0	90
5			Decane, 3-methyl-	156	C11H24	013151-34-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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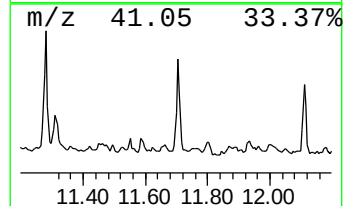
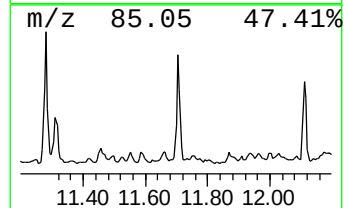
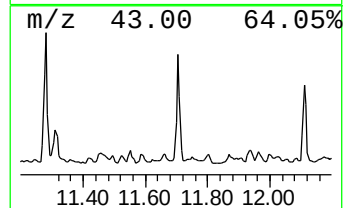
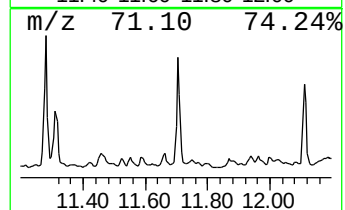
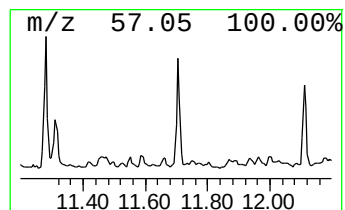
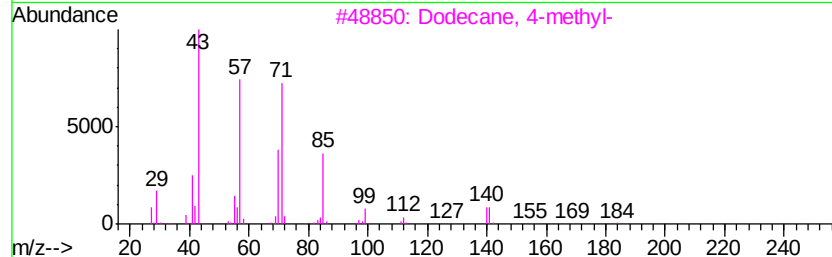
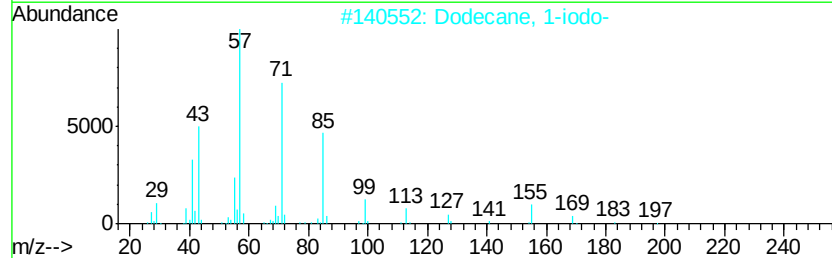
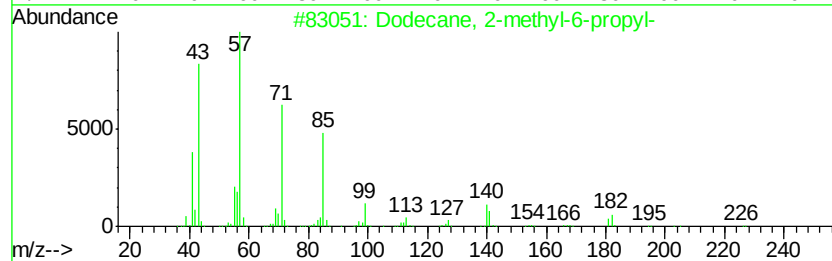
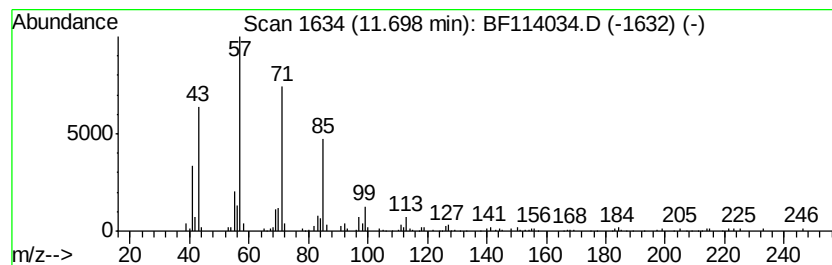
Instrument :
BNA_F
ClientSampleId :
135-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.70	7.29 ng	282830	Phenanthrene-d10	11.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91	
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86	
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86	
4	Tetradecane	198	C14H30	000629-59-4	86	
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114034.D
