LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113214.D
Acq On : 21 Mar 2019 17:55
Operator : JU/SJ
Sample : K2004-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(14-15)

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-BF022719.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	5.340	548	553	567	rBV	3378183	3756104	82.36%	6.018%
2	6.375	723	729	740	rBV	3785549	4560611	100.00%	7.307%
3	6.498	745	750	753	rBV	4485300	4268690	93.60%	6.840%
4	6.722	784	788	792	rBV	1251786	993788	21.79%	1.592%
5	6.881	811	815	818	rBV	3853235	3293114	72.21%	5.276%
6	7.287	878	884	887	rBV	2788104	2715122	59.53%	4.350%
7	7.751	959	963	966	rBV4	28380	46498	1.02%	0.075%
8	7.787	966	969	981	rVB	376346	484970	10.63%	0.777%
9	8.004	1002	1006	1012	rVV	1503969	1303574	28.58%	2.089%
10	8.051	1012	1014	1020	rVB2	60262	72502	1.59%	0.116%
11	8.204	1034	1040	1042	rBV4	44518	65061	1.43%	0.104%
12	8.228	1042	1044	1046	rVB2	74827	57235	1.25%	0.092%
13	8.339	1060	1063	1065	rBV	99373	82932	1.82%	0.133%
14	8.369	1065	1068	1071	rVV	92241	82329	1.81%	0.132%
15	8.628	1104	1112	1114	rBV	170736	291139	6.38%	0.466%
16	8.704	1120	1125	1127	rBV4	43412	86430	1.90%	0.138%
17	8.734	1127	1130	1132	rVB2	120508	128439	2.82%	0.206%
18	8.798	1138	1141	1145	rVB2	187104	204023	4.47%	0.327%
19	8.839	1145	1148	1150	rBV	74520	72718	1.59%	0.117%
20	8.875	1150	1154	1158	rVB2	105986	123123	2.70%	0.197%
21	8.916	1158	1161	1163	rBV2	68728	68637	1.50%	0.110%
22	8.957	1163	1168	1169	rBV4	104675	137596	3.02%	0.220%
23	8.969	1169	1170	1175	rVB	79241	74231	1.63%	0.119%
24	9.045	1178	1183	1185	rBV	76578	79630	1.75%	0.128%
25	9.081	1185	1189	1192	rBV	4432517	4197840	92.05%	6.726%
26	9.151	1197	1201	1205	rBV	102421	154427	3.39%	0.247%
27	9.186	1205	1207	1209	rVV3	92219	84247	1.85%	0.135%
28	9.222	1209	1213	1217	rVB	354971	332704	7.30%	0.533%
29	9.286	1222	1224	1225	rBV2	70152	51257	1.12%	0.082%
30	9.345	1230	1234	1237	rBV3	150622	230072	5.04%	0.369%
31	9.392	1240	1242	1248	rVB4	131188	163641	3.59%	0.262%
32	9.469	1248	1255	1260	rBV	403671	688370	15.09%	1.103%
33	9.610	1276	1279	1283	rVB4	41366	50124	1.10%	0.080%
34	9.675	1286	1290	1292	rBV3	89013	121719	2.67%	0.195%

LSC Area Percent Report

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Sample : K2004-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(14-15)

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.757	1298	1304	1310	rVB	1308843	1270145	27.85%	2.035%
36	9.922	1329	1332	1337	rVB7	44570	59353	1.30%	0.095%
37	9.986	1341	1343	1346	rVV2	88134	88416	1.94%	0.142%
38	10.016	1346	1348	1356	rVB5	71162	141398	3.10%	0.227%
39	10.145	1366	1370	1373	rBV3	103804	134612	2.95%	0.216%
40	10.316	1395	1399	1402	rBV	236743	264289	5.80%	0.423%
41	10.351	1402	1405	1412	rVB7	48379	75187	1.65%	0.120%
42	10.510	1429	1432	1434	rBV	115108	93886	2.06%	0.150%
43	10.545	1434	1438	1448	rVB	2795692	2846169	62.41%	4.560%
44	10.710	1464	1466	1471	rVB2	60475	67481	1.48%	0.108%
45	10.786	1476	1479	1482	rVV2	84938	90087	1.98%	0.144%
46	10.839	1486	1488	1493	rVB5	46308	55905	1.23%	0.090%
47	10.892	1494	1497	1499	rBV3	43699	45675	1.00%	0.073%
48	11.116	1532	1535	1546	rVB	254782	265473	5.82%	0.425%
49	11.233	1552	1555	1559	rBV	1308083	1152457	25.27%	1.847%
50	11.604	1615	1618	1620	rBV	131628	107712	2.36%	0.173%
51	11.780	1644	1648	1652	rBV	796128	860206	18.86%	1.378%
52	11.880	1662	1665	1669	rVB	190959	164794	3.61%	0.264%
53	11.980	1679	1682	1686	rBV	788982	670124	14.69%	1.074%
54	12.027	1687	1690	1694	rVB	308324	252190	5.53%	0.404%
55	12.092	1698	1701	1707	rVB	615082	537662	11.79%	0.861%
56	12.157	1709	1712	1713	rVV	124996	122041	2.68%	0.196%
57	12.180	1713	1716	1719	rVB	765882	646317	14.17%	1.036%
58	12.492	1765	1769	1772	rVB	2286526	2016658	44.22%	3.231%
59	12.557	1777	1780	1788	rBV2	401241	470425	10.31%	0.754%
60	12.821	1820	1825	1828	rBV	3015588	3104877	68.08%	4.975%
61	12.957	1844	1848	1851	rBV	1401979	1198045	26.27%	1.920%
62	13.057	1862	1865	1867	rBV	91816	95150	2.09%	0.152%
63	13.404	1919	1924	1927	rVB	481897	548307	12.02%	0.879%
64	13.469	1933	1935	1939	rBV3	54788	54613	1.20%	0.088%
65	13.516	1939	1943	1947	rBV3	170065	202486	4.44%	0.324%
66	13.557	1947	1950	1952	rBV	170246	195994	4.30%	0.314%
67	13.627	1960	1962	1967	rVB4	264364	290627	6.37%	0.466%
68	13.674	1967	1970	1976	rVB	293465	320142	7.02%	0.513%
69	13.727	1976	1979	1980	rBV	110505	112907	2.48%	0.181%
70	13.745	1980	1982	1985	rVV	363820	489333	10.73%	0.784%
71	13.774	1985	1987	1992	rVB3	308687	336466	7.38%	0.539%

LSC Area Percent Report

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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72	13.868	1996	2003	2012	rBV	1089403	1830008	40.13%	2.932%
73	13.951	2013	2017	2024	rBV3	227691	290738	6.37%	0.466%
74	14.039	2029	2032	2036	rVB	117624	128000	2.81%	0.205%
75	14.163	2050	2053	2057	rVB	238965	215081	4.72%	0.345%
76	14.345	2081	2084	2087	rBV	277493	232693	5.10%	0.373%
77	14.380	2087	2090	2097	rBV3	293915	586258	12.85%	0.939%
78	14.639	2131	2134	2137	rVB2	191414	203135	4.45%	0.325%
79	14.774	2154	2157	2162	rVB2	138848	169025	3.71%	0.271%
80	14.957	2184	2188	2193	rBV	296051	313815	6.88%	0.503%
81	15.280	2239	2243	2246	rBV	674102	792060	17.37%	1.269%
82	15.310	2246	2248	2254	rVB2	177598	206782	4.53%	0.331%
83	15.715	2313	2317	2320	rBV	128874	177038	3.88%	0.284%
84	16.509	2447	2452	2463	rVB3	271428	503069	11.03%	0.806%
85	17.256	2568	2579	2586	rBV5	760765	2248354	49.30%	3.602%
86	17.521	2617	2624	2645	rBV4	727792	2948517	64.65%	4.724%
87	17.704	2648	2655	2669	rVB3	735583	1847794	40.52%	2.961%
88	17.904	2684	2689	2694	rBV3	126286	270078	5.92%	0.433%
89	17.974	2695	2701	2721	rVB3	187422	879028	19.27%	1.408%

Sum of corrected areas: 62411979

LSC Report - Integrated Chromatogram

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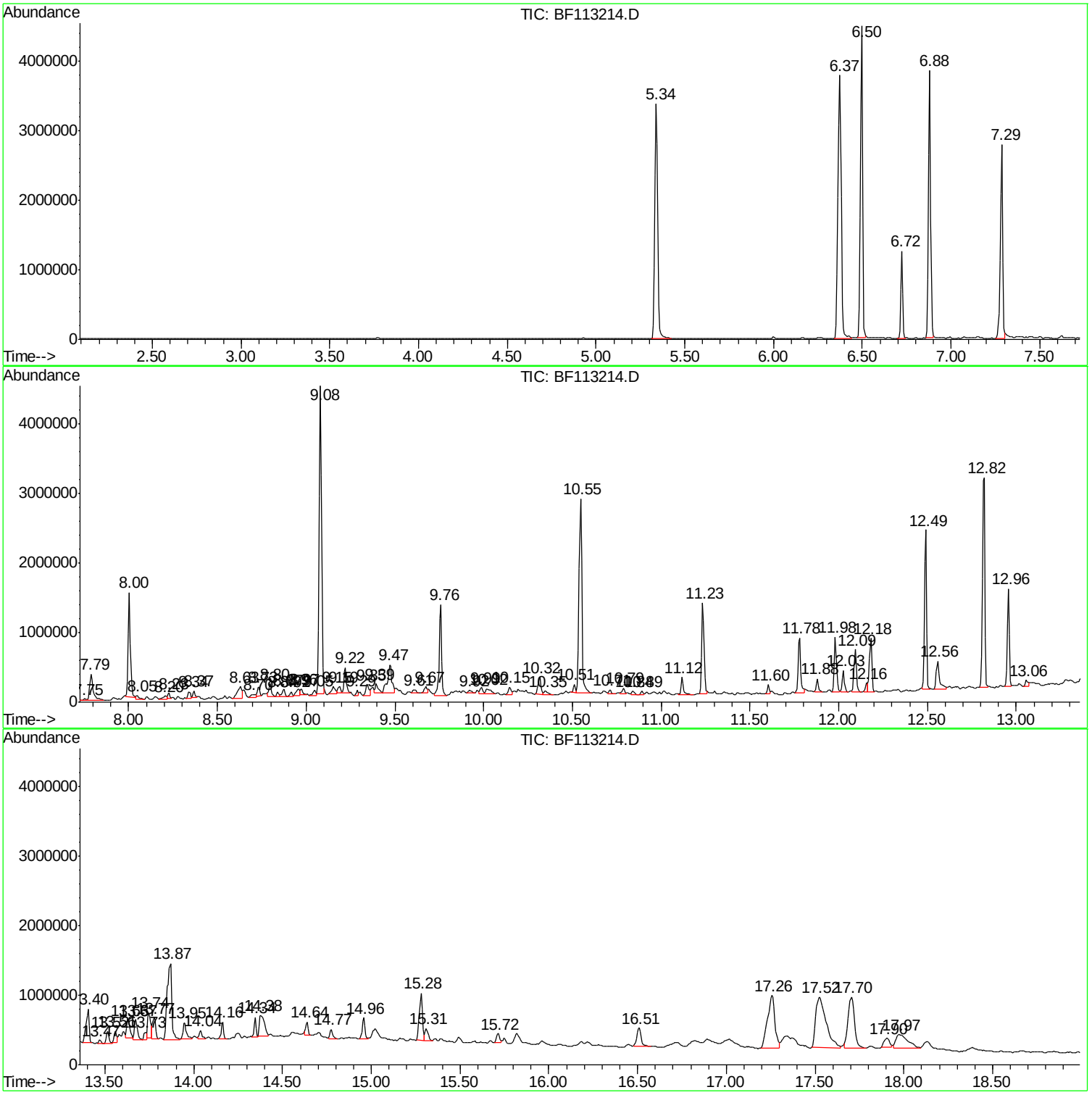
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-20(14-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113214.D
Acq On : 21 Mar 2019 17:55
Operator : JU/SJ
Sample : K2004-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(14-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

