LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110327.D
Acq On : 31 Oct 2018 12:45
Operator : JU/SJ
Sample : J5377-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200036

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.310	33	38	53	rVB	333064	493614	19.56%	1.284%
2	5.216	527	532	544	rVB	76418	103911	4.12%	0.270%
3	5.598	592	597	613	rVB	2080872	2139532	84.78%	5.566%
4	6.598	762	767	777	rBV2	2047803	2341775	92.80%	6.093%
5	6.745	787	792	795	rBV	2445170	2291155	90.79%	5.961%
6	6.969	827	830	834	rBV	597683	497797	19.73%	1.295%
7	7.128	853	857	860	rBV	2058212	1801306	71.38%	4.686%
8	7.151	860	861	864	rVB	221801	107282	4.25%	0.279%
9	7.228	871	874	881	rVB	106862	90000	3.57%	0.234%
10	7.533	922	926	936	rBV	1395936	1448518	57.40%	3.769%
11	7.922	989	992	998	rVB	50053	41423	1.64%	0.108%
12	7.986	998	1003	1009	rBV	69671	61647	2.44%	0.160%
13	8.092	1017	1021	1024	rBV	201544	167828	6.65%	0.437%
14	8.257	1045	1049	1050	rBV	673383	618691	24.52%	1.610%
15	8.275	1050	1052	1059	rVV	597323	554028	21.95%	1.441%
16	8.327	1059	1061	1066	rVB	32023	29610	1.17%	0.077%
17	8.845	1146	1149	1156	rVB	49736	52735	2.09%	0.137%
18	8.969	1166	1170	1176	rBV	945026	786613	31.17%	2.047%
19	9.022	1176	1179	1182	rVV	35064	34867	1.38%	0.091%
20	9.069	1182	1187	1196	rVB	505135	440777	17.47%	1.147%
21	9.327	1226	1231	1236	rBV	2667560	2523559	100.00%	6.566%
22	9.427	1245	1248	1253	rBV	268944	253466	10.04%	0.659%
23	9.527	1262	1265	1272	rVB	98830	97397	3.86%	0.253%
24	9.598	1272	1277	1282	rBV	120785	167087	6.62%	0.435%
25	9.669	1285	1289	1292	rVV	163096	174229	6.90%	0.453%
26	9.698	1292	1294	1295	rVV	106692	86604	3.43%	0.225%
27	9.716	1295	1297	1303	rVV	300347	278374	11.03%	0.724%
28	9.786	1303	1309	1318	rVB	66560	84189	3.34%	0.219%
29	9.874	1321	1324	1327	rVB	42649	37581	1.49%	0.098%
30	9.992	1341	1344	1345	rBV	95272	75141	2.98%	0.195%
31	10.016	1345	1348	1351	rVV2	839170	747638	29.63%	1.945%
32	10.051	1351	1354	1357	rVV	1530573	1218890	48.30%	3.171%
33	10.086	1357	1360	1362	rVV	40705	39469	1.56%	0.103%
34	10.110	1362	1364	1369	rVB	24174	33105	1.31%	0.086%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5377-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200036

