LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111122.D
Acq On : 5 Dec 2018 22:11
Operator : JU/SJ
Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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	5.410	559	565	569	rBV	6442494	6169440	18.48%	0.694%
2	6.069	674	677	679	rVV	3629042	3139686	9.41%	0.353%
3	6.257	704	709	712	rBV2	3551425	4351429	13.04%	0.490%
4	6.322	718	720	722	rVB	5044181	3826077	11.46%	0.431%
5	6.351	722	725	728	rBV	5888059	5991170	17.95%	0.674%
6	6.416	733	736	743	rBV3	6792514	10364175	31.05%	1.167%
7	6.498	747	750	753	rBV2	3191457	3580389	10.73%	0.403%
8	6.575	757	763	765	rBV2	11727975	13732502	41.14%	1.546%
9	6.663	774	778	783	rVB	21733681	24053020	72.06%	2.707%
10	6.810	797	803	805	rBV2	7289110	7679197	23.01%	0.864%
11	6.839	805	808	811	rVB	11863767	10132818	30.36%	1.140%
12	6.875	811	814	818	rBV2	6332170	8500124	25.47%	0.957%
13	6.939	823	825	827	rBV	5538880	5488994	16.45%	0.618%
14	6.969	827	830	834	rVV	15223353	14743231	44.17%	1.659%
15	7.104	848	853	855	rVB	9738004	10178120	30.49%	1.146%
16	7.133	855	858	860	rVB2	11910668	10169632	30.47%	1.145%
17	7.163	860	863	867	rVB	12098100	12511387	37.48%	1.408%
18	7.210	867	871	875	rBV	14337745	13469528	40.35%	1.516%
19	7.363	890	897	900	rBV3	10360227	17043124	51.06%	1.918%
20	7.398	900	903	904	rVV2	4503364	4244033	12.72%	0.478%
21	7.428	904	908	911	rVV	26544780	33377818	100.00%	3.757%
22	7.469	911	915	918	rVB5	4648421	7214745	21.62%	0.812%
23	7.533	922	926	930	rVB2	5306851	6007557	18.00%	0.676%
24	7.586	930	935	937	rBV	4207993	5857785	17.55%	0.659%
25	7.604	937	938	941	rVV2	3545566	4473078	13.40%	0.503%
26	7.722	951	958	960	rBV3	5420134	6967526	20.87%	0.784%
27	7.751	960	963	966	rVB3	3530715	3836244	11.49%	0.432%
28	7.792	966	970	972	rBV2	4172321	4580718	13.72%	0.516%
29	7.822	972	975	979	rBV3	8661391	11640096	34.87%	1.310%
30	7.857	979	981	984	rVB	5275297	5096681	15.27%	0.574%
31	7.898	985	988	990	rBV2	4309773	3329385	9.97%	0.375%
32	8.086	1016	1020	1028	rVV	17458988	19182522	57.47%	2.159%
33	8.169	1032	1034	1036	rVB	4886491	3569370	10.69%	0.402%
34	8.316	1054	1059	1063	rVV4	3954647	9008831	26.99%	1.014%

LSC Area Percent Report

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Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.363	1064	1067	1070	rVV5	4427428	6216721	18.63%	0.700%
36	8.392	1070	1072	1075	rVV3	4987025	6359540	19.05%	0.716%
37	8.416	1075	1076	1079	rVV2	4037560	4579157	13.72%	0.515%
38	8.445	1079	1081	1084	rVV2	5268985	5680253	17.02%	0.639%
39	8.480	1084	1087	1091	rVV	7167485	7808348	23.39%	0.879%
40	8.527	1091	1095	1105	rVV3	11666126	24318586	72.86%	2.737%
41	8.604	1105	1108	1111	rVB2	4731415	4579971	13.72%	0.515%
42	8.698	1120	1124	1127	rBV2	15869204	15375332	46.06%	1.731%
43	8.792	1137	1140	1143	rVB2	4919455	6257197	18.75%	0.704%
44	8.910	1155	1160	1165	rVB5	3167644	5141821	15.40%	0.579%
45	8.980	1169	1172	1174	rVV	8489920	7985159	23.92%	0.899%
46	9.016	1174	1178	1179	rVV2	6337625	9190698	27.54%	1.034%
47	9.027	1179	1180	1183	rVB	5500920	3719731	11.14%	0.419%
48	9.063	1183	1186	1190	rBV	10286752	11085877	33.21%	1.248%
49	9.104	1190	1193	1195	rBV	8963527	8079625	24.21%	0.909%
50	9.133	1195	1198	1200	rVB	12639329	10260722	30.74%	1.155%
51	9.169	1200	1204	1208	rVB	11681308	12732058	38.15%	1.433%
52	9.269	1217	1221	1225	rBV2	14551765	18494215	55.41%	2.082%
53	9.427	1243	1248	1250	rBV4	3073174	4537014	13.59%	0.511%
54	9.522	1261	1264	1266	rBV	4648979	4750141	14.23%	0.535%
55	9.539	1266	1267	1270	rVB	5011644	3776250	11.31%	0.425%
56	9.586	1270	1275	1277	rBV	16405333	21451079	64.27%	2.414%
57	9.610	1277	1279	1282	rVB	9094355	8358745	25.04%	0.941%
58	9.645	1282	1285	1287	rVB	7780357	5867963	17.58%	0.660%
59	9.769	1303	1306	1308	rBV	3201747	3346508	10.03%	0.377%
60	9.798	1308	1311	1315	rBV	12545292	11283313	33.80%	1.270%
61	9.833	1315	1317	1318	rBV	6655708	5509221	16.51%	0.620%
62	10.027	1345	1350	1353	rBV2	7327451	12669795	37.96%	1.426%
63	10.057	1353	1355	1357	rVV	7127586	6068945	18.18%	0.683%
64	10.086	1357	1360	1362	rVV	5027037	4793442	14.36%	0.540%
65	10.116	1362	1365	1369	rVV2	11251970	12697549	38.04%	1.429%
66	10.151	1369	1371	1374	rVB	6045810	4165015	12.48%	0.469%
67	10.292	1392	1395	1398	rVB	6193544	5244628	15.71%	0.590%
68	10.327	1398	1401	1403	rBV	2482293	3053442	9.15%	0.344%
69	10.516	1428	1433	1435	rBV	12774745	16638620	49.85%	1.873%
70	10.598	1444	1447	1450	rBV3	6072662	9266756	27.76%	1.043%
71	10.627	1450	1452	1456	rVB3	9685733	9465330	28.36%	1.065%

LSC Area Percent Report

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Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.786	1473	1479	1483	rBV2	13369744	23474379	70.33%	2.642%
73	10.827	1483	1486	1489	rVV	11376737	14507306	43.46%	1.633%
74	10.868	1489	1493	1495	rVV3	15101123	18595636	55.71%	2.093%
75	10.898	1495	1498	1500	rVV2	14577318	15239999	45.66%	1.715%
76	10.921	1500	1502	1504	rVV	10514988	8426911	25.25%	0.948%
77	10.963	1504	1509	1513	rVV2	11035106	18944154	56.76%	2.132%
78	11.004	1513	1516	1521	rVV5	11495521	18700433	56.03%	2.105%
79	11.051	1521	1524	1528	rVV3	13119047	19112745	57.26%	2.151%
80	11.086	1528	1530	1532	rVV2	10153311	10126523	30.34%	1.140%
81	11.110	1532	1534	1538	rVB	4033412	3157135	9.46%	0.355%
82	11.251	1555	1558	1563	rVB	16153803	18542023	55.55%	2.087%
83	11.298	1563	1566	1570	rBV3	2771878	3408243	10.21%	0.384%
84	11.398	1580	1583	1587	rVB	5094601	7336226	21.98%	0.826%
85	11.463	1591	1594	1596	rBV	3802308	2996185	8.98%	0.337%
86	11.492	1596	1599	1602	rBV2	4585345	4890504	14.65%	0.550%
87	11.527	1602	1605	1607	rBV	6254347	4629573	13.87%	0.521%
88	11.557	1608	1610	1614	rVB	4693645	4055388	12.15%	0.456%
89	11.598	1614	1617	1620	rBV	6944086	6817221	20.42%	0.767%
90	11.804	1649	1652	1655	rBV	6369486	7698483	23.06%	0.867%
91	11.874	1661	1664	1666	rBV2	4377459	4262463	12.77%	0.480%
92	11.904	1666	1669	1672	rVB3	5018446	4670081	13.99%	0.526%
93	11.939	1672	1675	1678	rBV2	3976007	5147442	15.42%	0.579%
94	11.986	1681	1683	1687	rVB	5047715	4333680	12.98%	0.488%
95	12.198	1716	1719	1721	rBV	3887460	3615564	10.83%	0.407%
96	12.392	1749	1752	1757	rVB	2957326	3070112	9.20%	0.346%
97	12.574	1780	1783	1788	rVB	2419231	3088743	9.25%	0.348%
98	12.651	1792	1796	1798	rBV	2842858	3140620	9.41%	0.353%
99	12.915	1837	1841	1847	rBV	8606058	8852121	26.52%	0.996%
100	13.957	2015	2018	2021	rVB2	3602914	3296005	9.87%	0.371%