Acq On : 29 Apr 2019 20:20
Operator : JU/SJ
Sample : K2544-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
135-20

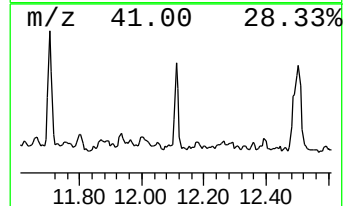
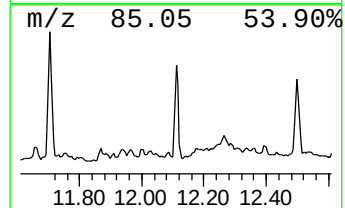
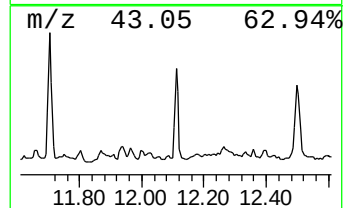
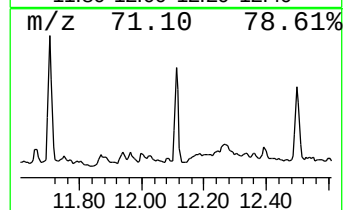
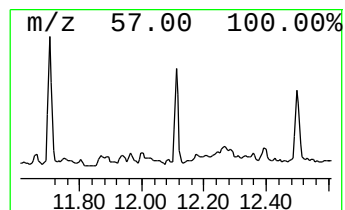
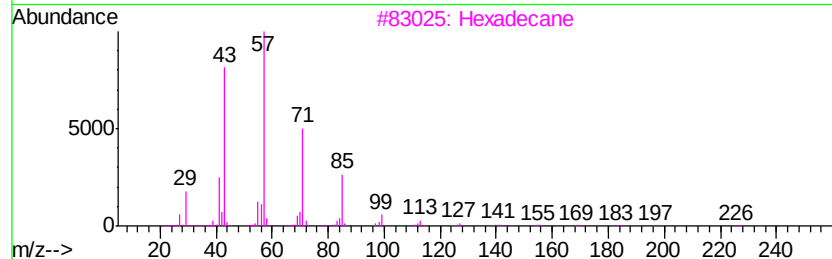
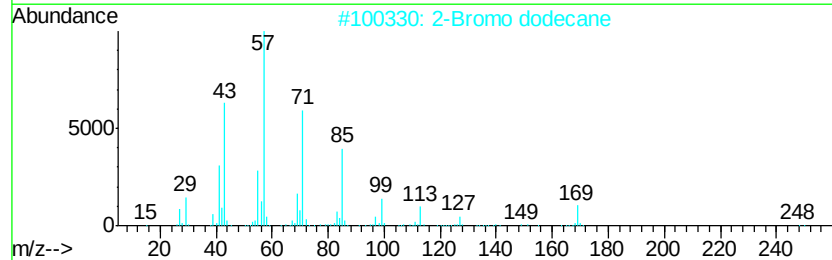
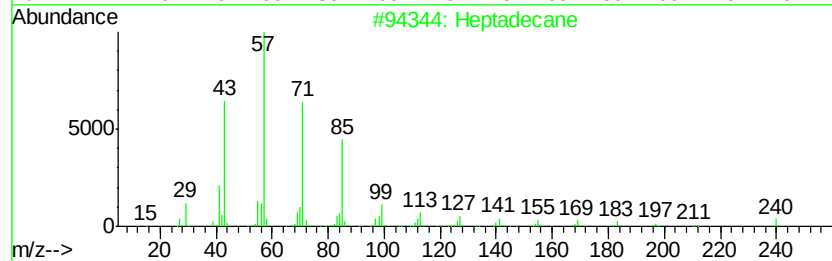
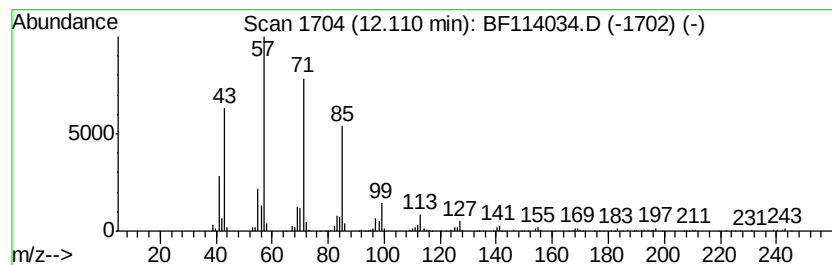
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	6.05 ng	234594	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114034.D
Acq On : 29 Apr 2019 20:20
Operator : JU/SJ
Sample : K2544-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

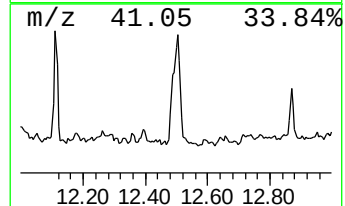
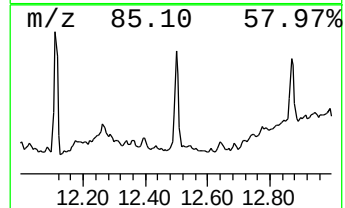
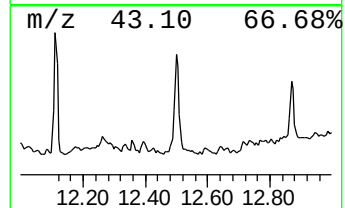
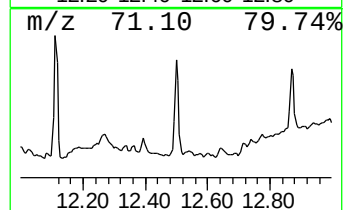
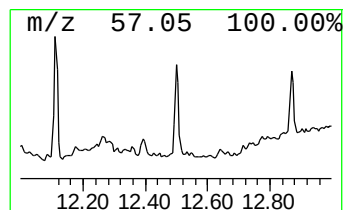