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.169	1369	1374	1378	rBV2	47212	57441	2.28%	0.149%
36	10.221	1378	1383	1387	rVV	848224	736315	29.18%	1.916%
37	10.251	1387	1388	1392	rVB2	34738	30893	1.22%	0.080%
38	10.421	1412	1417	1423	rBV3	41734	60302	2.39%	0.157%
39	10.569	1437	1442	1445	rBV	985908	859672	34.07%	2.237%
40	10.616	1447	1450	1451	rVV	40285	39363	1.56%	0.102%
41	10.633	1451	1453	1454	rVV	68942	64827	2.57%	0.169%
42	10.651	1454	1456	1459	rVV	127870	116275	4.61%	0.303%
43	10.698	1462	1464	1466	rVV	67504	65583	2.60%	0.171%
44	10.721	1466	1468	1473	rVB	127024	102602	4.07%	0.267%
45	10.810	1479	1483	1488	rBV	1696537	1627073	64.48%	4.233%
46	10.910	1496	1500	1502	rBV2	19172	28450	1.13%	0.074%
47	10.998	1512	1515	1518	rVB	52217	42360	1.68%	0.110%
48	11.116	1527	1535	1538	rBV	79657	109401	4.34%	0.285%
49	11.198	1545	1549	1551	rVB3	32357	32815	1.30%	0.085%
50	11.239	1551	1556	1558	rBV2	24413	40031	1.59%	0.104%
51	11.351	1572	1575	1582	rBV4	39060	60876	2.41%	0.158%
52	11.410	1582	1585	1592	rVB	179587	176139	6.98%	0.458%
53	11.510	1598	1602	1604	rBV	752765	747183	29.61%	1.944%
54	11.539	1604	1607	1610	rVV	2618418	2287664	90.65%	5.952%
55	11.586	1613	1615	1618	rVV	239512	194610	7.71%	0.506%
56	11.621	1618	1621	1626	rVB	36934	40607	1.61%	0.106%
57	11.710	1633	1636	1638	rBV	32920	31574	1.25%	0.082%
58	11.739	1638	1641	1645	rVV	149150	145584	5.77%	0.379%
59	12.015	1684	1688	1690	rBV	173871	169209	6.71%	0.440%
60	12.039	1690	1692	1696	rVB	186769	161116	6.38%	0.419%
61	12.086	1698	1700	1703	rVB	55649	49903	1.98%	0.130%
62	12.127	1703	1707	1710	rBV	320129	325796	12.91%	0.848%
63	12.304	1734	1737	1741	rVB	99457	87769	3.48%	0.228%
64	12.563	1778	1781	1784	rBV	34927	35212	1.40%	0.092%
65	12.604	1785	1788	1793	rVB2	27260	36189	1.43%	0.094%
66	12.733	1805	1810	1813	rBV	1447746	1253264	49.66%	3.261%
67	12.792	1818	1820	1826	rVV2	30299	31776	1.26%	0.083%
68	12.880	1832	1835	1842	rVB2	39424	53784	2.13%	0.140%
69	12.945	1842	1846	1847	rBV2	252150	271752	10.77%	0.707%
70	12.962	1847	1849	1854	rVB	945813	823380	32.63%	2.142%
71	13.004	1854	1856	1861	rVB3	38830	44560	1.77%	0.116%

LSC Area Percent Report

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Acq On : 31 Oct 2018 12:45
Operator : JU/SJ
Sample : J5377-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200036

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.098	1865	1872	1875	rBV	2455642	2180818	86.42%	5.674%
73	13.180	1881	1886	1889	rBV2	36714	62952	2.49%	0.164%
74	13.262	1896	1900	1901	rBV2	41146	44089	1.75%	0.115%
75	13.286	1901	1904	1910	rVB	135398	145165	5.75%	0.378%
76	13.357	1912	1916	1918	rBV	137313	128318	5.08%	0.334%
77	13.392	1918	1922	1924	rBV2	41278	40279	1.60%	0.105%
78	13.645	1961	1965	1967	rBV2	44498	40091	1.59%	0.104%
79	13.915	2007	2011	2013	rBV	36929	40412	1.60%	0.105%
80	13.939	2013	2015	2017	rVV	44062	37495	1.49%	0.098%
81	13.974	2017	2021	2025	rVV2	192663	228659	9.06%	0.595%
82	14.009	2025	2027	2030	rVB	39286	38119	1.51%	0.099%
83	14.109	2041	2044	2047	rBV	73708	65217	2.58%	0.170%
84	14.162	2048	2053	2056	rVV2	669248	786267	31.16%	2.046%
85	14.186	2056	2057	2062	rVB	138031	108017	4.28%	0.281%
86	14.268	2068	2071	2072	rBV	58181	47112	1.87%	0.123%
87	14.292	2072	2075	2078	rVB	125286	112494	4.46%	0.293%
88	14.545	2114	2118	2123	rBV3	34662	74966	2.97%	0.195%
89	14.598	2123	2127	2132	rVB	340944	334655	13.26%	0.871%
90	14.698	2142	2144	2150	rVB6	27317	32006	1.27%	0.083%
91	14.921	2177	2182	2186	rVB	544075	574318	22.76%	1.494%
92	14.998	2192	2195	2199	rVB	103478	105995	4.20%	0.276%
93	15.239	2232	2236	2238	rBV	69944	91942	3.64%	0.239%
94	15.274	2238	2242	2248	rVB	576630	704338	27.91%	1.832%
95	15.562	2288	2291	2296	rVB	35262	49166	1.95%	0.128%
96	15.633	2299	2303	2306	rBV2	61475	96395	3.82%	0.251%
97	15.680	2306	2311	2313	rBV	444564	646862	25.63%	1.683%
98	15.962	2355	2359	2366	rVB6	22664	43958	1.74%	0.114%
99	16.145	2384	2390	2396	rBV	247601	396367	15.71%	1.031%
100	16.680	2476	2481	2492	rVB	117134	218684	8.67%	0.569%