Sum of corrected areas: 888455097

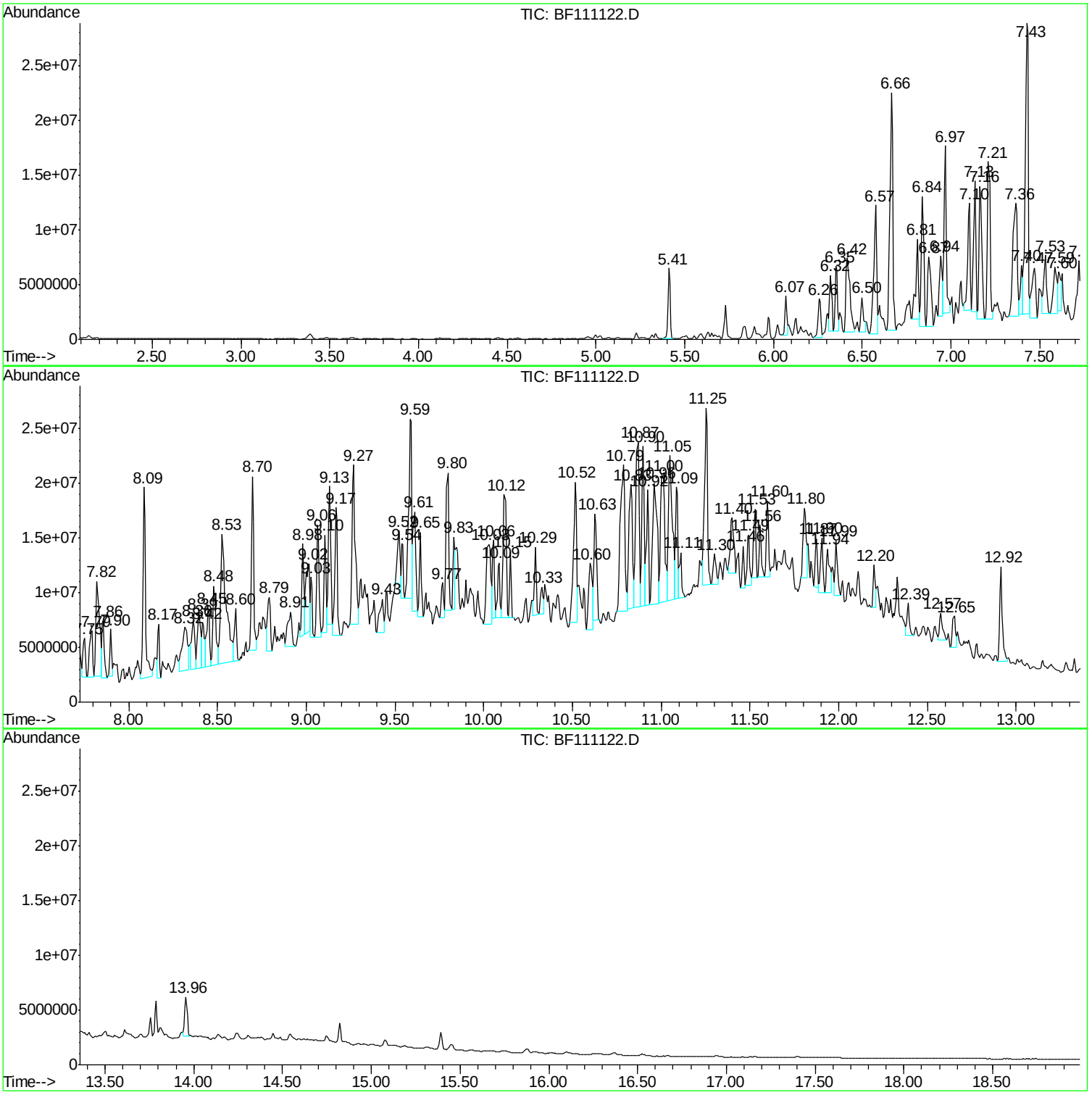
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111122.D
Acq On : 5 Dec 2018 22:11
Operator : JU/SJ
Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
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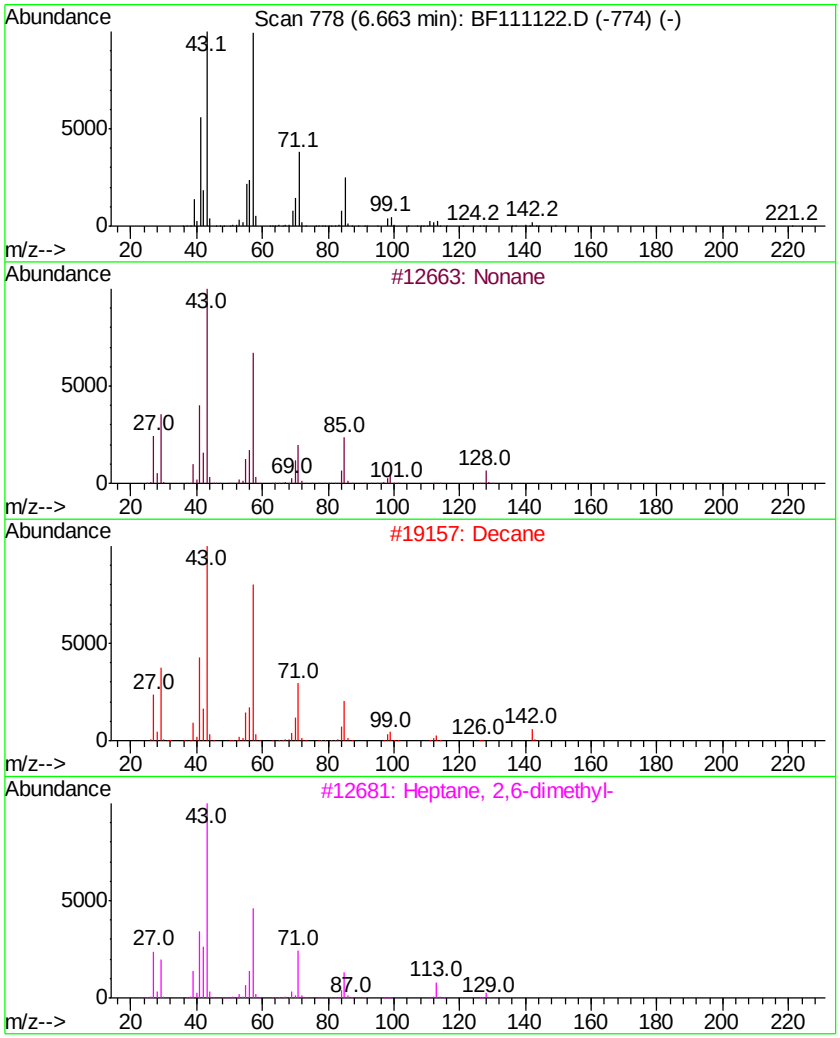
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