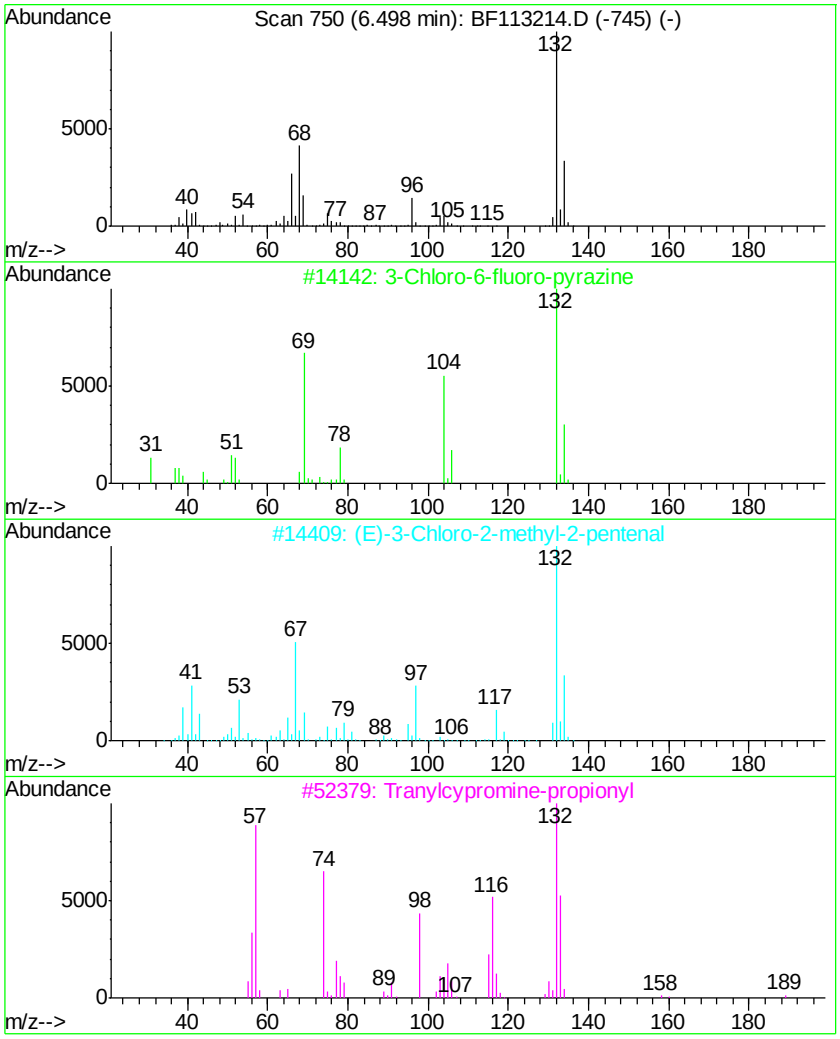
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

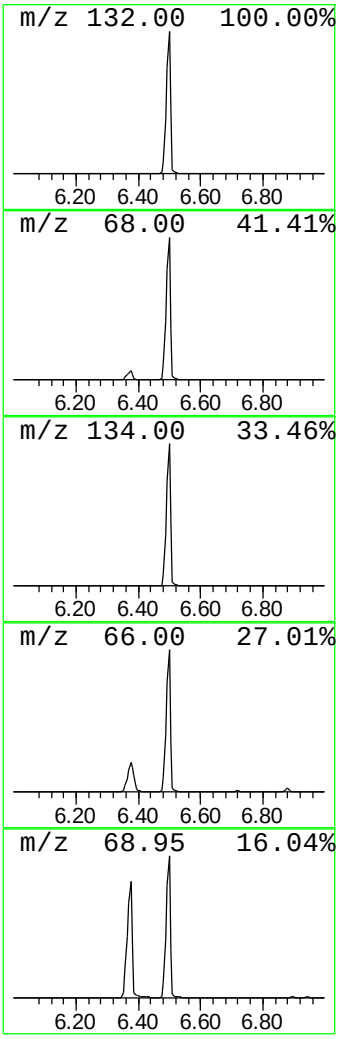
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	85.91 ng	4268690	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Data File : BF113214.D
Acq On : 21 Mar 2019 17:55
Operator : JU/SJ
Sample : K2004-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-20(14-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

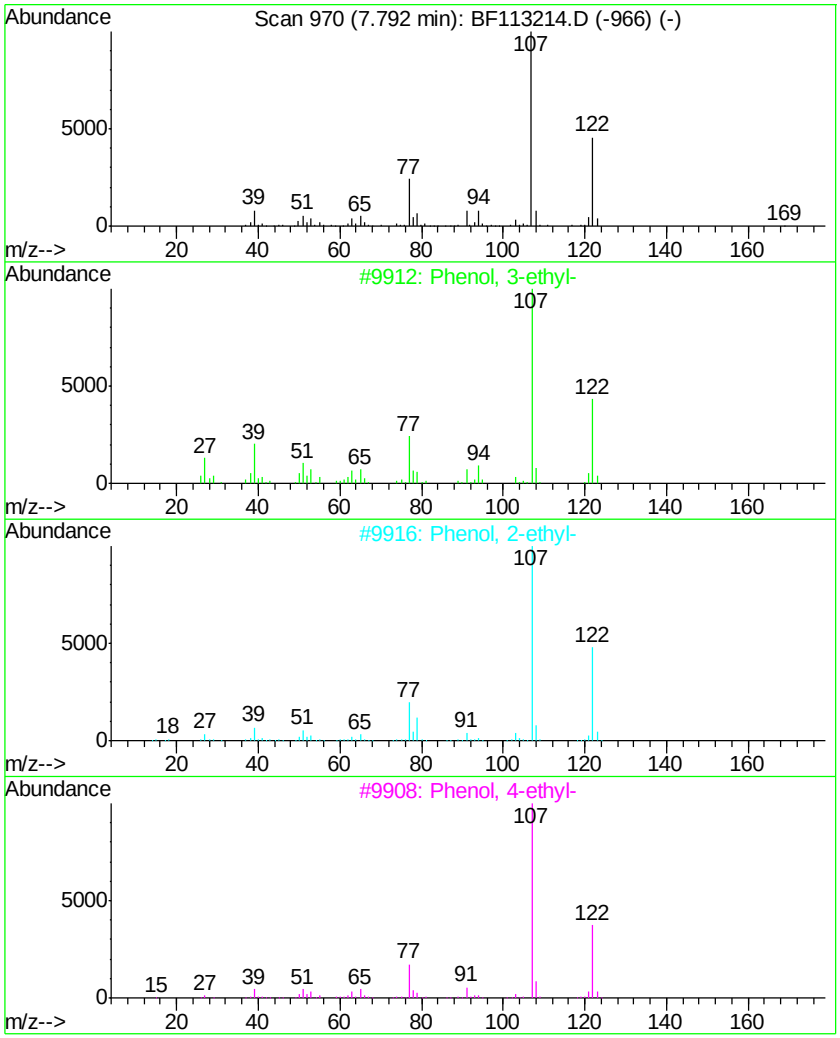
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

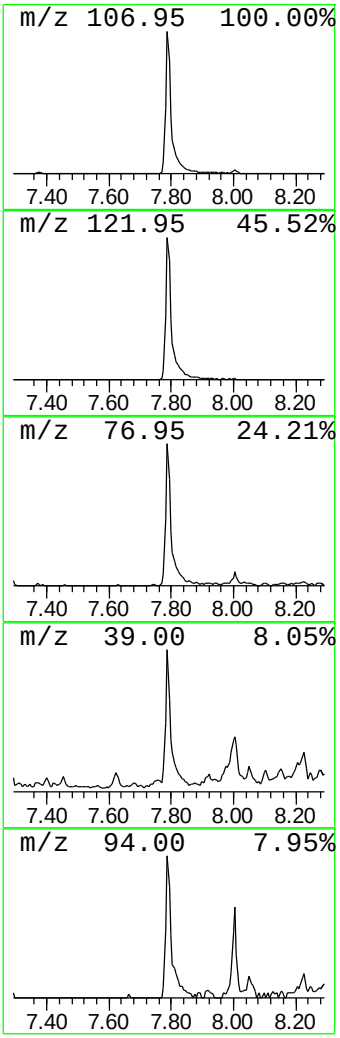
****

Peak Number 3 Phenol, 3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	7.44 ng	484970	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	90
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	78
5	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	72





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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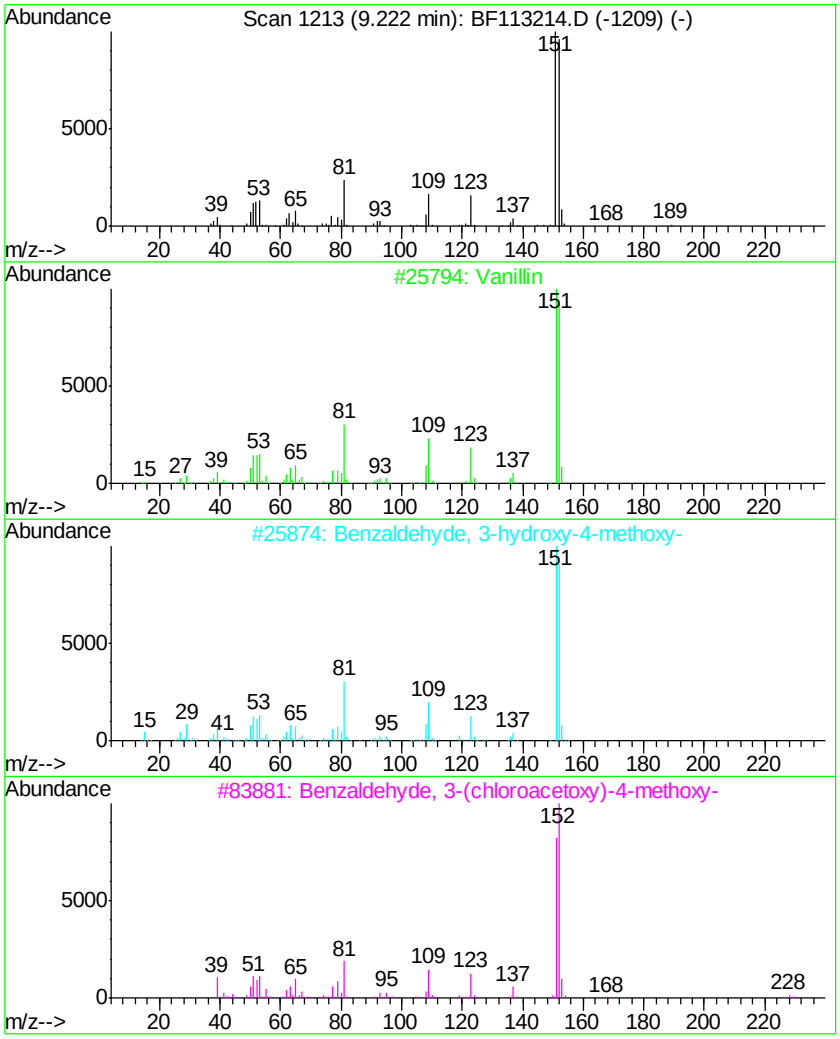
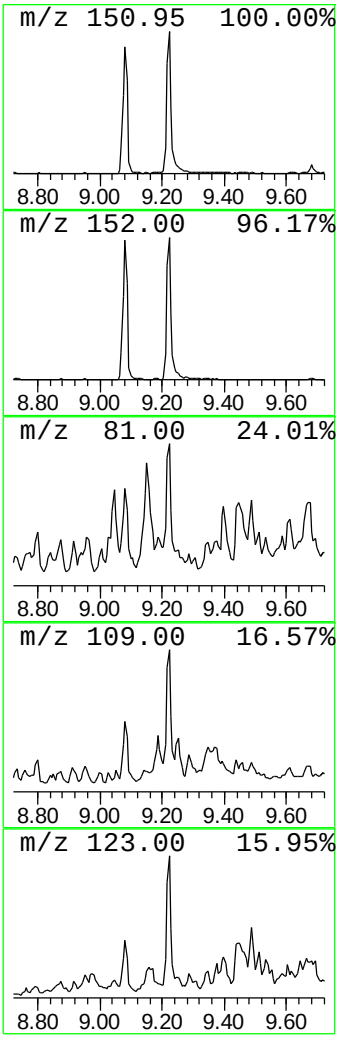
Peak Number 4 Vanillin Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	5.24 ng	332704	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	96
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94
3	Benzaldehyde, 3-(chloroacetoxy)-...	228	C10H9ClO4	066267-38-7	90
4	Vanillin lactoside	476	C20H28O13	1000129-94-7	83
5	Benzaldehyde, 4-(methylthio)-	152	C8H8OS	003446-89-7	72