Sum of corrected areas: 38436344

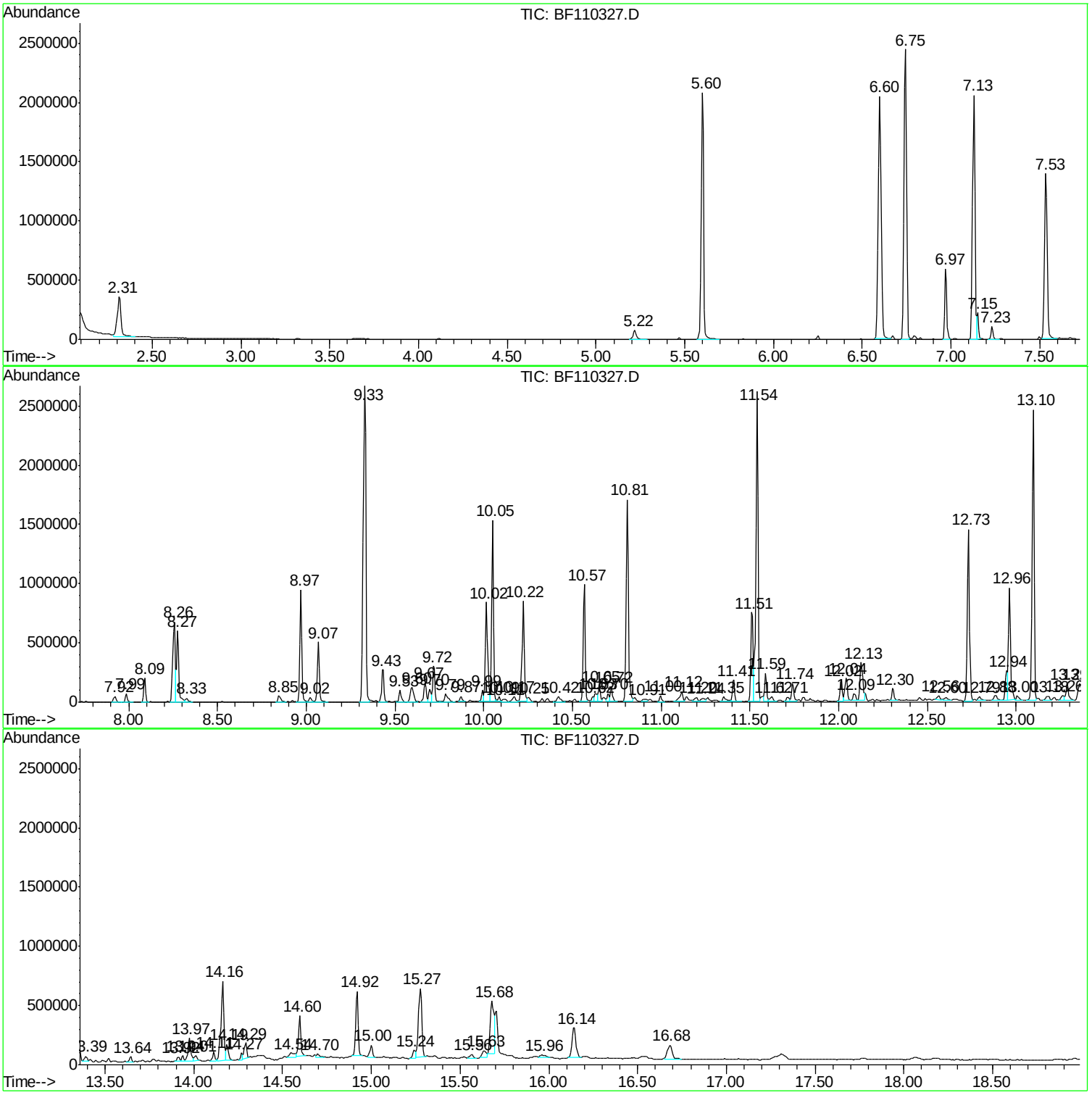
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110327.D
Acq On : 31 Oct 2018 12:45
Operator : JU/SJ
Sample : J5377-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF103118\
Data File : BF110327.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