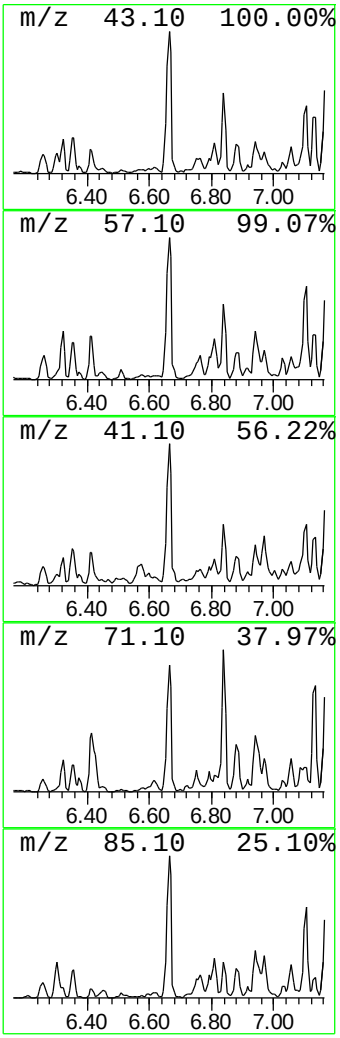
****

Peak Number 1 Nonane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	62.64 ng	24053000	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Decane	142	C10H22	000124-18-5	90
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
4	Octane	114	C8H18	000111-65-9	72
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111122.D
Acq On : 5 Dec 2018 22:11
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Misc :
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Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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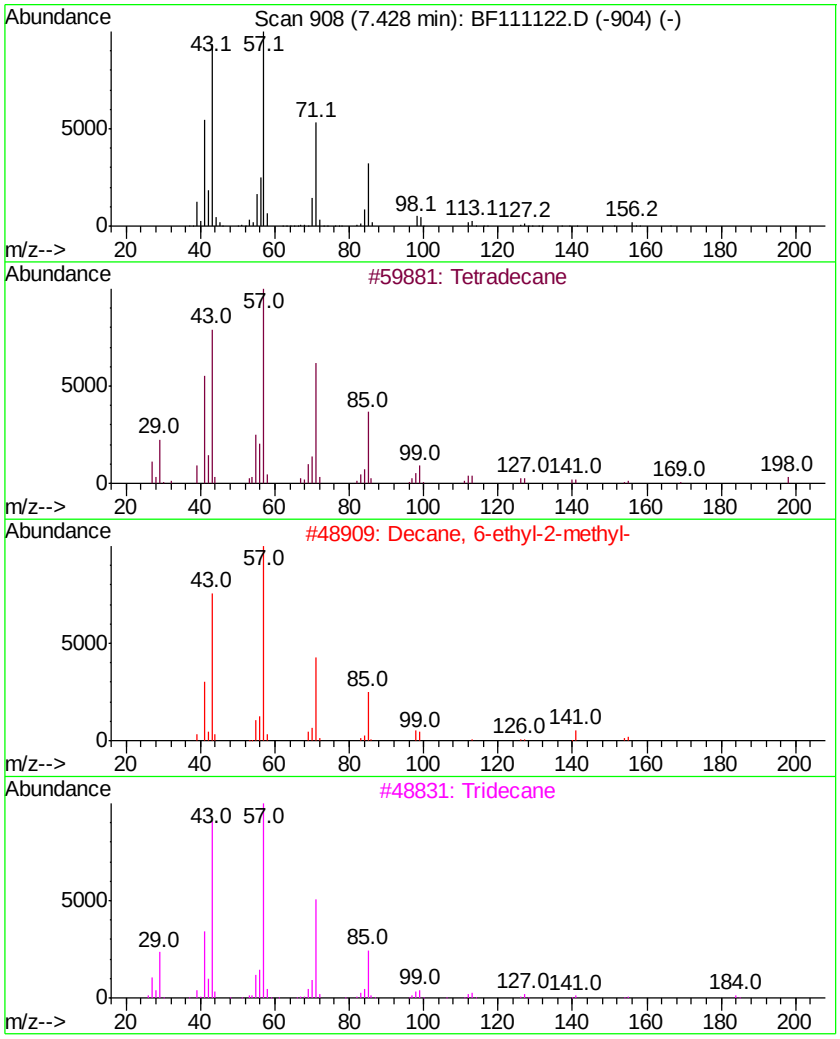
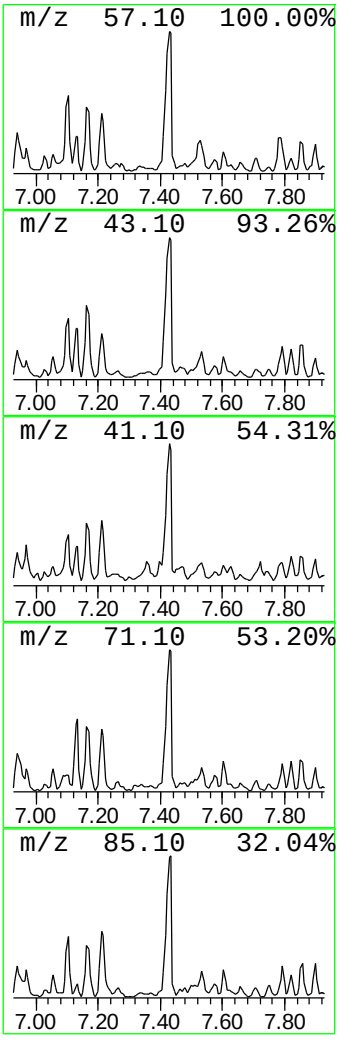
Peak Number 2 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	86.93 ng	33377800	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Undecane	156	C11H24	001120-21-4	70
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
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TIC Library : C:\DATABASE\NIST11.L
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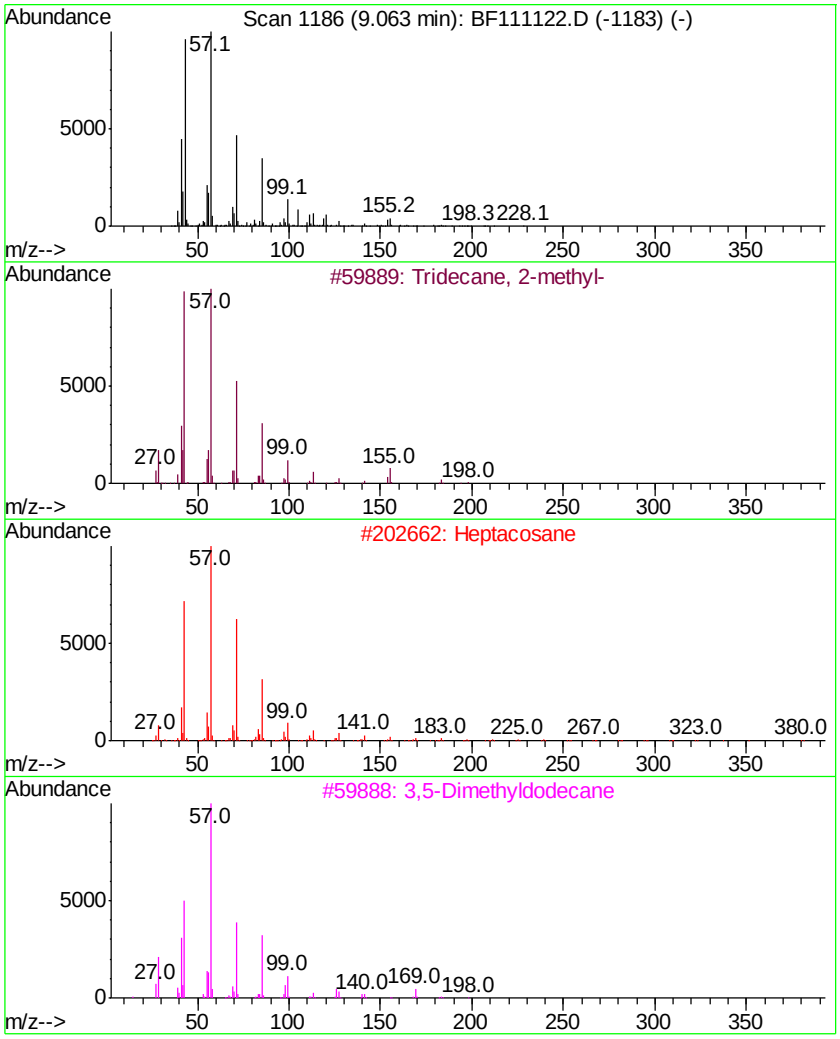
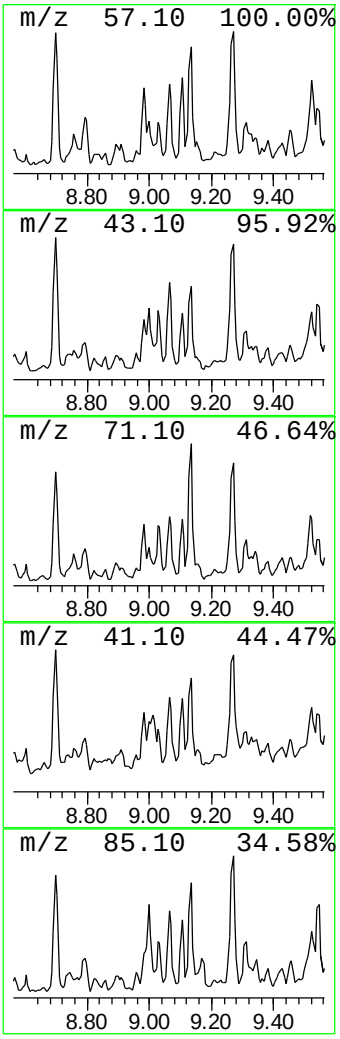
Peak Number 3 Tridecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	40.24 ng	11085900	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
2	Heptacosane	380	C27H56	000593-49-7	80
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
4	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	72
5	1-Iodoundecane	282	C11H23I	004282-44-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111122.D
Acq On : 5 Dec 2018 22:11
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Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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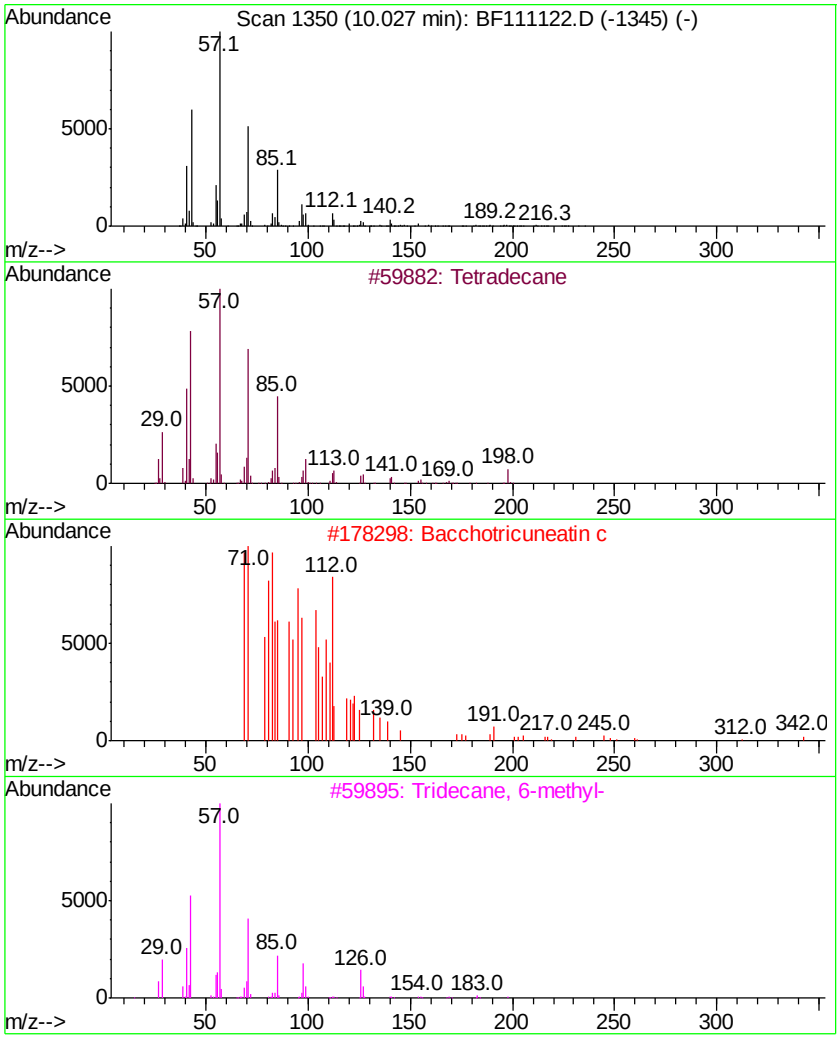
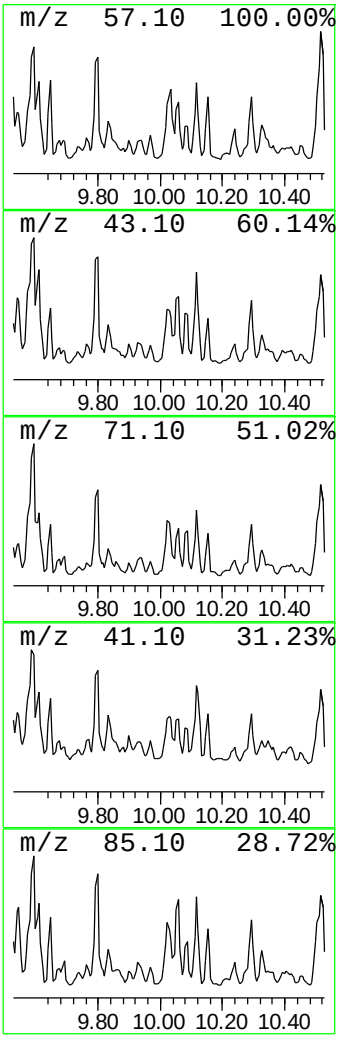
Peak Number 6 Bacchotricuneatin c Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	45.99 ng	12669800	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	87
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
5	Decane, 5-propyl-	184	C13H28	017312-62-8	72





Library Search Compound Report

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Data File : BF111122.D
Acq On : 5 Dec 2018 22:11
Operator : JU/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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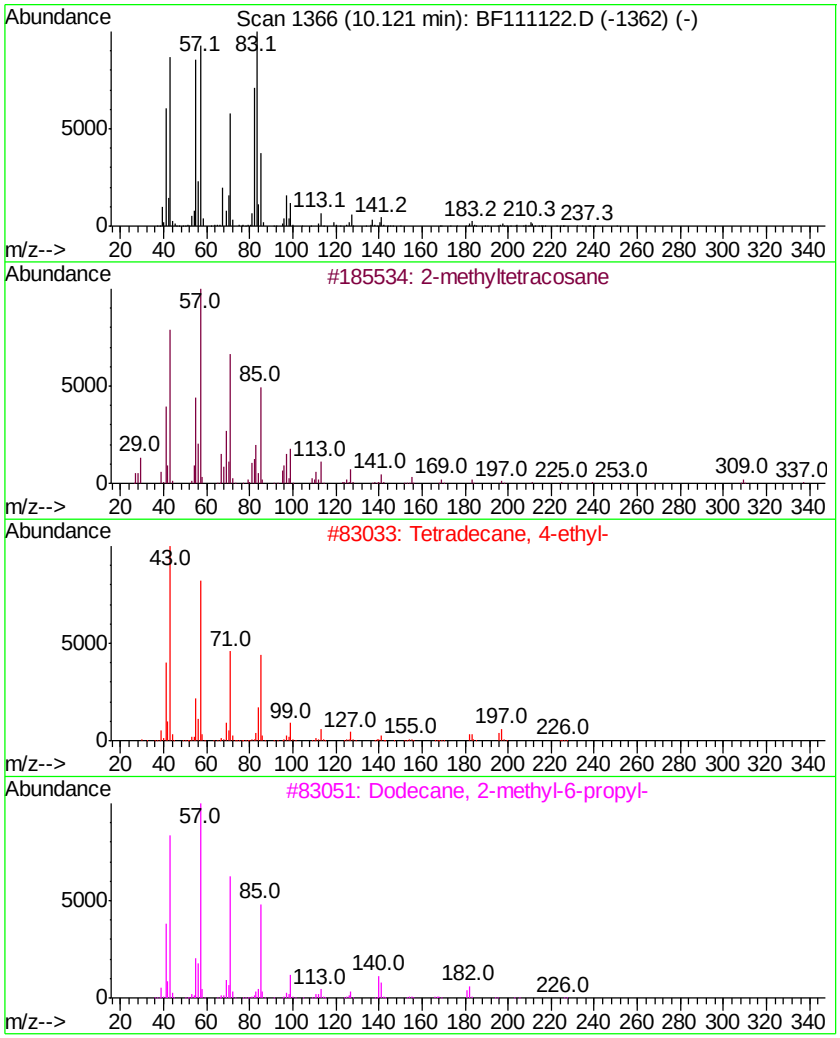
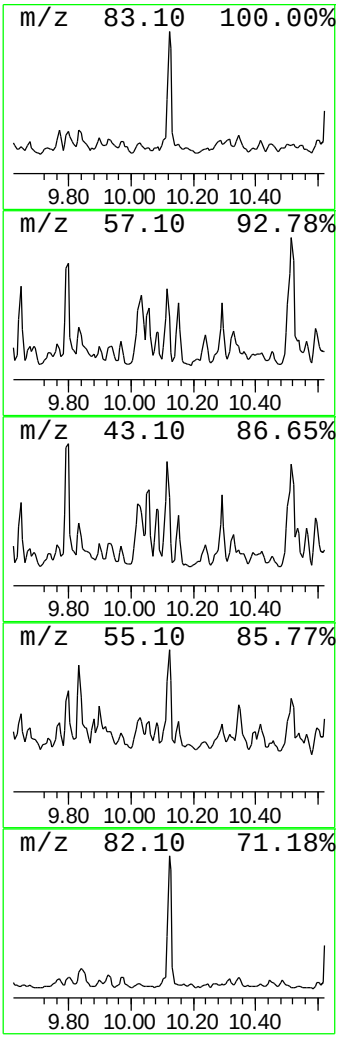
Peak Number 7 2-methyltetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	46.10 ng	12697500	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	86
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	81
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
4	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	81
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