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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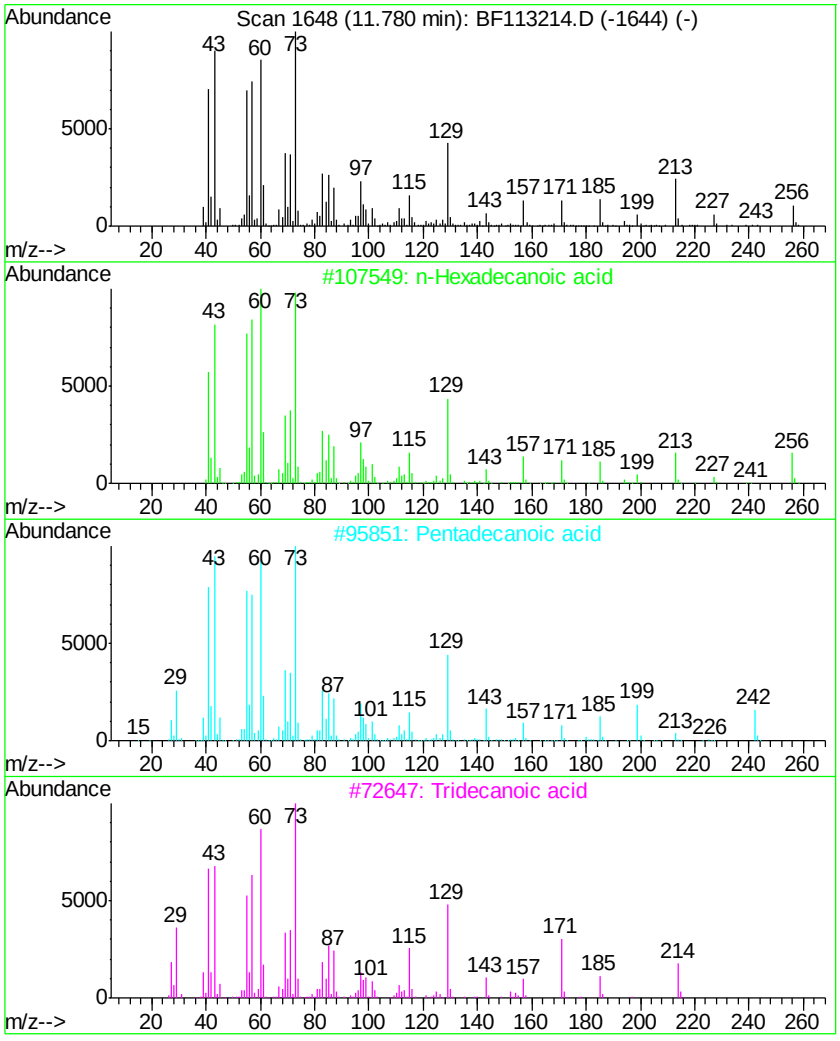
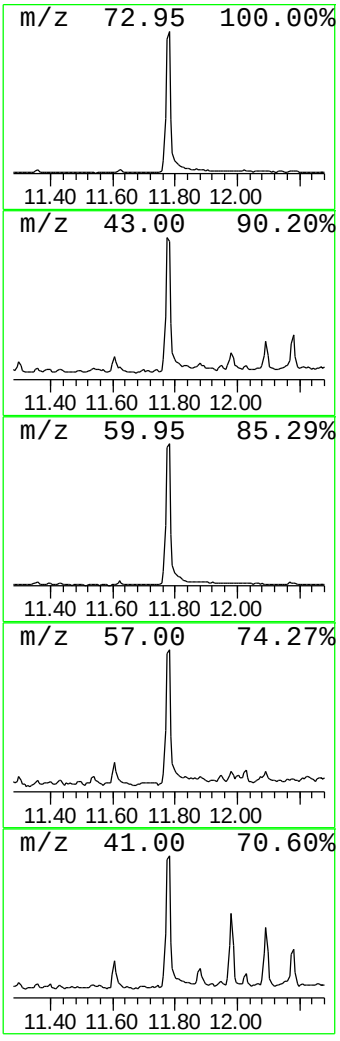
Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	14.93 ng	860206	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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Data File : BF113214.D
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Operator : JU/SJ
Sample : K2004-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(14-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

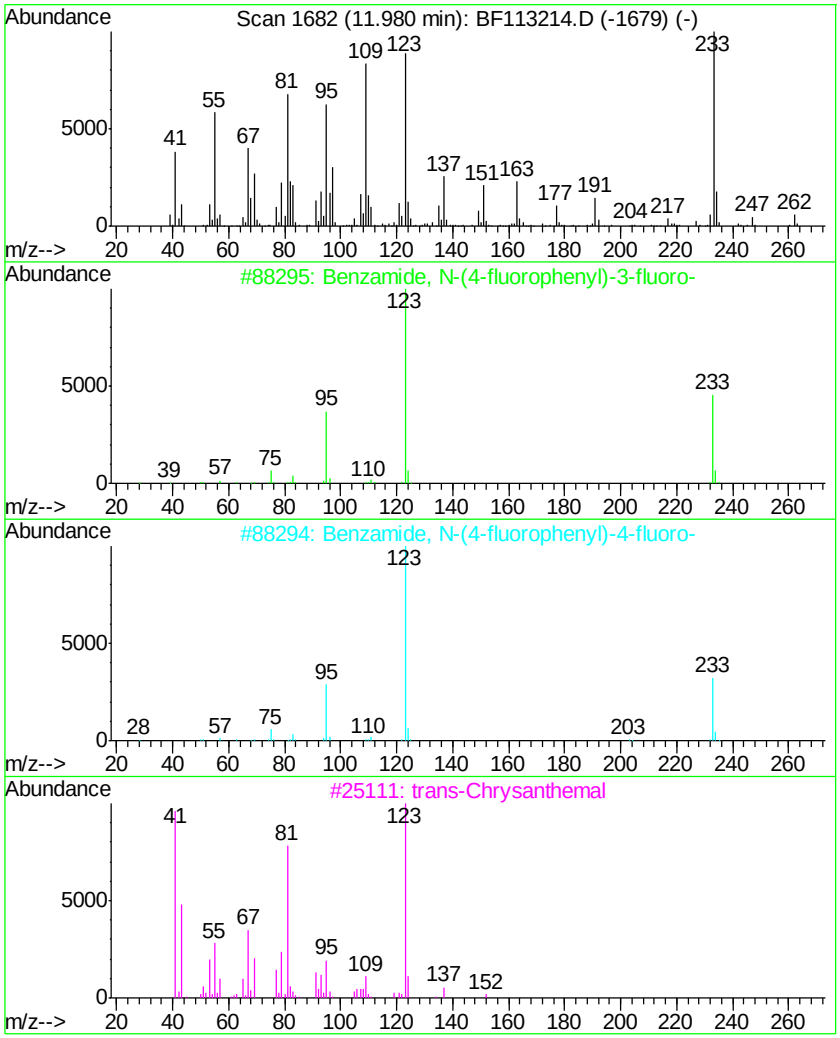
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

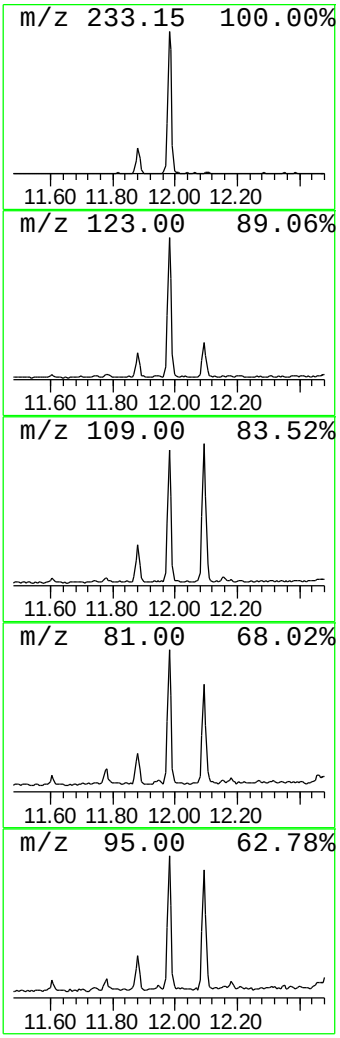
****

Peak Number 6 unknown11.98 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	11.63 ng	670124	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	45
2	Benzamide, N-(4-fluorophenyl)-4-...	233	C13H9F2NO	1000307-10-1	43
3	trans-Chrysanthemal	152	C10H16O	020104-05-6	25
4	18-Norabietane	262	C19H34	1000293-16-6	25
5	Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	22





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Data File : BF113214.D
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Operator : JU/SJ
Sample : K2004-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(14-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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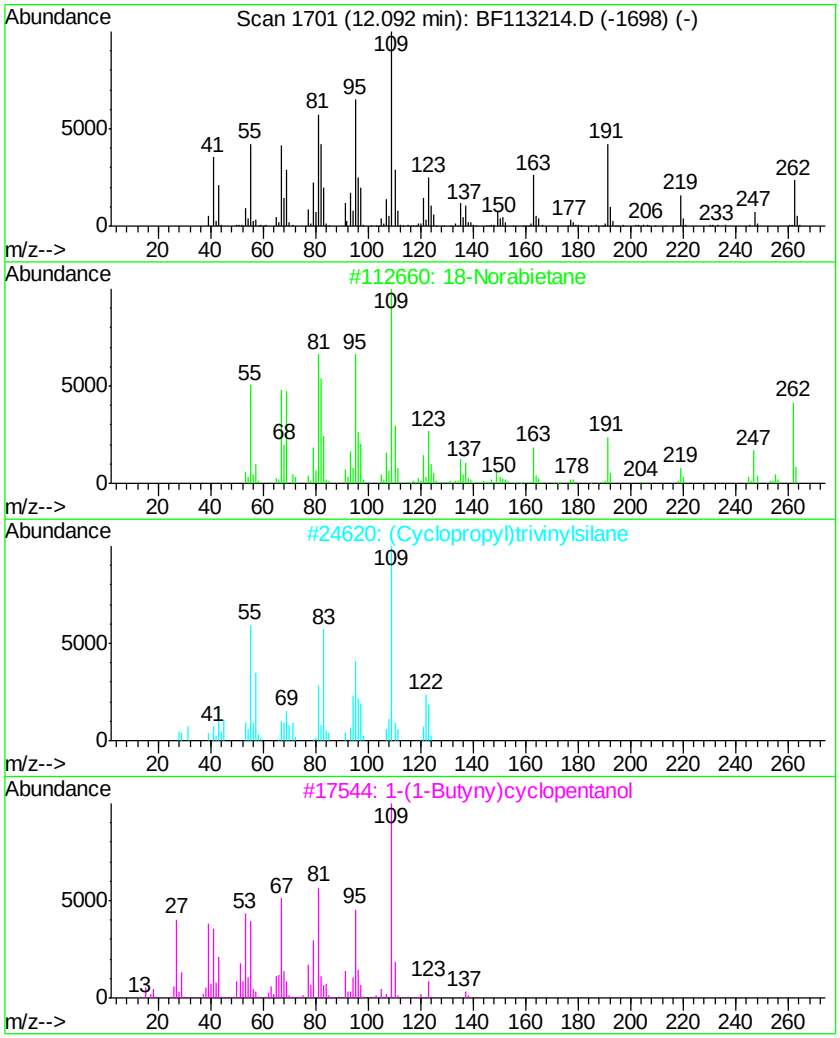
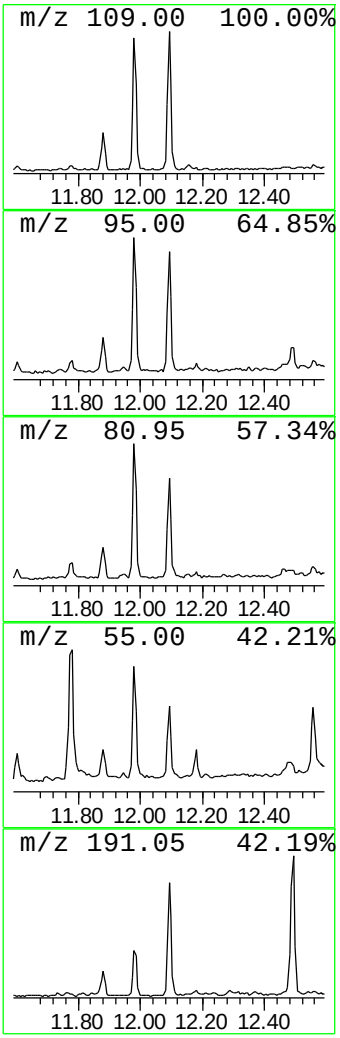
Peak Number 7 18-Norabietane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	9.33 ng	537662	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	95
2	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	38
3	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	35
4	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
5	4-Fluorobenzyl alcohol, methyl e...	140	C8H9FO	1000365-13-9	27