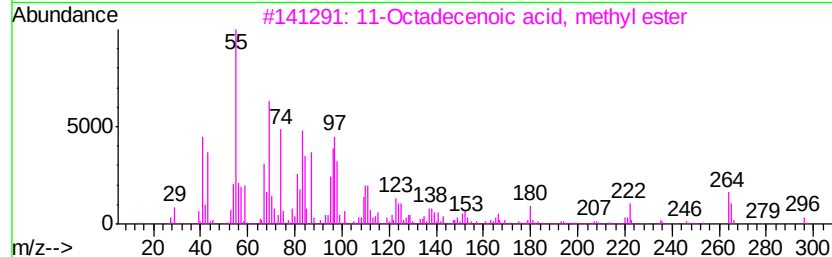
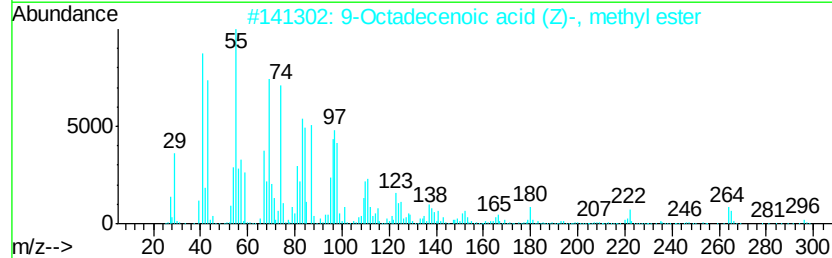
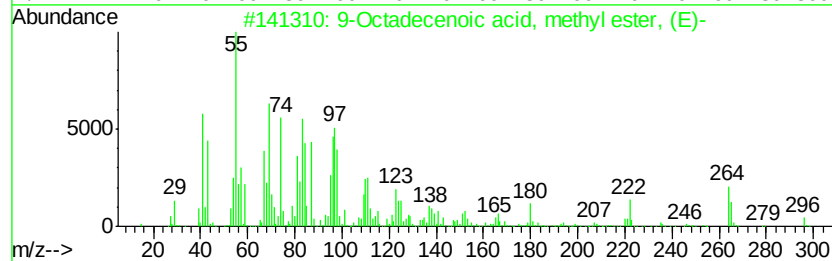
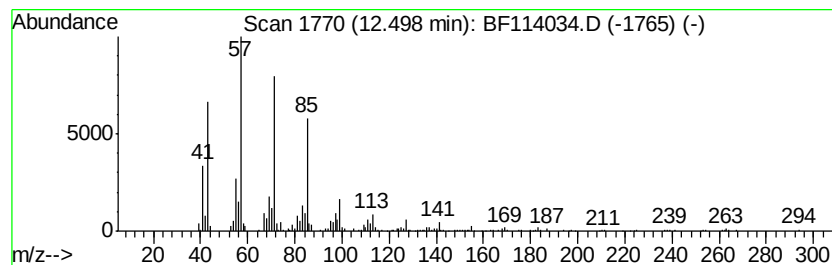
Instrument :
BNA_F
ClientSampleId :
135-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.50	16.28 ng	631611	Phenanthrene-d10	11.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	95	
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93	
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93	
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93	
5	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	76	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114034.D
 Acq On : 29 Apr 2019 20:20
 Operator : JU/SJ
 Sample : K2544-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 135-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.66	6.66	12.9	ng	394793	1	6.90	611015	20.0
unknown8.47	8.47	3.2	ng	162932	2	8.17	1015550	20.0