Library Search Compound Report

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Acq On : 5 Dec 2018 22:11
Operator : JU/SJ
Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

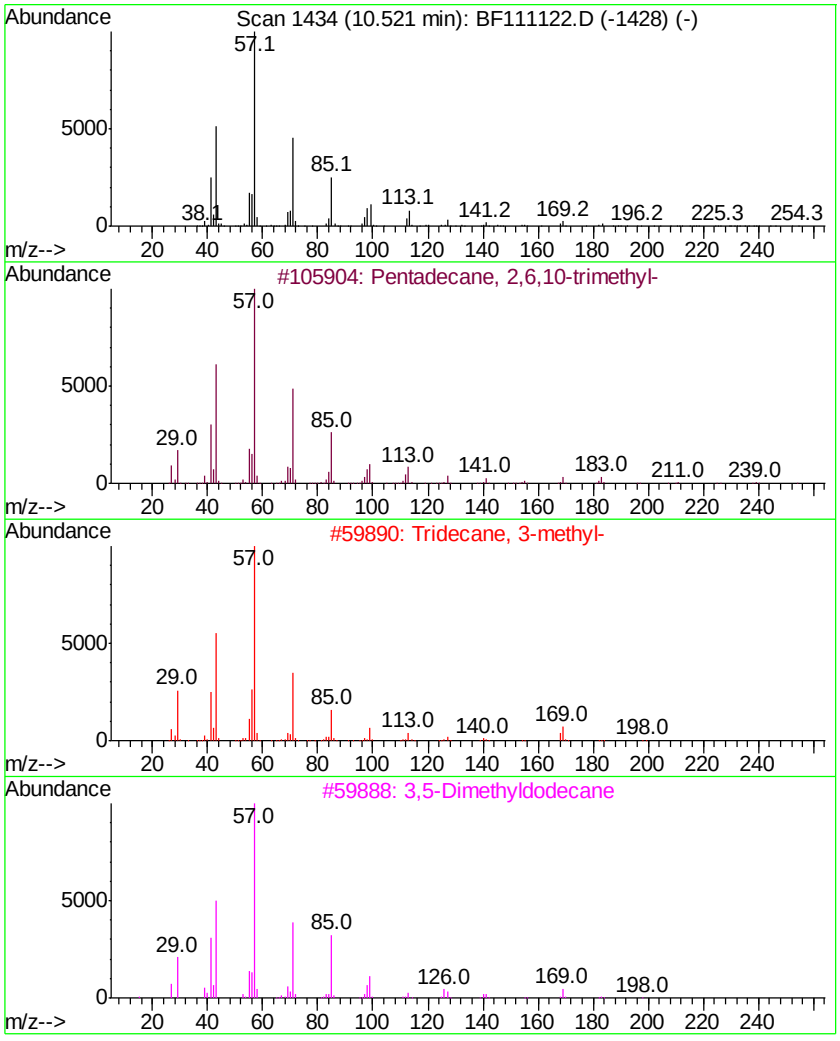
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

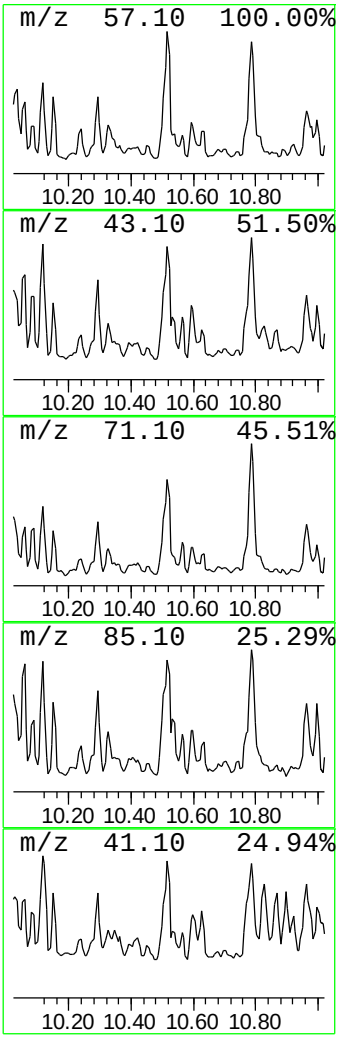
****

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	60.40 ng	16638600	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	81
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Tetracosane	338	C24H50	000646-31-1	64





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : DUP-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

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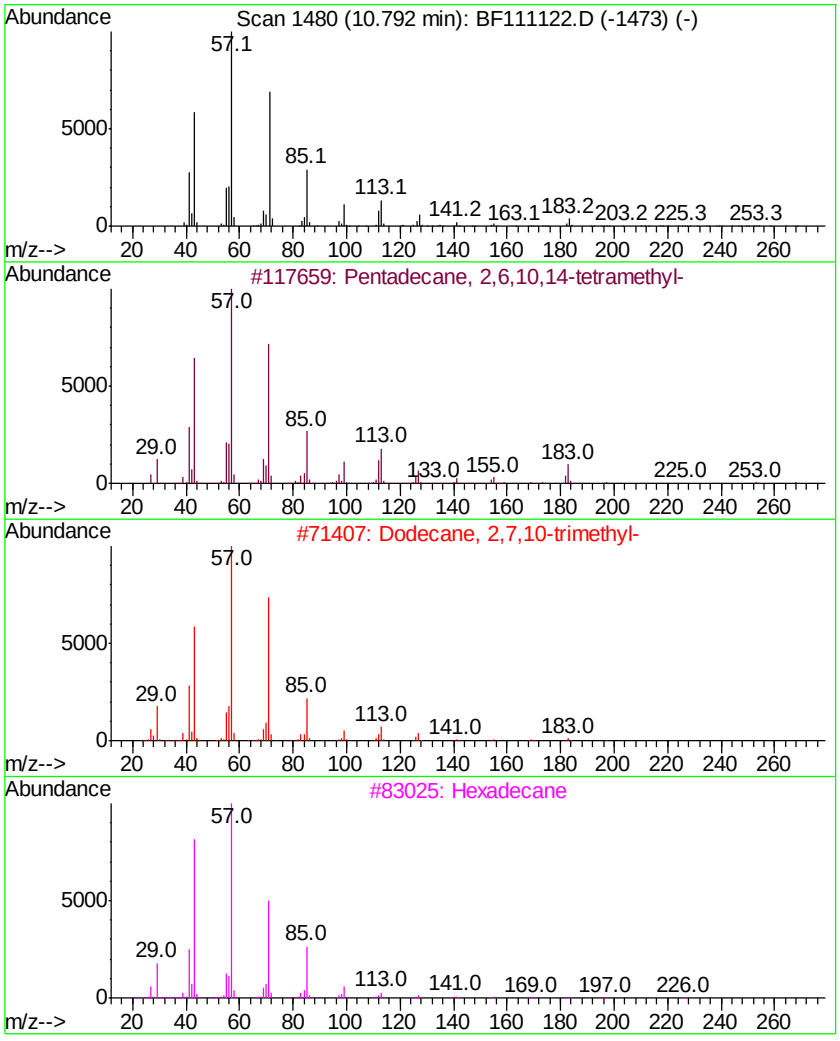
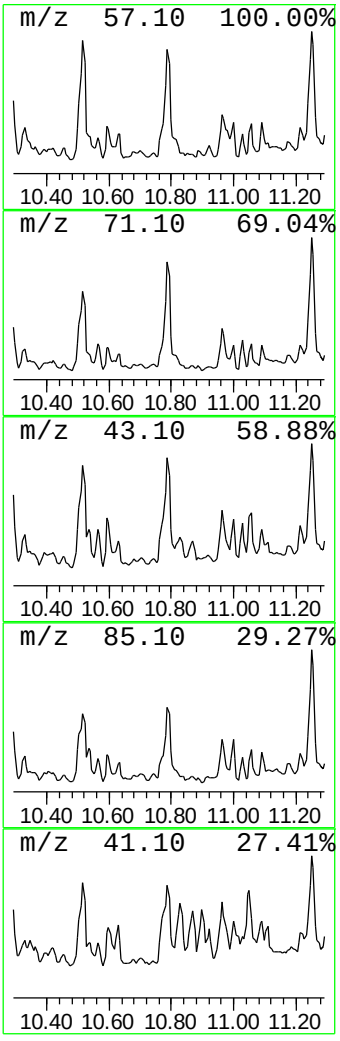
Peak Number 9 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	137.75 ng	23474400	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
3	Hexadecane	226	C16H34	000544-76-3	53
4	Tetracosane	338	C24H50	000646-31-1	53
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52





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Misc :
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Instrument : BNA_F
ClientSampleId : DUP-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