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Sample : K2004-02
Misc :
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ClientSampleId : SB-20(14-15)

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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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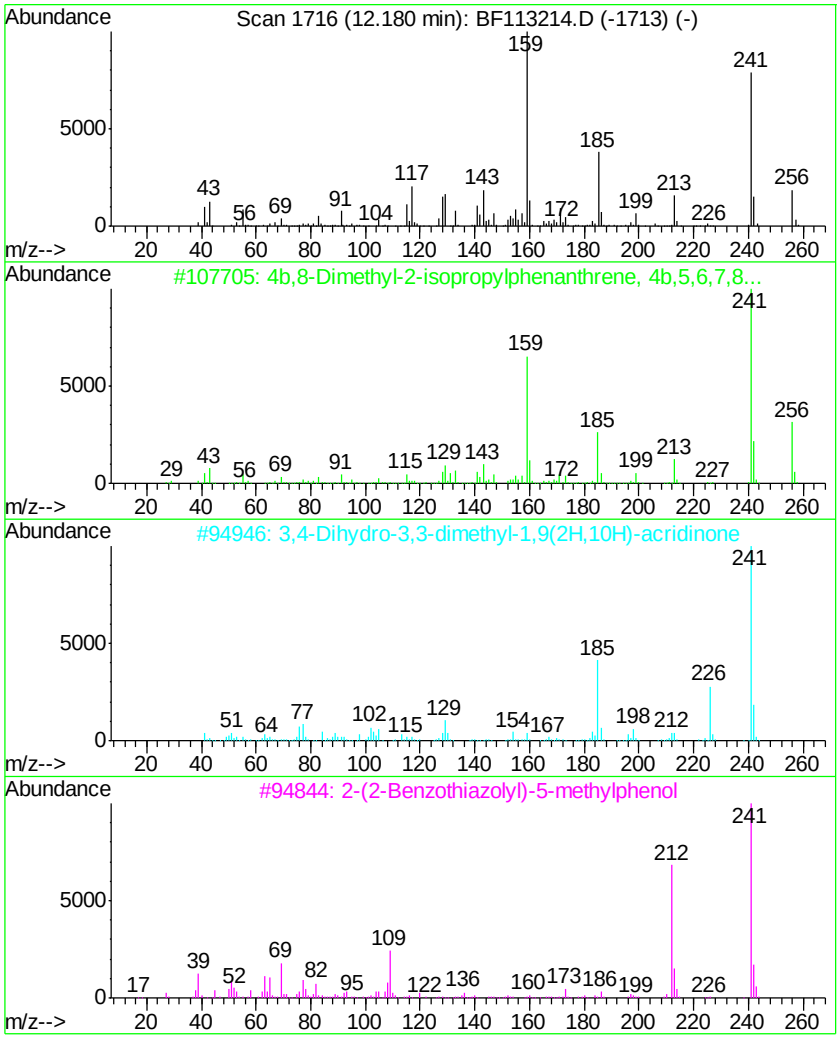
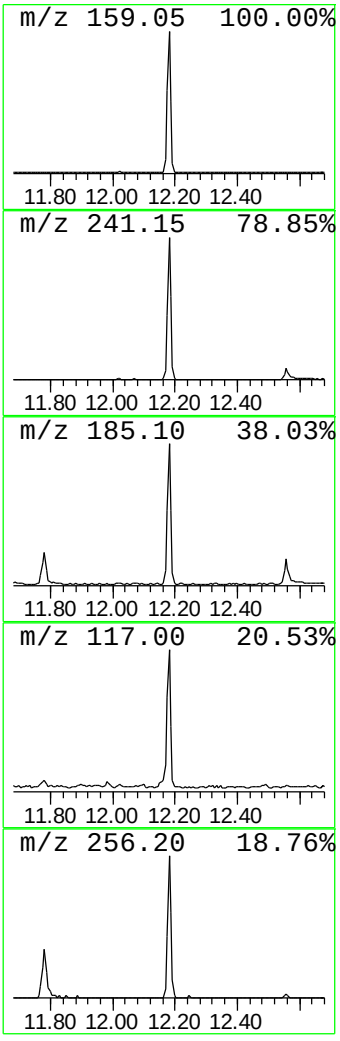
Peak Number 8 4b,8-Dimethyl-2-isopropylph... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	11.22 ng	646317	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	38
3	2-(2-Benzothiazolyl)-5-methylphenol	241	C14H11NOS	056048-54-5	27
4	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	27
5	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	003271-05-4	27





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Misc :
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ClientSampleId : SB-20(14-15)

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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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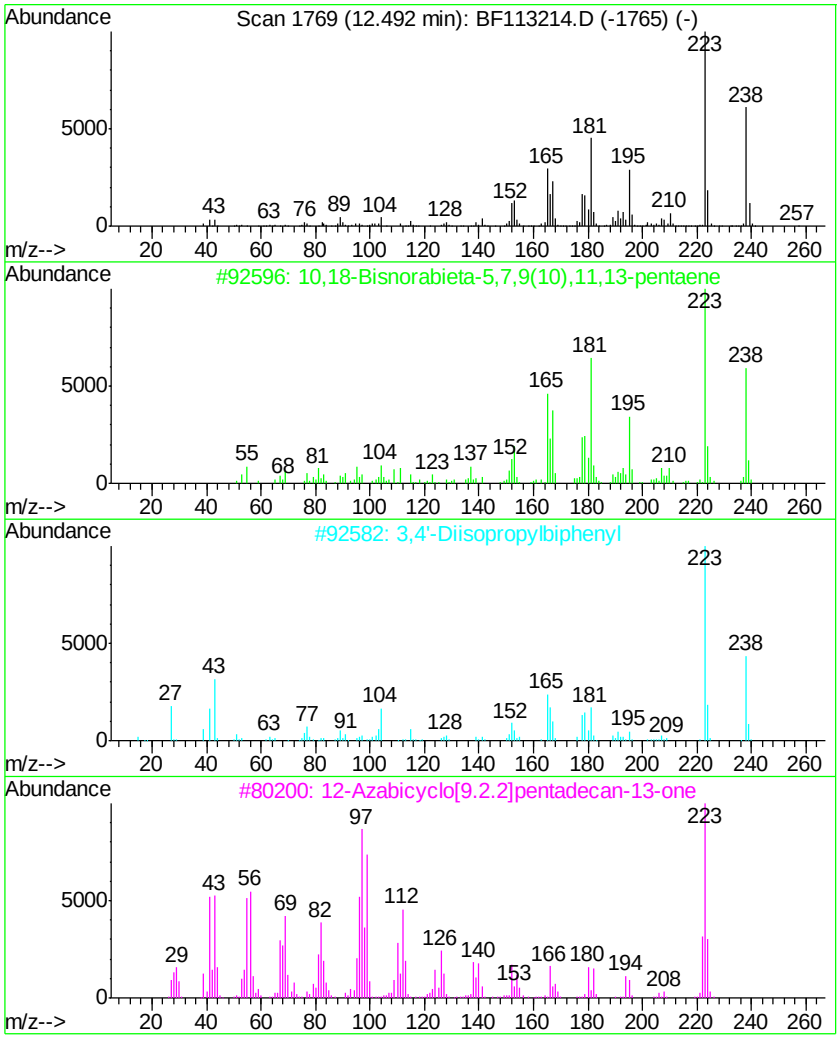
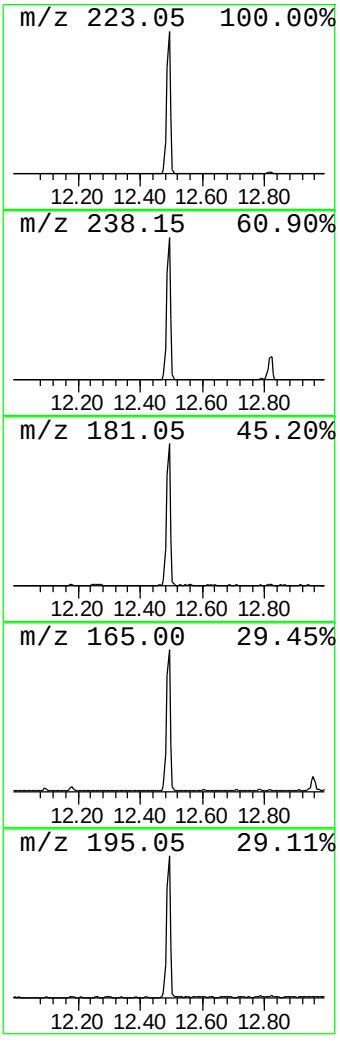
Peak Number 9 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	35.00 ng	2016660	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	92
3	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	74
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	58





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TIC Integration Parameters: LSCINT.P