Naphthalene, 1,2,...	8.68	3.4	ng	174920	2	8.17	1015550	20.0
Tridecane	8.77	6.2	ng	314701	2	8.17	1015550	20.0
Tetradecane	9.33	9.6	ng	389567	3	9.93	812475	20.0
unknown9.65	9.65	7.1	ng	289285	3	9.93	812475	20.0
Naphthalene, 1,2,...	9.67	3.4	ng	138164	3	9.93	812475	20.0
unknown9.71	9.71	3.3	ng	132767	3	9.93	812475	20.0
Pentadecane	9.86	10.7	ng	433267	3	9.93	812475	20.0
Nonane, 2-methyl-...	10.09	3.1	ng	126022	3	9.93	812475	20.0
Hexacosane	10.18	4.2	ng	169822	3	9.93	812475	20.0
Heneicosane	10.36	12.8	ng	520613	3	9.93	812475	20.0
Pentadecane, 2,6,...	10.58	6.5	ng	262529	3	9.93	812475	20.0
Hexadecane	10.83	15.8	ng	612658	4	11.41	775904	20.0
Dodecane, 1-iodo-	11.28	10.7	ng	414806	4	11.41	775904	20.0
Hexadecane, 2,6,1...	11.31	5.4	ng	209910	4	11.41	775904	20.0
Dodecane, 2-methy...	11.70	7.3	ng	282830	4	11.41	775904	20.0
Heptadecane	12.11	6.0	ng	234594	4	11.41	775904	20.0
9-Octadecenoic ac...	12.50	16.3	ng	631611	4	11.41	775904	20.0