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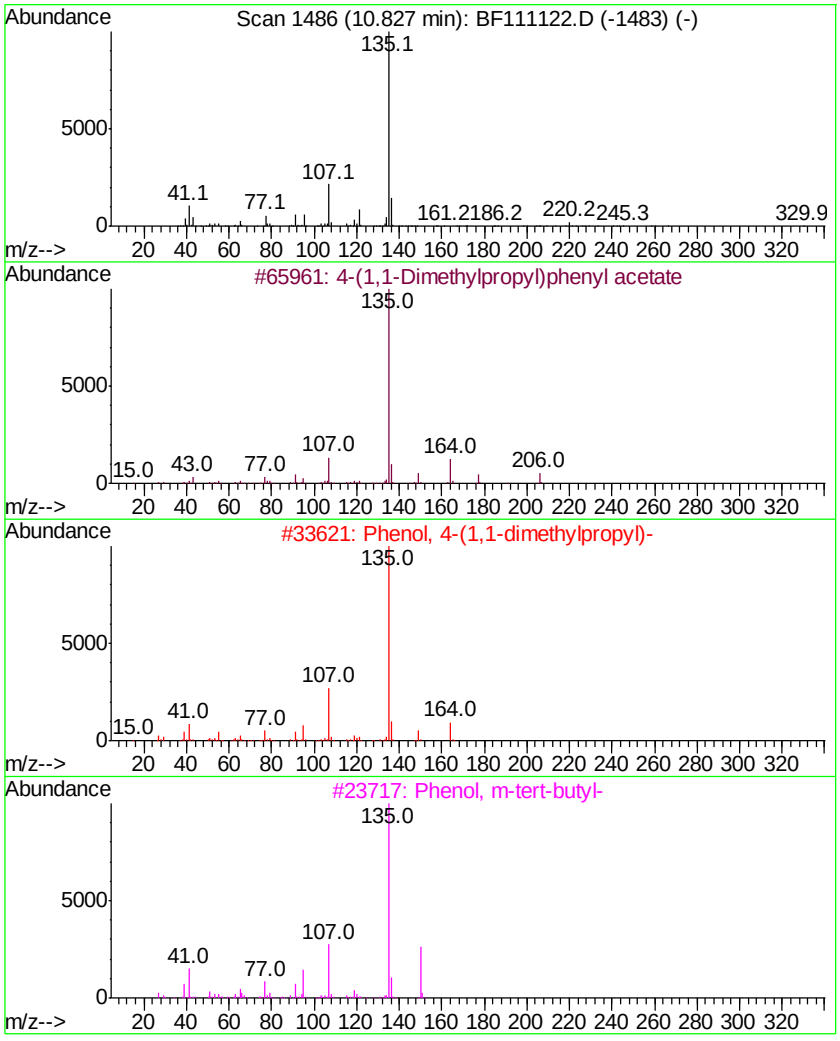
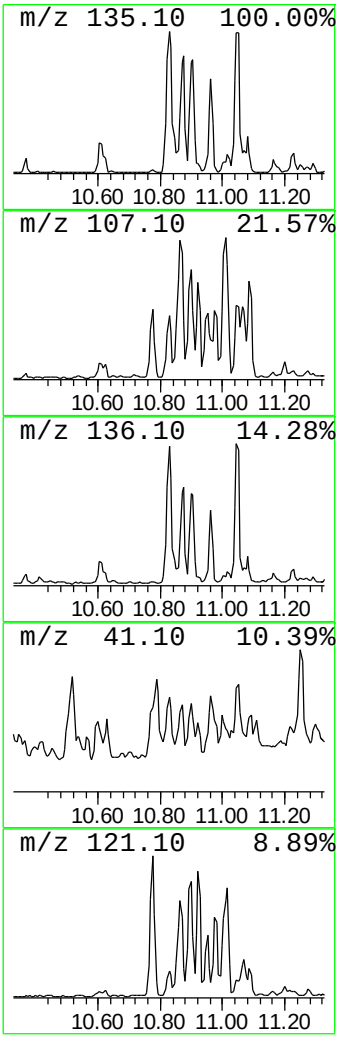
Peak Number 10 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	85.13 ng	14507300	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	83
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72





Library Search Compound Report

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Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-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

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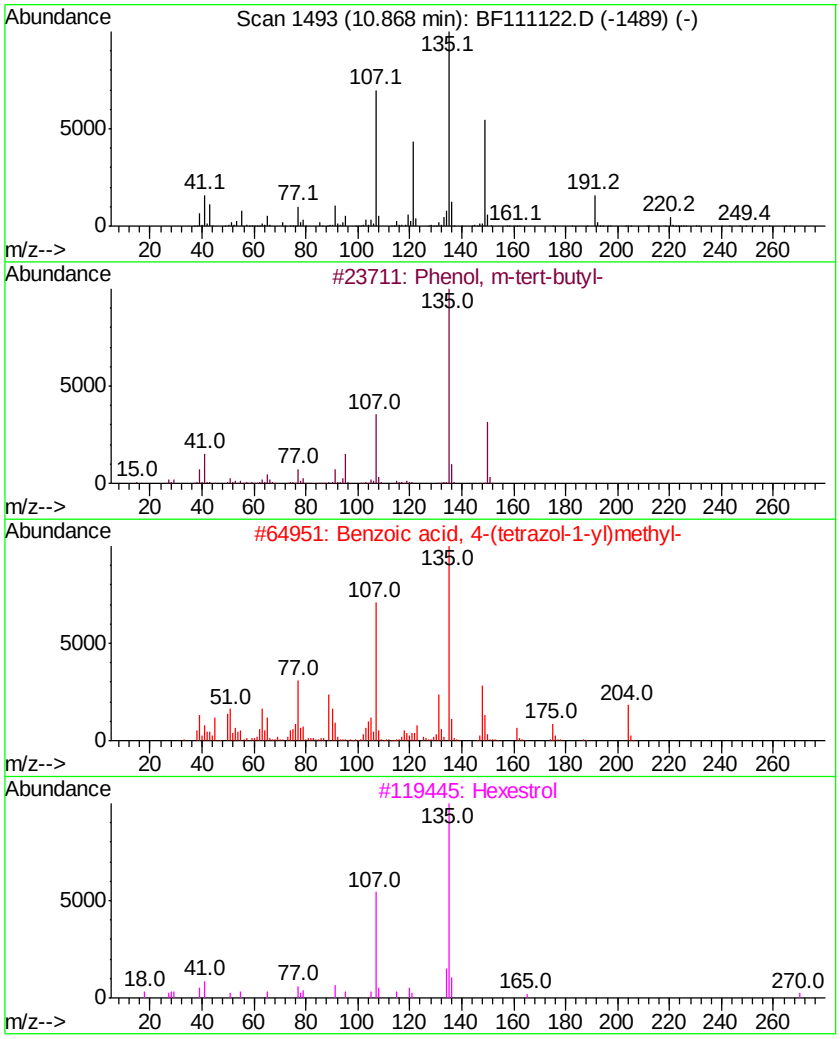
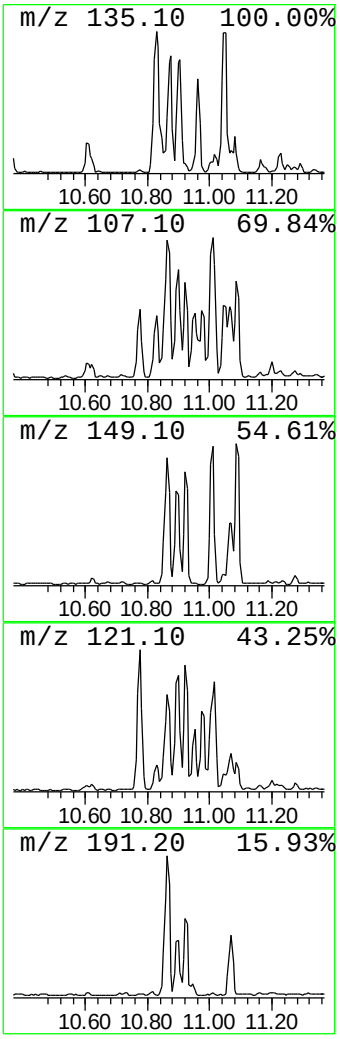
Peak Number 11 Phenol, m-tert-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	109.12 ng	18595600	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	58
2	Benzoic acid, 4-(tetrazol-1-yl)m...	204	C9H8N4O2	1000315-95-4	53
3	Hexestrol	270	C18H22O2	005635-50-7	47
4	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	47
5	Hexestrol	270	C18H22O2	000084-16-2	47





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Misc :
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Instrument : BNA_F
ClientSampleId : DUP-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

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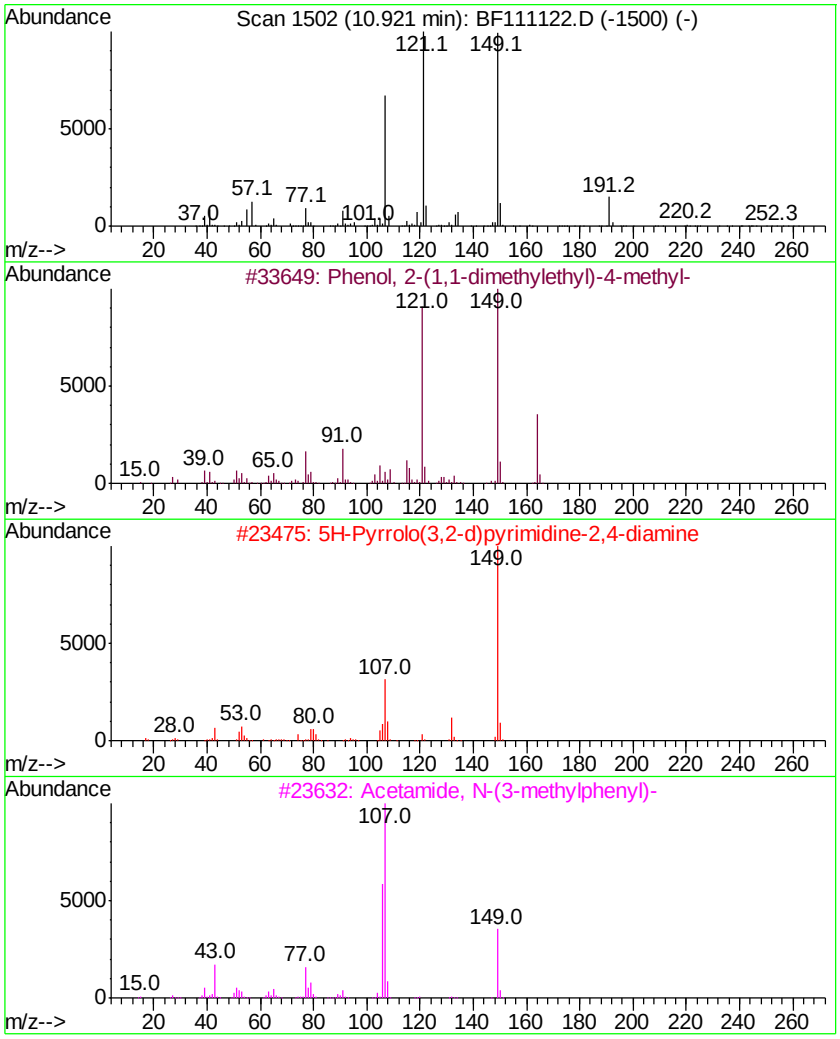
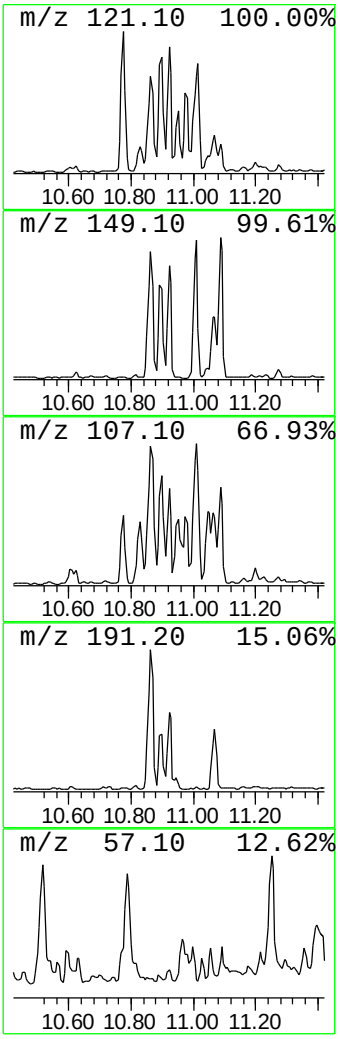
Peak Number 13 Phenol, 2-(1,1-dimethylethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	49.45 ng	8426910	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
2	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	46
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	35
4	Isoxazole, 4,5-dihydro-5-[(4-met...	191	C11H13NO2	1000362-14-0	30
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	30