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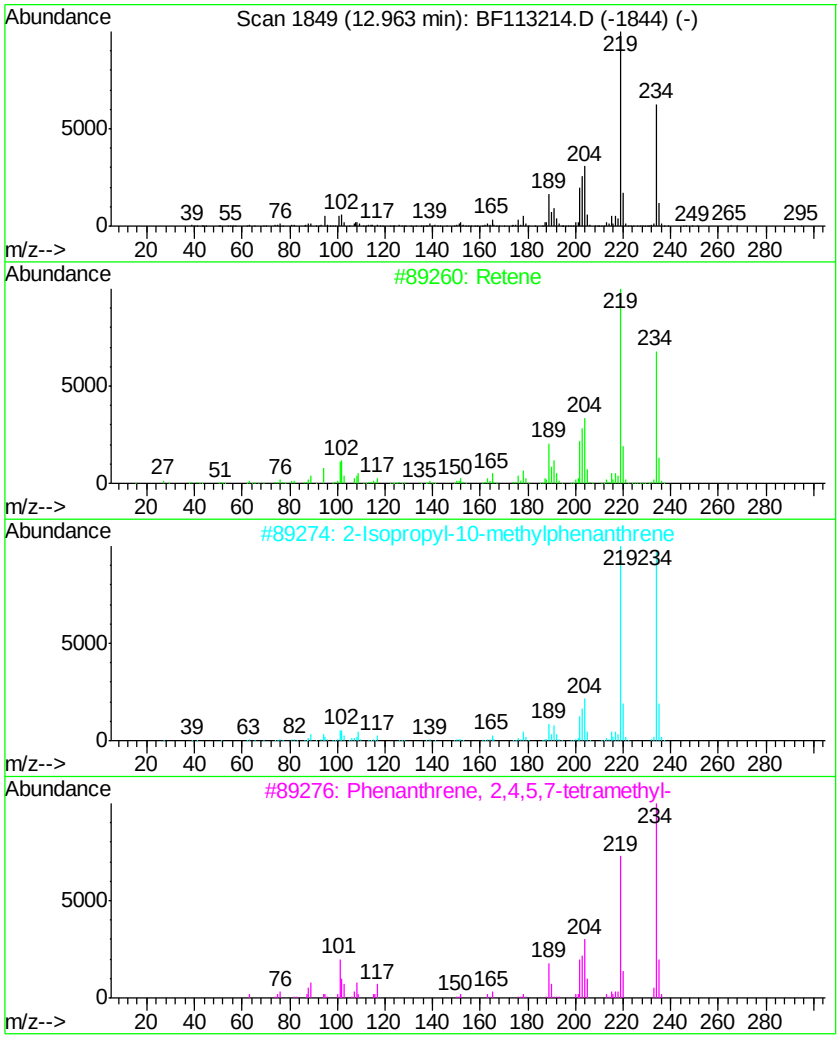
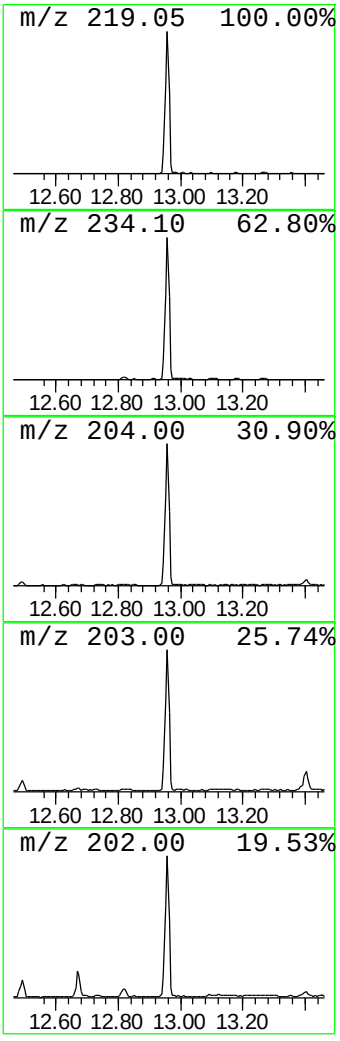
Peak Number 10 Retene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	13.09 ng	1198050	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89
4	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	50





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ClientSampleId : SB-20(14-15)

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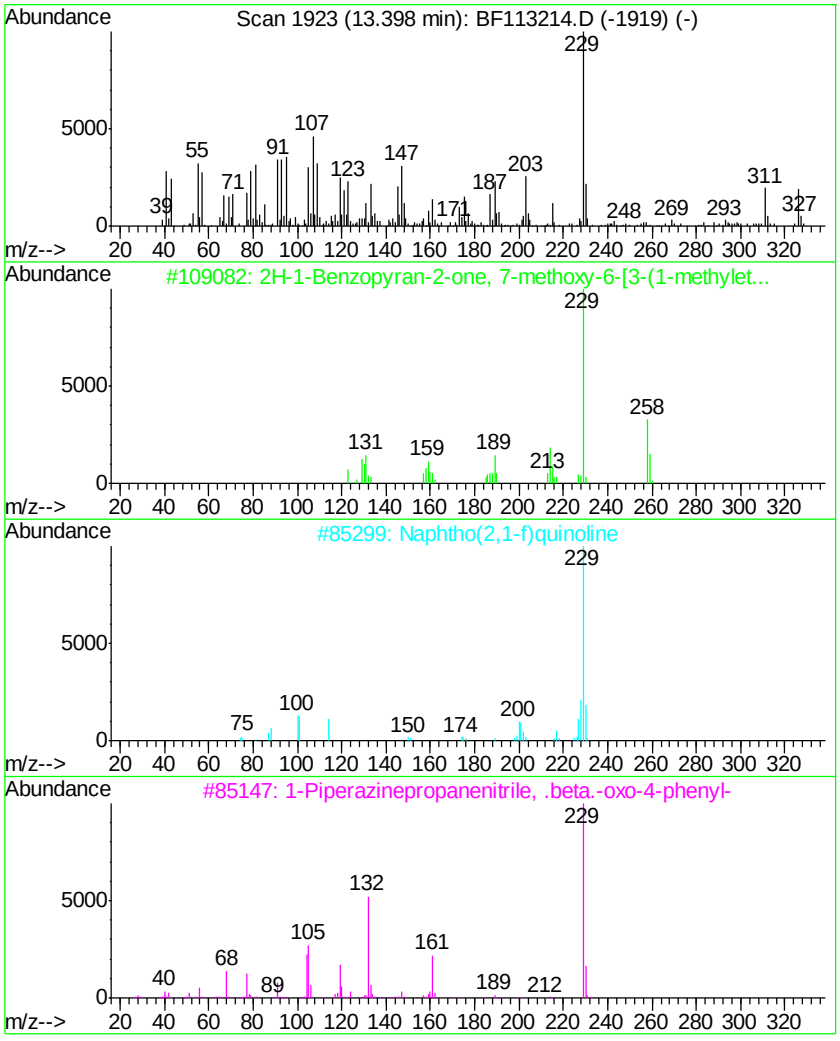
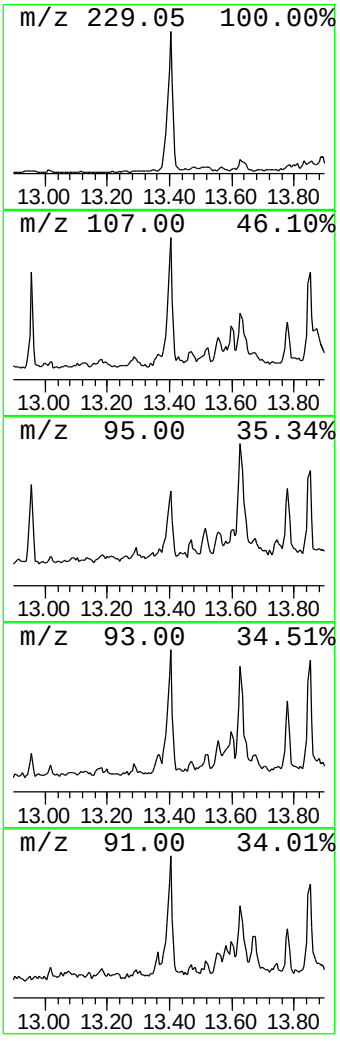
Peak Number 11 unknown13.40 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	5.99 ng	548307	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 7-methoxy...	258	C15H14O4	023631-16-5	22
2	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	22
3	1-Piperazinepropanenitrile, .bet...	229	C13H15N3O	014761-40-1	22
4	Benzoic acid, 4-(4-propylcyclohe...	340	C22H25FO2	087592-61-8	14
5	.gamma.-Oxo-1-pyrenebutyric acid	302	C20H14O3	007499-60-7	12





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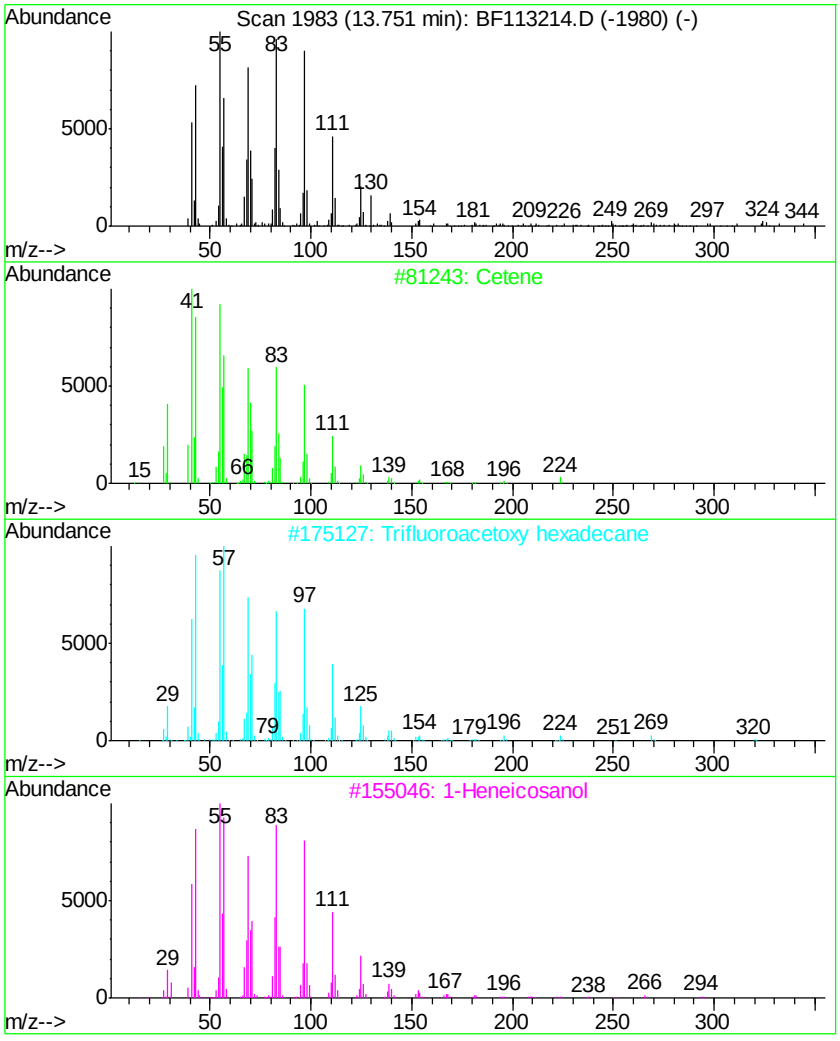
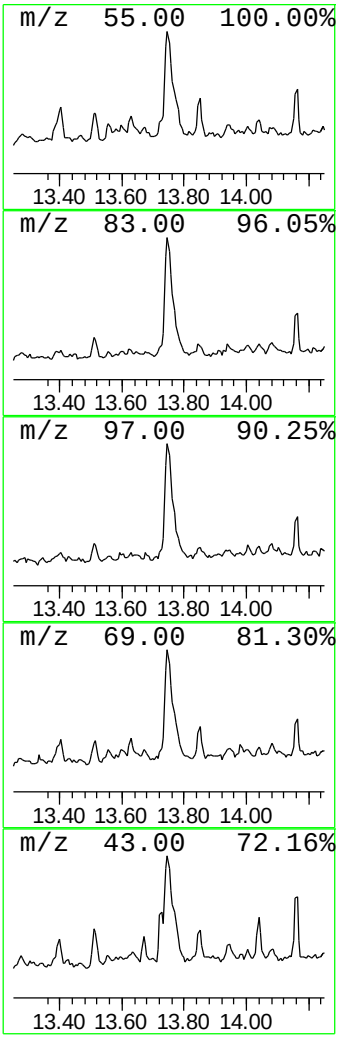
Peak Number 12 Cetene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.35 ng	489333	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	96
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	70





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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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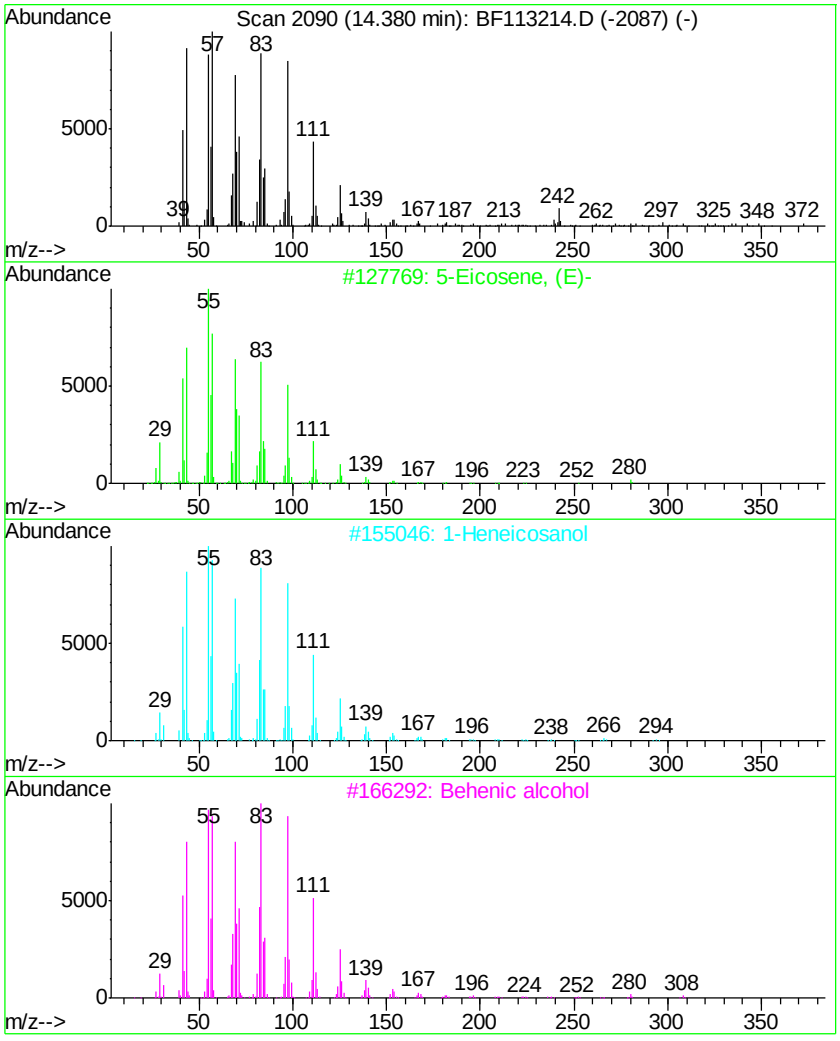
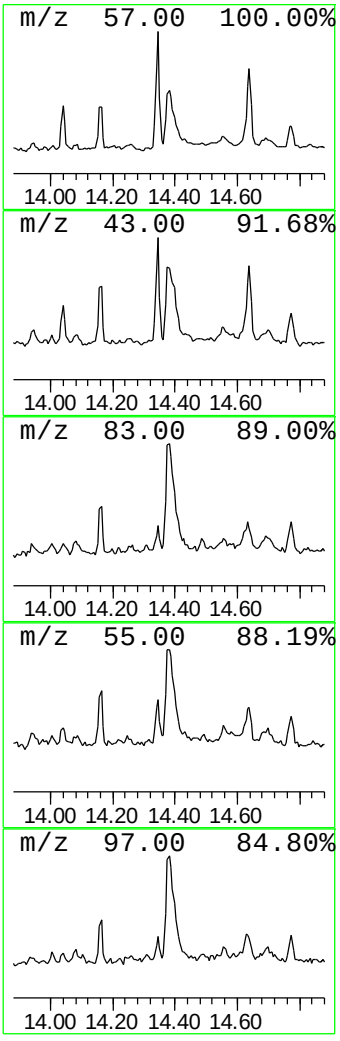
Peak Number 13 5-Eicosene, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	6.41 ng	586258	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Docosene	308	C22H44	001599-67-3	92
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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ClientSampleId : SB-20(14-15)

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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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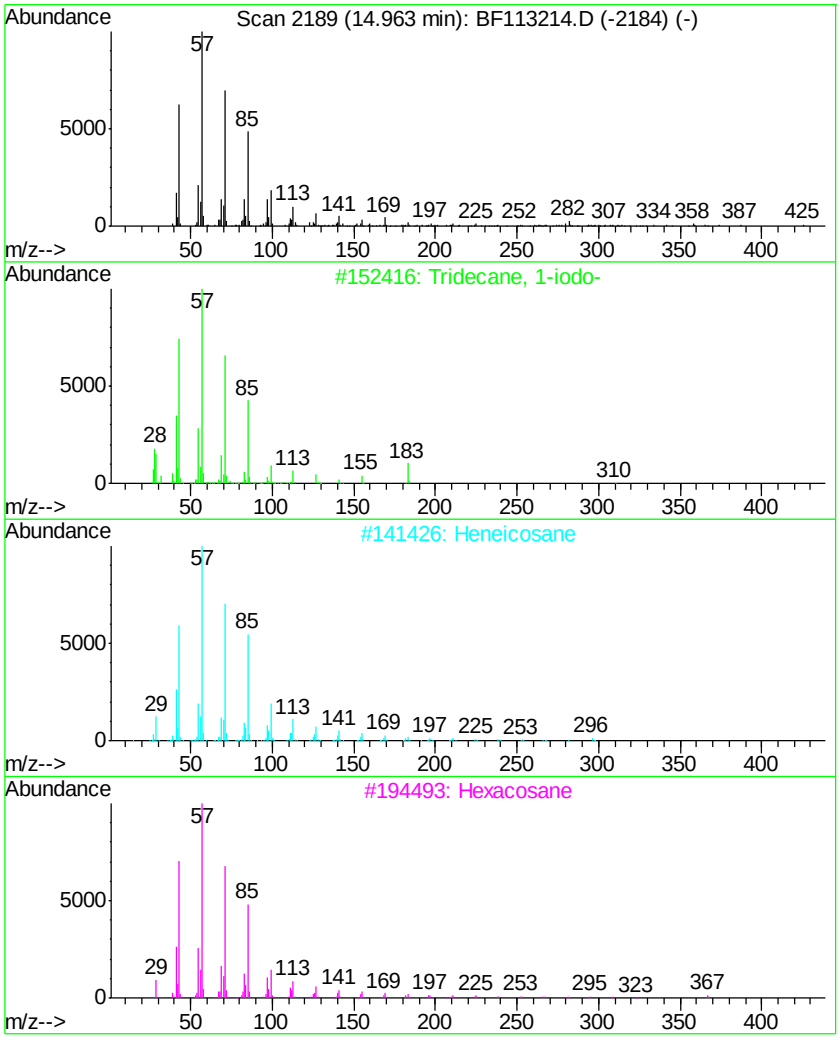
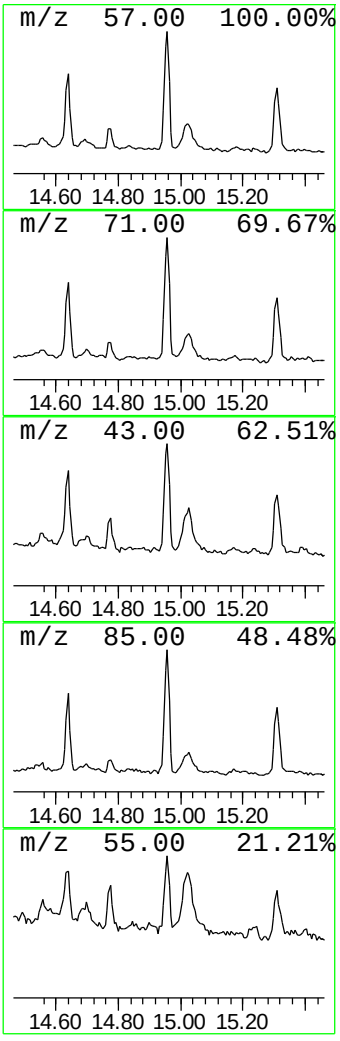
Peak Number 14 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	7.92 ng	313815	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Docosane	310	C22H46	000629-97-0	91





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Instrument : BNA_F
ClientSampleId : SB-20(14-15)

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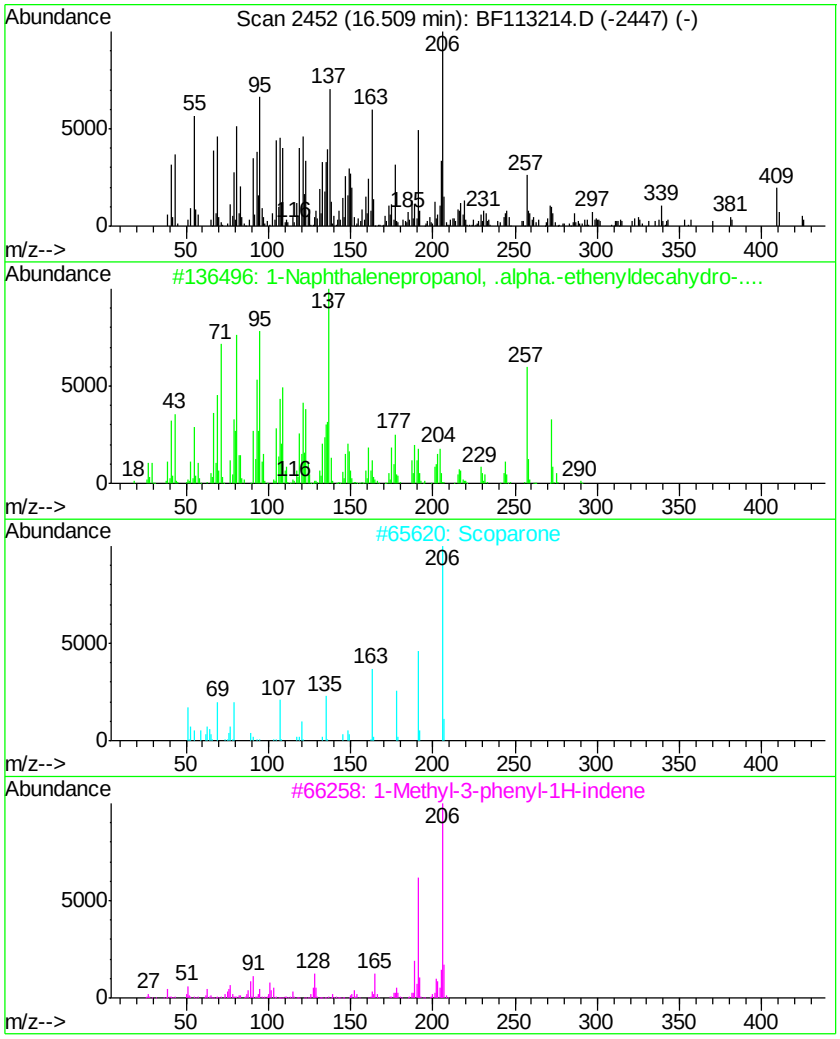
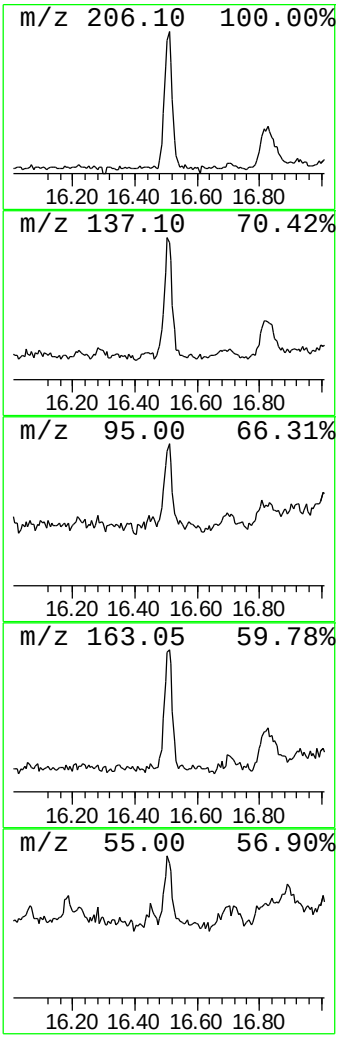
Peak Number 15 unknown16.51 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	12.70 ng	503069	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	000596-85-0	38
2	Scoparone	206	C11H10O4	000120-08-1	30
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	25
4	1,1,1-Trifluoro-4-(2-furyl)-4-hy...	206	C8H5F3O3	015788-03-1	25
5	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	20