Library Search Compound Report

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

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

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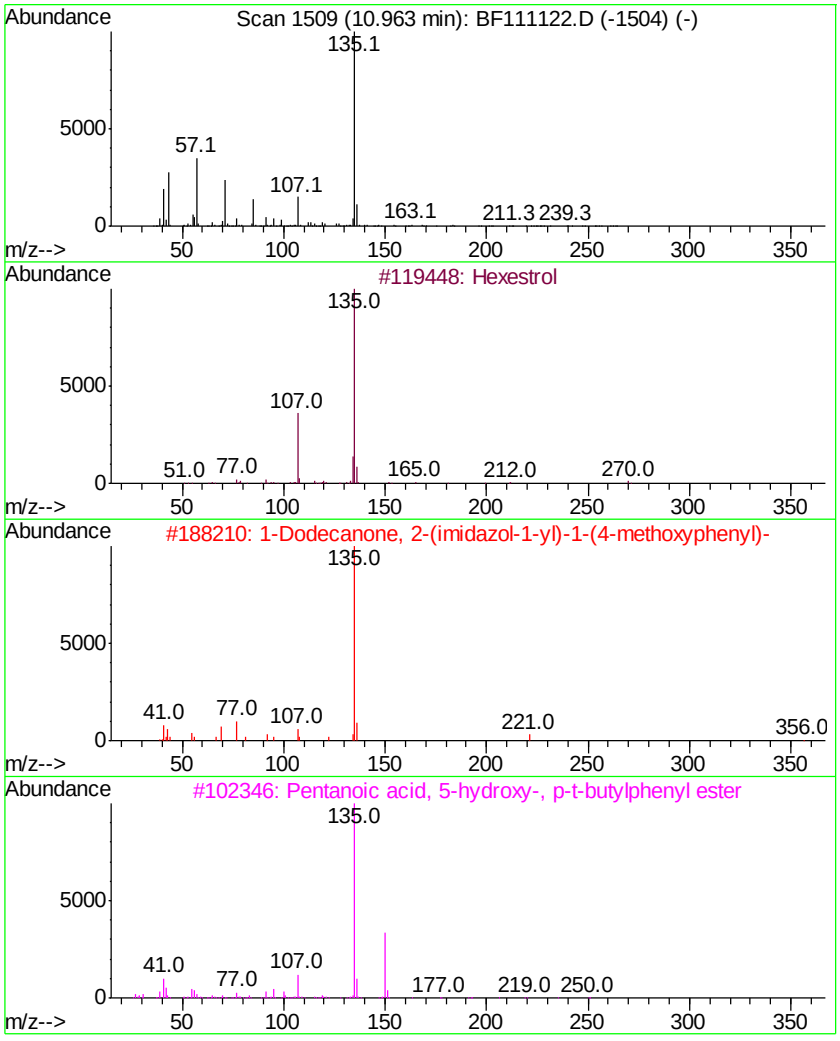
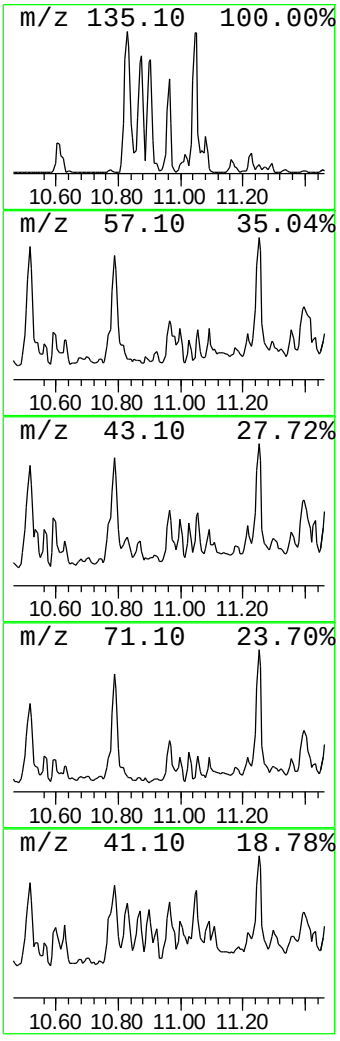
Peak Number 14 unknown10.96 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	111.17 ng	18944200	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol	270	C18H22O2	000084-16-2	42
2	1-Dodecanone, 2-(imidazol-1-yl)-...	356	C22H32N2O2	1000137-95-7	42
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	40
4	Adamantane-1-carboxylic acid, (2...	378	C17H19BrN2O3	1000317-42-5	38
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	38





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Sample : J6134-07
Misc :
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Instrument : BNA_F
ClientSampleId : DUP-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

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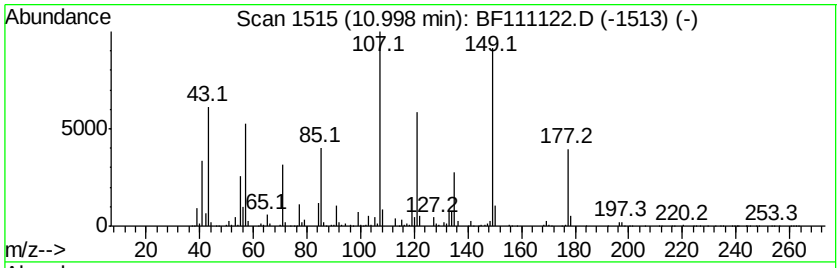
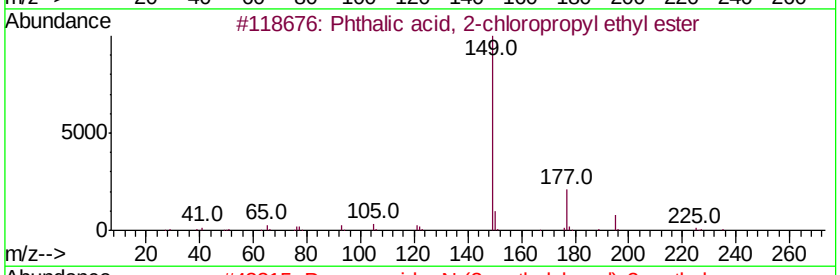
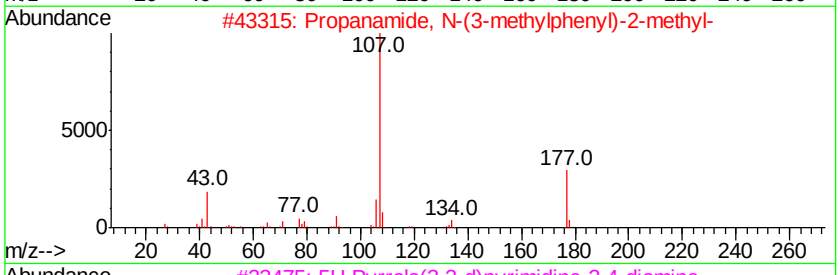
Peak Number 15 unknown11.00 Concentration Rank 4

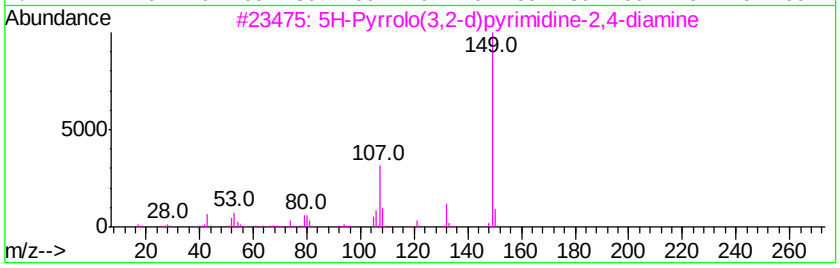
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	109.74 ng	18700400	Phenanthrene-d10	11.33

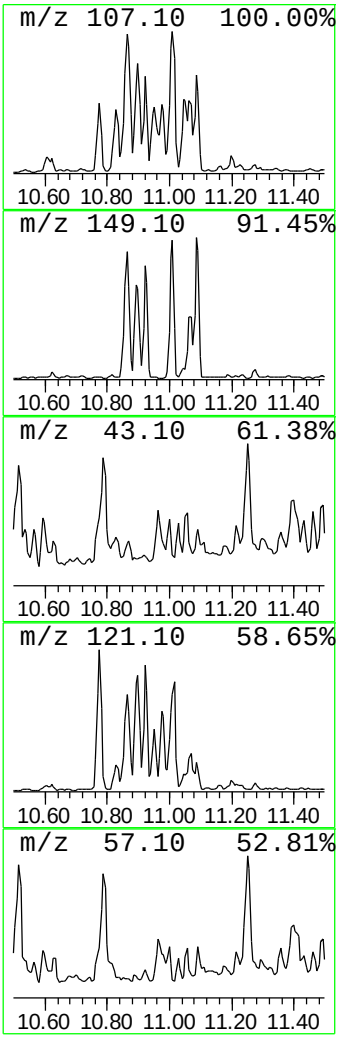
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-chloropropyl et...	270	C13H15ClO4	1000356-82-2	38
2	Propanamide, N-(3-methylphenyl)-...	177	C11H15NO	1000307-32-0	38
3	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	38
4	4-Isopropoxy-4-phenylbutyronitrile	203	C13H17NO	1000370-35-3	38
5	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	38











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Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-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