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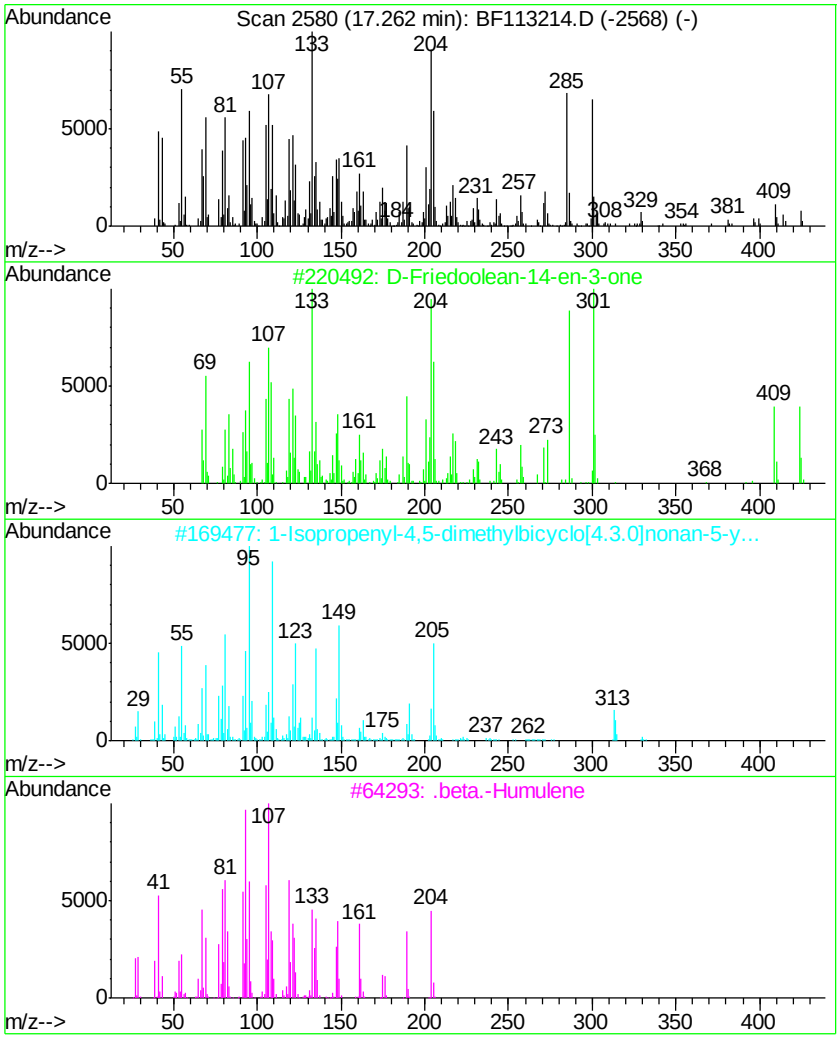
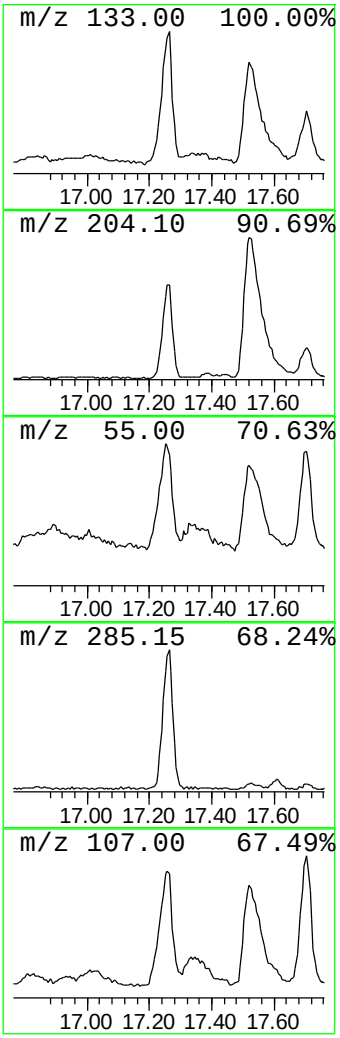
Peak Number 16 D-Friedoolean-14-en-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	56.77 ng	2248350	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	83
2	1-Isopropenyl-4,5-dimethylbicycl...	330	C21H30OS	1000195-85-4	53
3	.beta.-Humulene	204	C15H24	000116-04-1	45
4	Aromandendrene	204	C15H24	000489-39-4	43
5	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43





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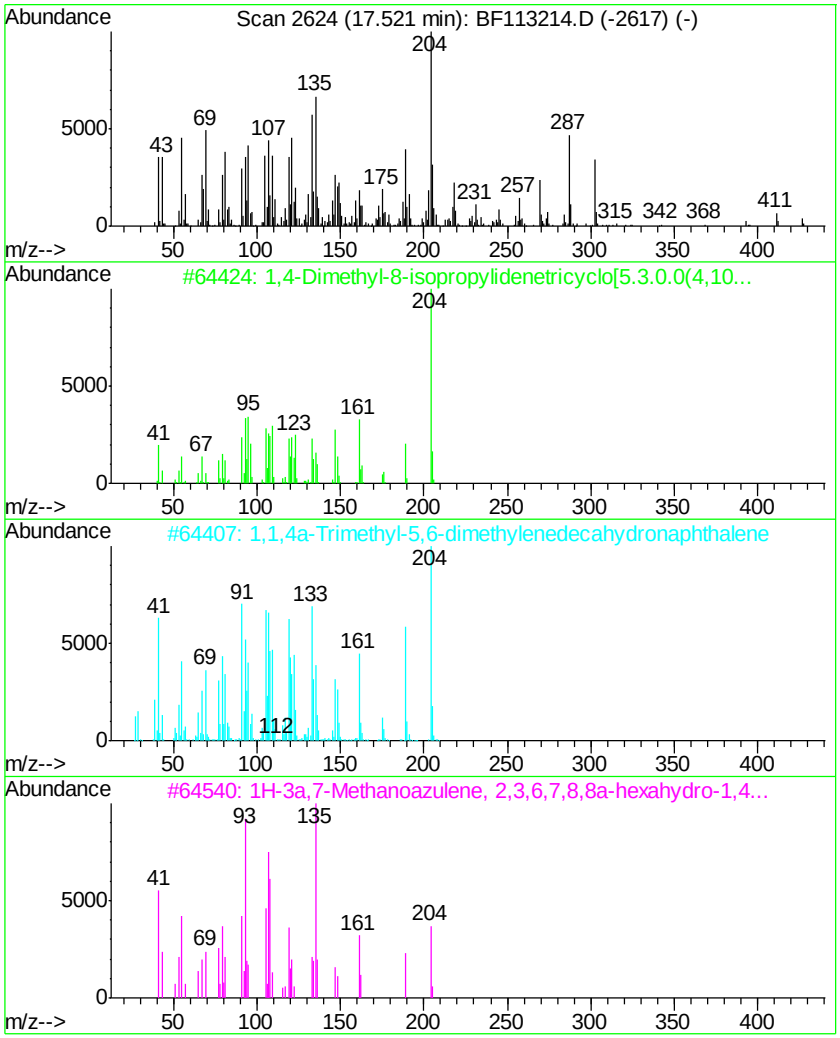
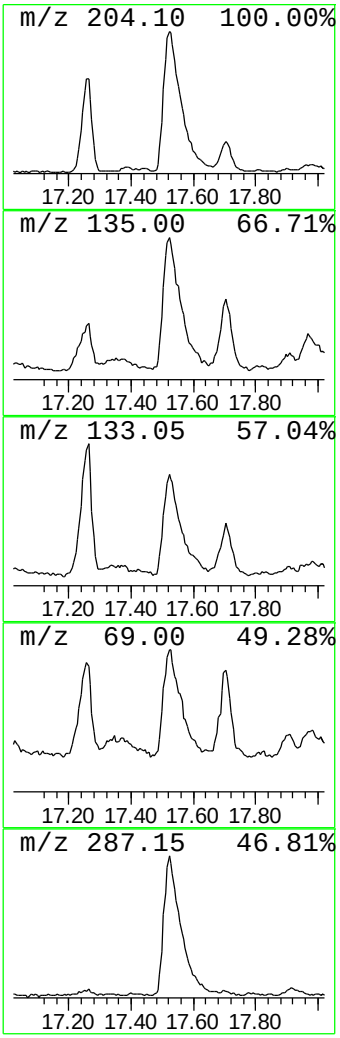
Peak Number 17 1,4-Dimethyl-8-isopropylide... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	74.45 ng	2948520	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	53
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	50
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	47
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	45
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	35





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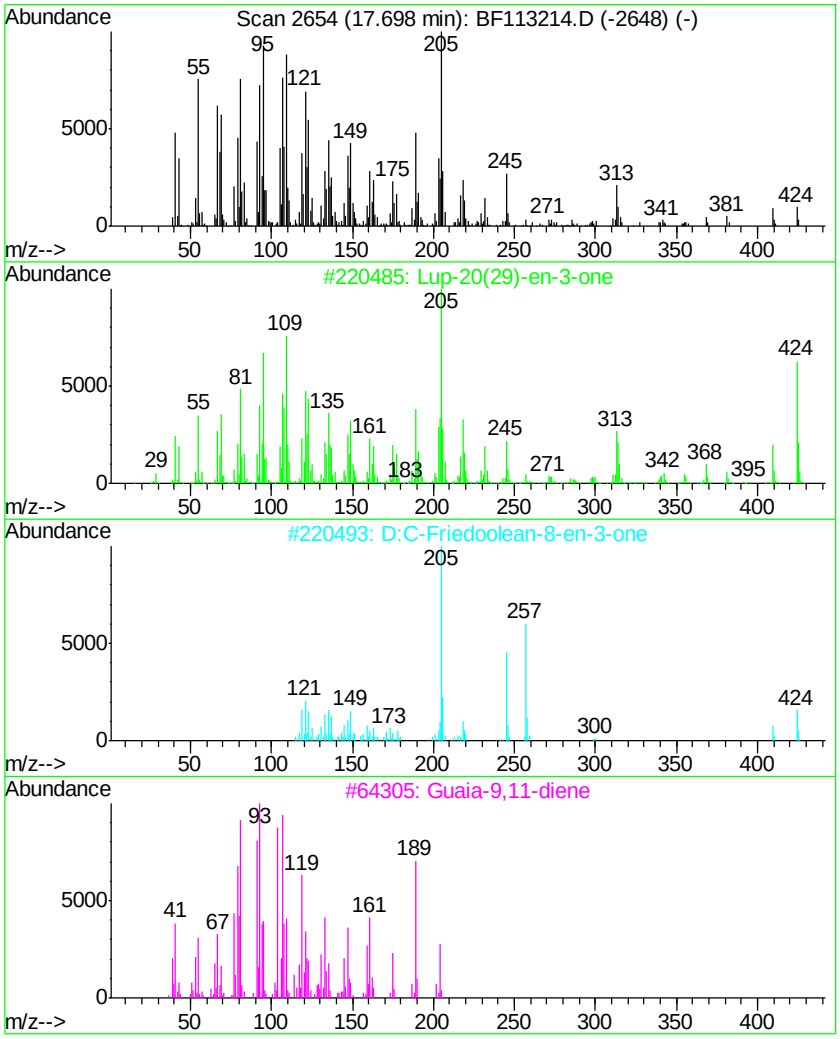
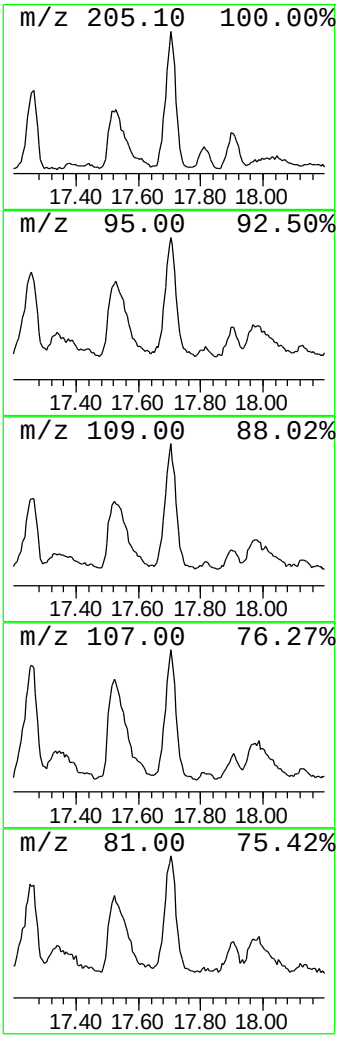
Peak Number 18 Lup-20(29)-en-3-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	46.66 ng	1847790	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	99
2	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	89
3	Guaia-9,11-diene	204	C15H24	1000374-19-8	70
4	2,6,6,9,2',6',6',9'-Octamethyl-[...	410	C30H50	1000189-48-2	55
5	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113214.D
Acq On : 21 Mar 2019 17:55
Operator : JU/SJ
Sample : K2004-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(14-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

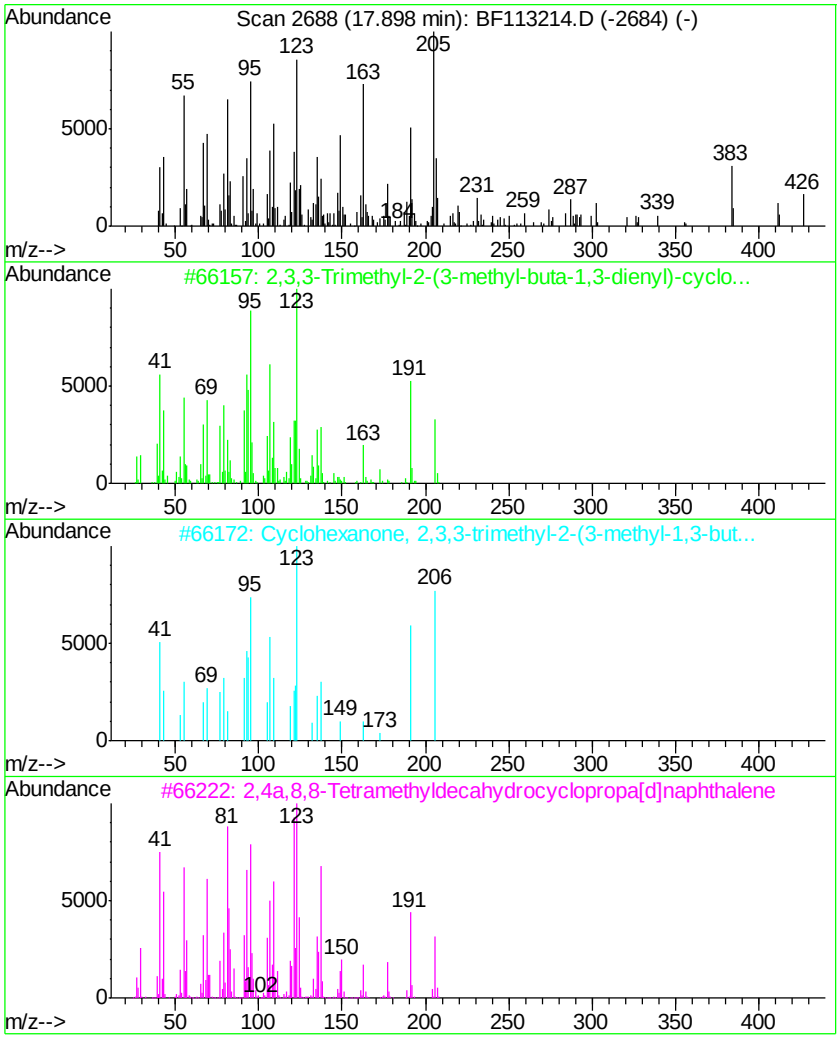
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

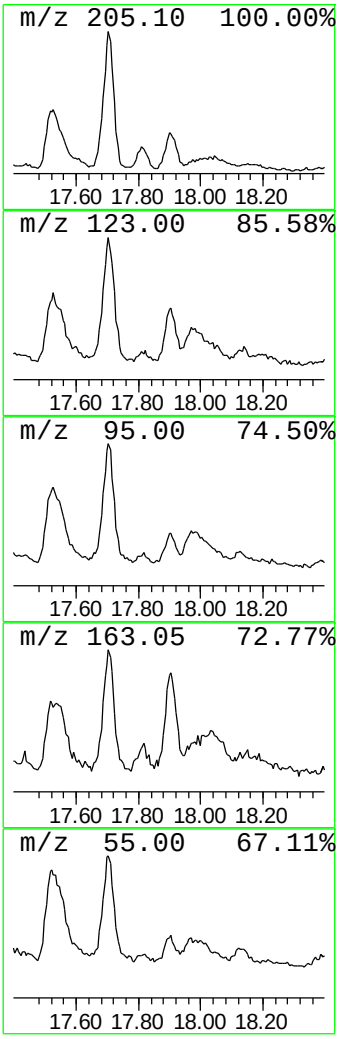
****

Peak Number 19 2,3,3-Trimethyl-2-(3-methyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	6.82 ng	270078	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	64
2	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	64
3	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	38
4	2-Butenal, 2-methyl-4-(2,6,6-tri...	206	C14H22O	003155-71-3	35
5	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113214.D
Acq On : 21 Mar 2019 17:55
Operator : JU/SJ
Sample : K2004-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(14-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

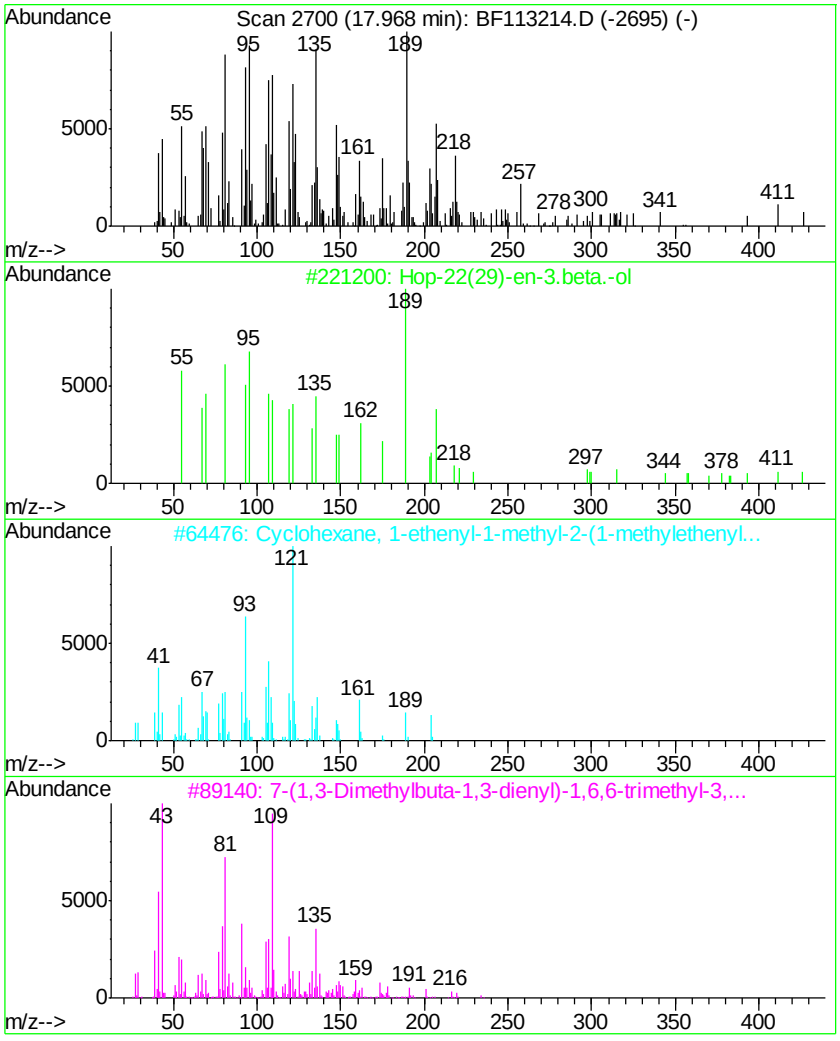
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

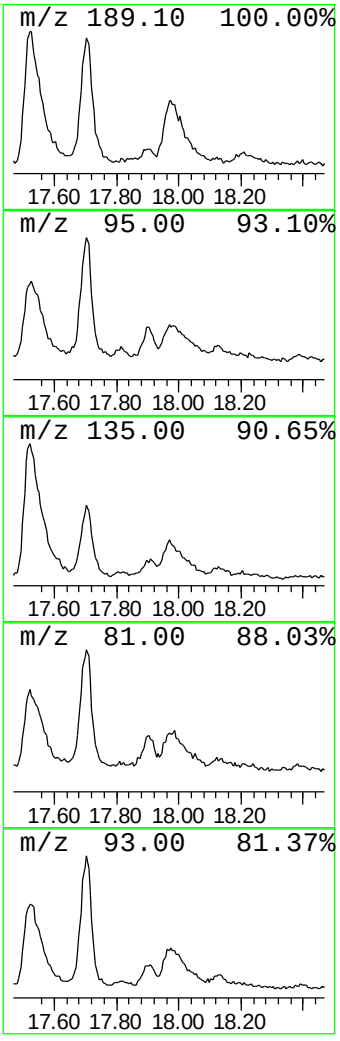
****

Peak Number 20 Hop-22(29)-en-3.beta.-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	22.20 ng	879028	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	78
2	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	45
3	7-(1,3-Dimethylbuta-1,3-dienyl)-...	234	C15H22O2	1000190-22-7	44
4	1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	44
5	Humulane-1,6-dien-3-ol	222	C15H26O	1000140-23-1	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113214.D
Acq On : 21 Mar 2019 17:55
Operator : JU/SJ
Sample : K2004-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20(14-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	85.9	ng	4268690	1	6.72	993788	20.0
Phenol, 3-ethyl-	7.79	7.4	ng	484970	2	8.00	1303570	20.0
Vanillin	9.22	5.2	ng	332704	3	9.76	1270150	20.0
n-Hexadecanoic acid	11.78	14.9	ng	860206	4	11.23	1152460	20.0
unknown11.98	11.98	11.6	ng	670124	4	11.23	1152460	20.0
18-Norabietane	12.09	9.3	ng	537662	4	11.23	1152460	20.0
4b,8-Dimethyl-2-i...	12.18	11.2	ng	646317	4	11.23	1152460	20.0
10,18-Bisnorabiet...	12.49	35.0	ng	2016660	4	11.23	1152460	20.0
Retene	12.96	13.1	ng	1198050	5	13.87	1830010	20.0
unknown13.40	13.40	6.0	ng	548307	5	13.87	1830010	20.0
Cetene	13.75	5.3	ng	489333	5	13.87	1830010	20.0
5-Eicosene, (E)-	14.38	6.4	ng	586258	5	13.87	1830010	20.0
Tridecane, 1-iodo-	14.96	7.9	ng	313815	6	15.28	792060	20.0
unknown16.51	16.51	12.7	ng	503069	6	15.28	792060	20.0
D-Friedoolean-14-...	17.26	56.8	ng	2248350	6	15.28	792060	20.0
1,4-Dimethyl-8-is...	17.52	74.5	ng	2948520	6	15.28	792060	20.0
Lup-20(29)-en-3-one	17.70	46.7	ng	1847790	6	15.28	792060	20.0
2,3,3-Trimethyl-2...	17.90	6.8	ng	270078	6	15.28	792060	20.0
Hop-22(29)-en-3.b...	17.97	22.2	ng	879028	6	15.28	792060	20.0