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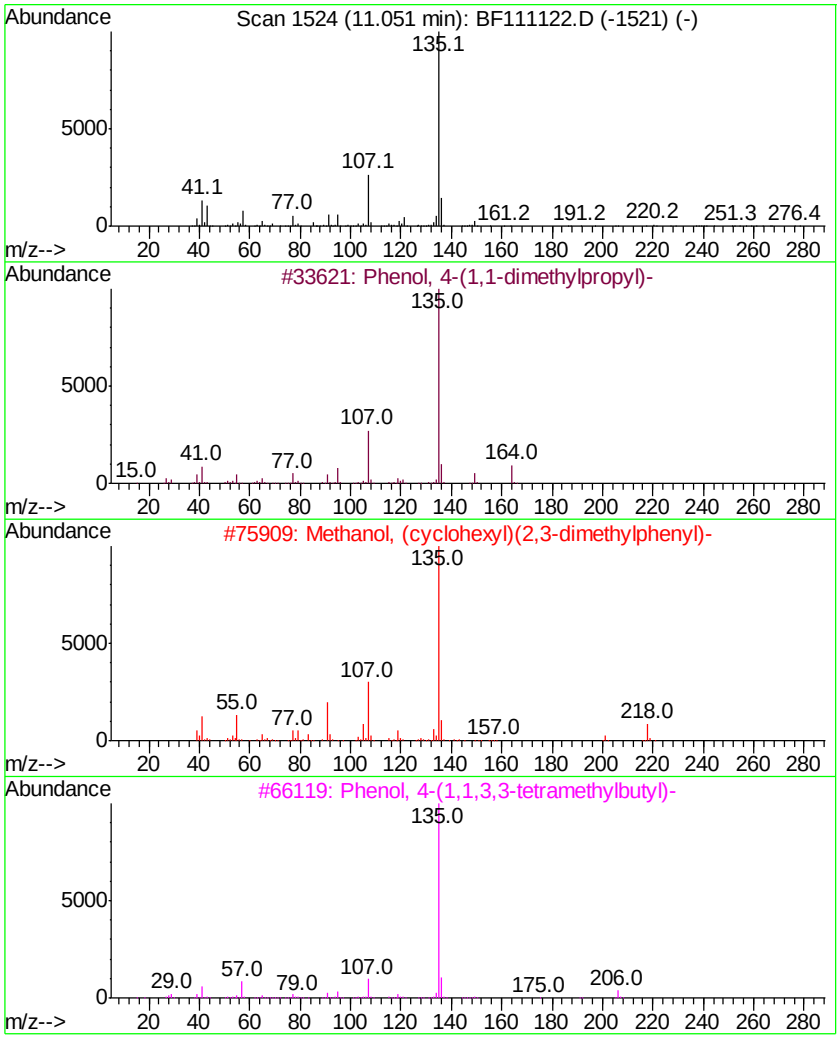
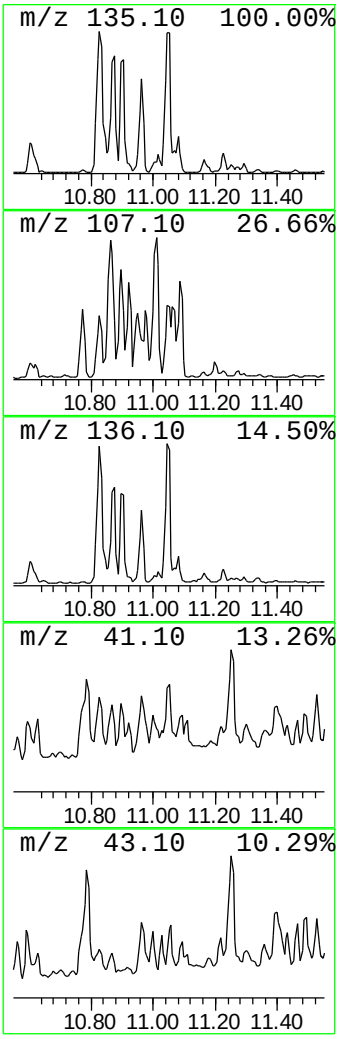
Peak Number 16 Phenol, 4-(1,1-dimethylprop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	112.16 ng	19112700	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
5	Hexestrol	270	C18H22O2	005635-50-7	64





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Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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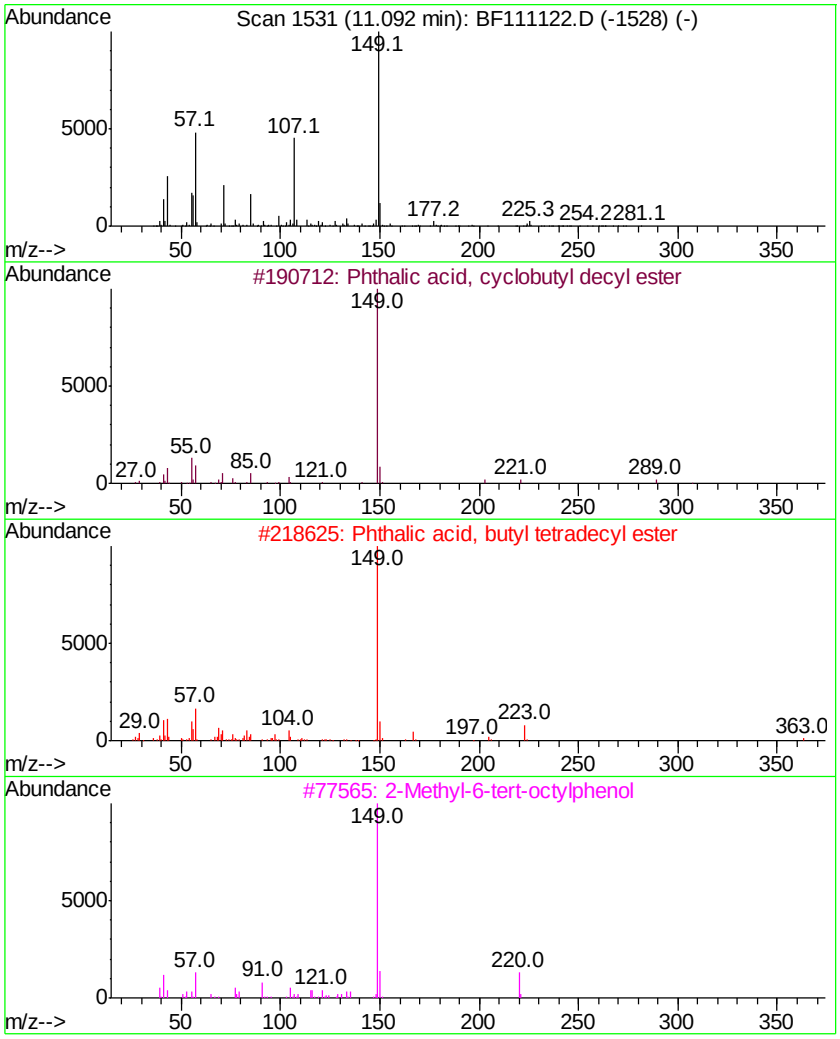
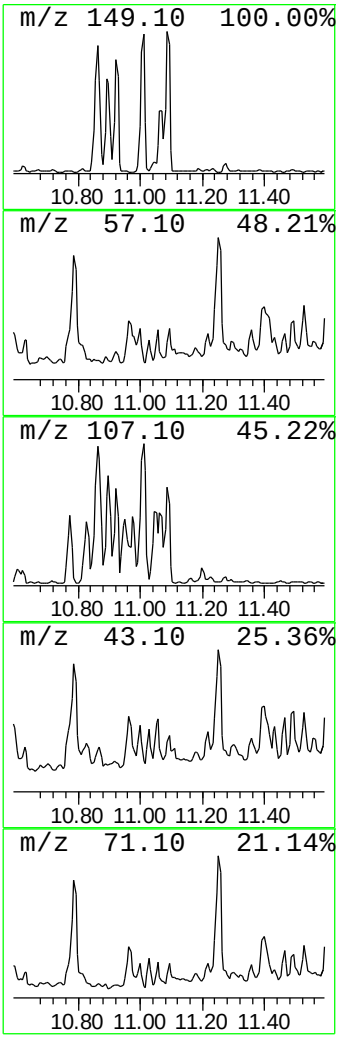
Peak Number 17 unknown11.09 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	59.42 ng	10126500	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, cyclobutyl decyl ...	360	C22H32O4	1000314-90-5	47
2	Phthalic acid, butyl tetradecyl ...	418	C26H42O4	1000308-91-3	47
3	2-Methyl-6-tert-octylphenol	220	C15H24O	019546-31-7	40
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	40
5	Acetamide, 2-(4-cyclohexylphenox...	324	C20H24N2O2	1000263-95-6	38





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ClientSampleId : DUP-1

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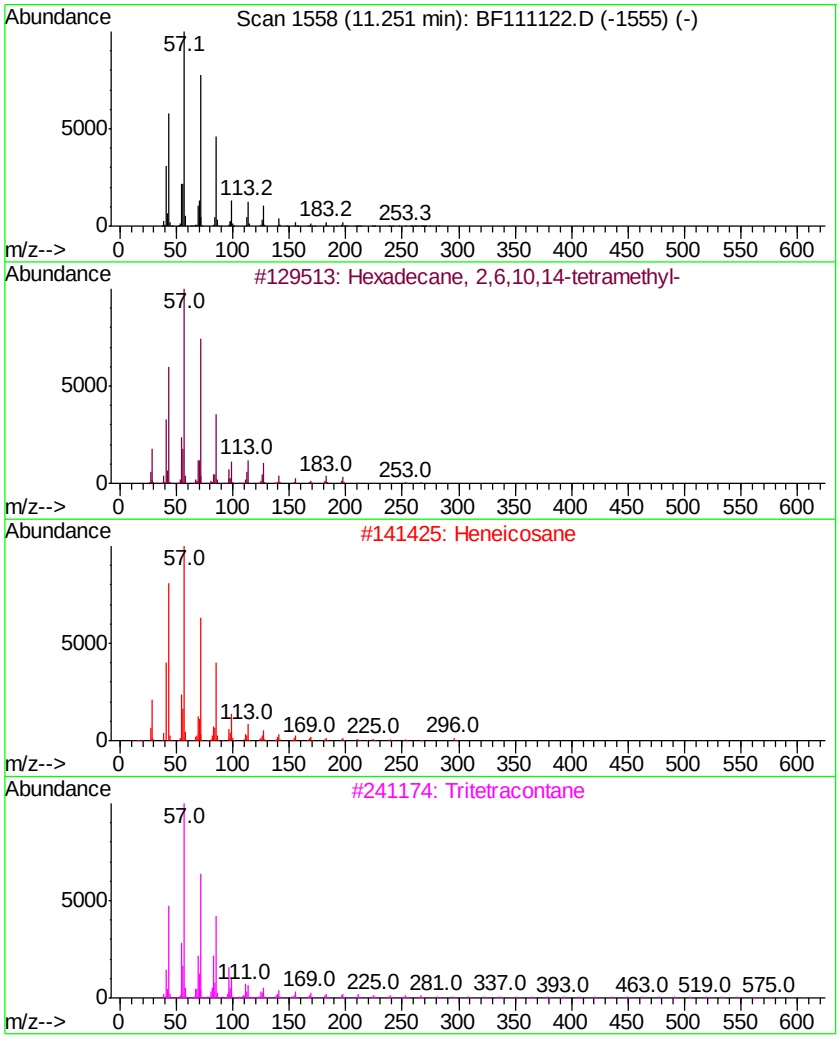
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

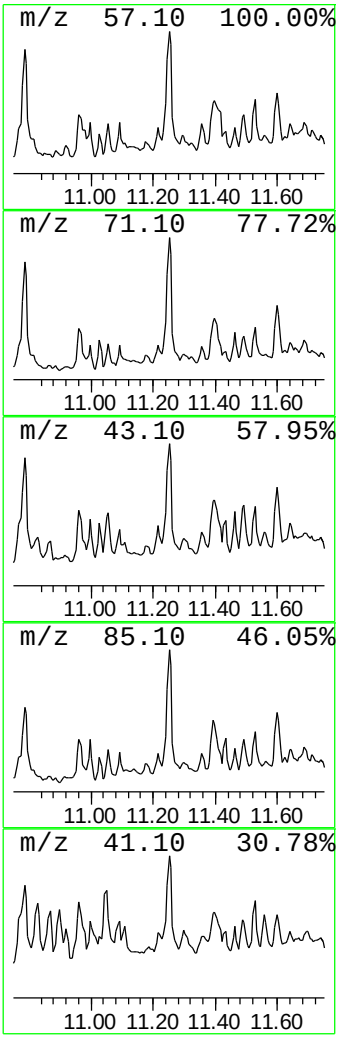
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	108.81 ng	18542000	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
2	Heneicosane	296	C21H44	000629-94-7	83
3	Tritetracontane	605	C43H88	007098-21-7	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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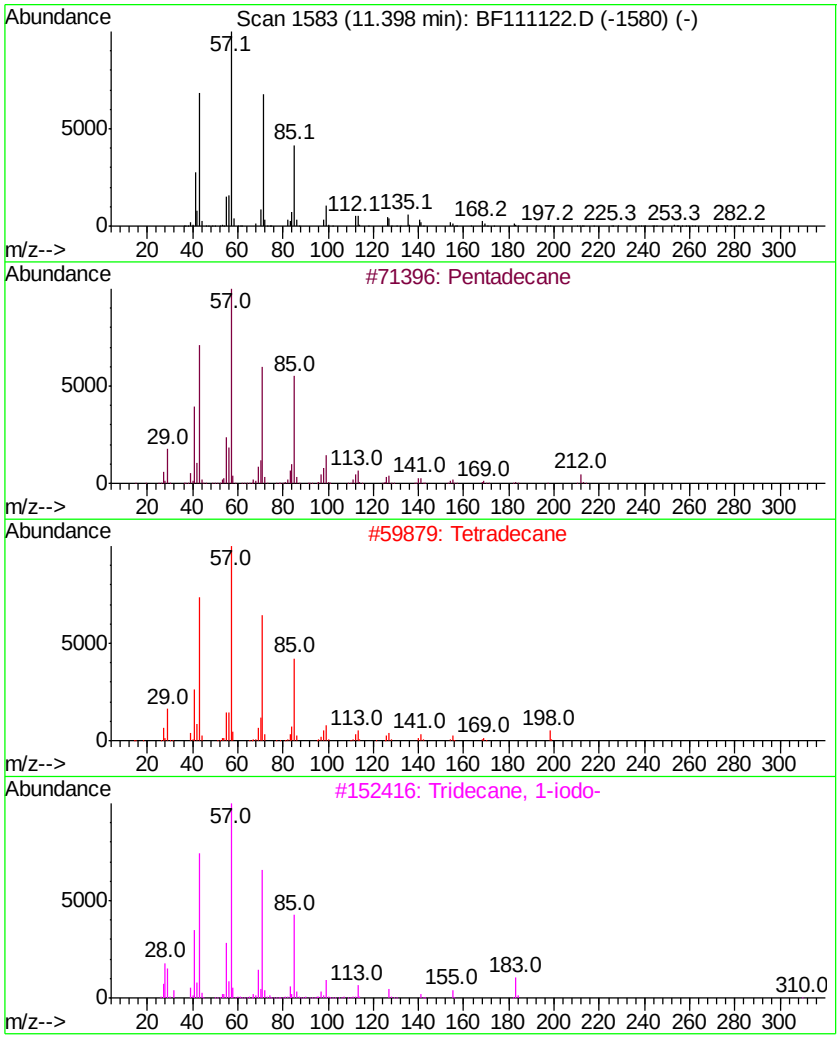
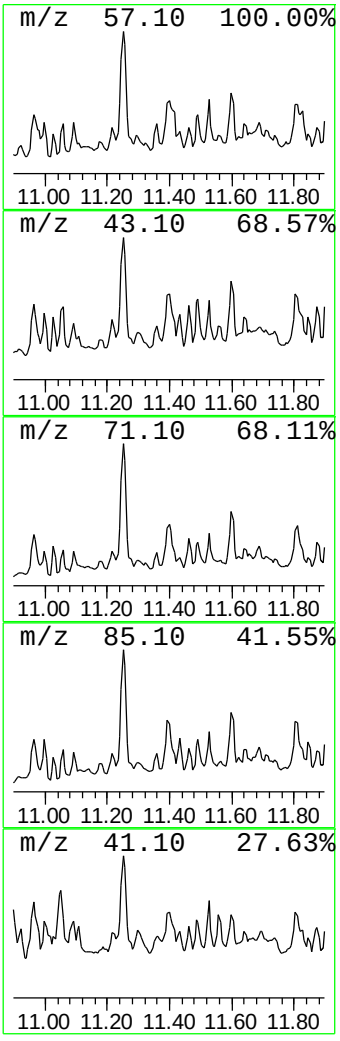
Peak Number 19 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	43.05 ng	7336230	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetradecane	198	C14H30	000629-59-4	78
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111122.D
Acq On : 5 Dec 2018 22:11
Operator : JU/SJ
Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

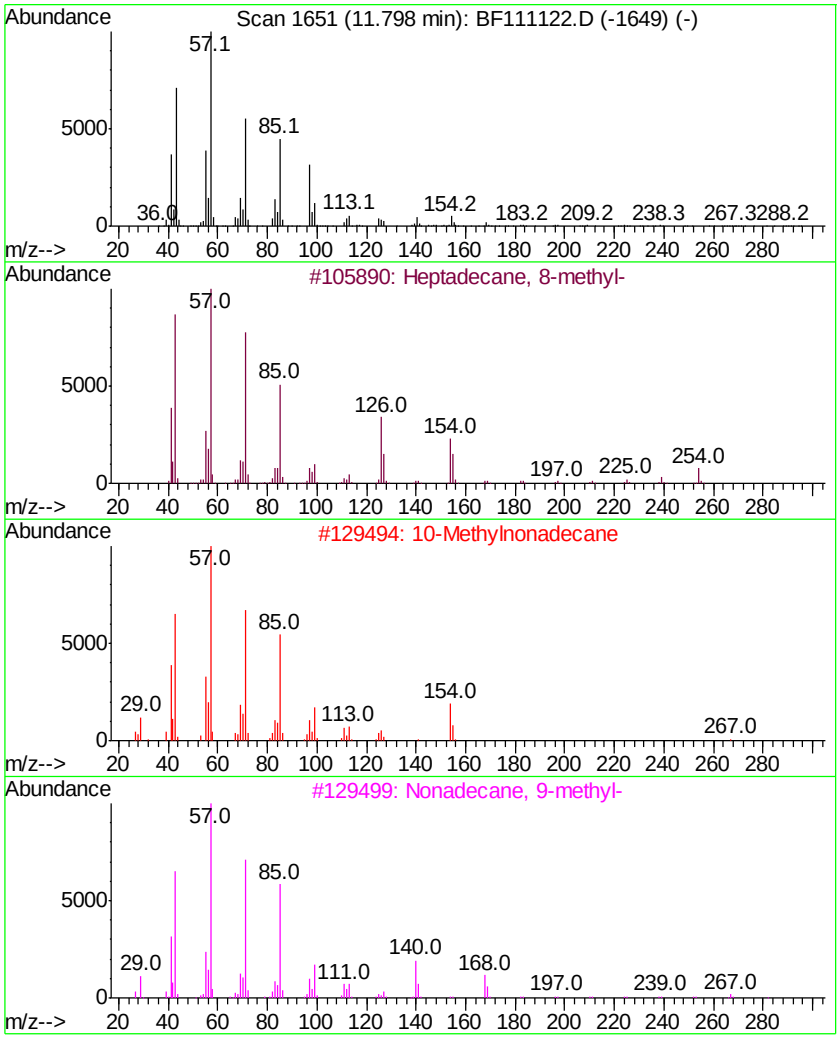
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

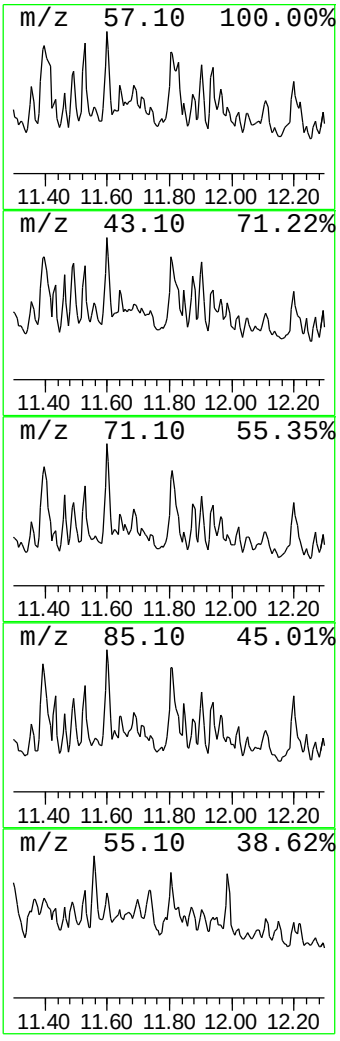
****

Peak Number 20 Heptadecane, 8-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	45.18 ng	7698480	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	89
2	10-Methylnonadecane	282	C20H42	056862-62-5	68
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	60
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	58
5	Tetradecane	198	C14H30	000629-59-4	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111122.D
Acq On : 5 Dec 2018 22:11
Operator : JU/SJ
Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane	6.66	62.6	ng	24053000	1	6.81	7679200	20.0
Tetradecane	7.43	86.9	ng	33377800	1	6.81	7679200	20.0
Tridecane, 2-methyl-	9.06	40.2	ng	11085900	3	9.85	5509220	20.0
Bacchotricuneatin c	10.03	46.0	ng	12669800	3	9.85	5509220	20.0
2-methyltetracosane	10.12	46.1	ng	12697500	3	9.85	5509220	20.0
Pentadecane, 2,6,...	10.52	60.4	ng	16638600	3	9.85	5509220	20.0
Pentadecane, 2,6,...	10.79	137.8	ng	23474400	4	11.33	3408240	20.0
4-(1,1-Dimethylpr...	10.83	85.1	ng	14507300	4	11.33	3408240	20.0
Phenol, m-tert-bu...	10.87	109.1	ng	18595600	4	11.33	3408240	20.0
Phenol, 2-(1,1-di...	10.92	49.5	ng	8426910	4	11.33	3408240	20.0
unknown10.96	10.96	111.2	ng	18944200	4	11.33	3408240	20.0
unknown11.00	11.00	109.7	ng	18700400	4	11.33	3408240	20.0
Phenol, 4-(1,1-di...	11.05	112.2	ng	19112700	4	11.33	3408240	20.0
unknown11.09	11.09	59.4	ng	10126500	4	11.33	3408240	20.0
Hexadecane, 2,6,1...	11.25	108.8	ng	18542000	4	11.33	3408240	20.0
Pentadecane	11.40	43.0	ng	7336230	4	11.33	3408240	20.0
Heptadecane, 8-me...	11.80	45.2	ng	7698480	4	11.33	3408240	20.0