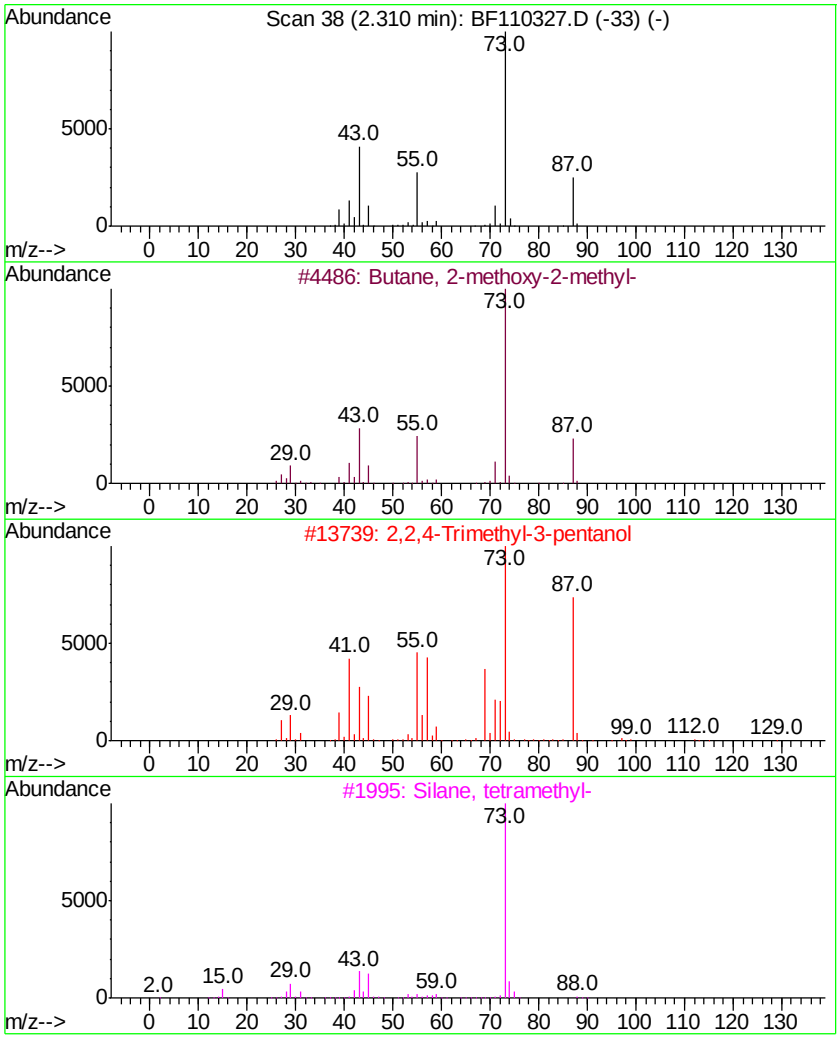
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

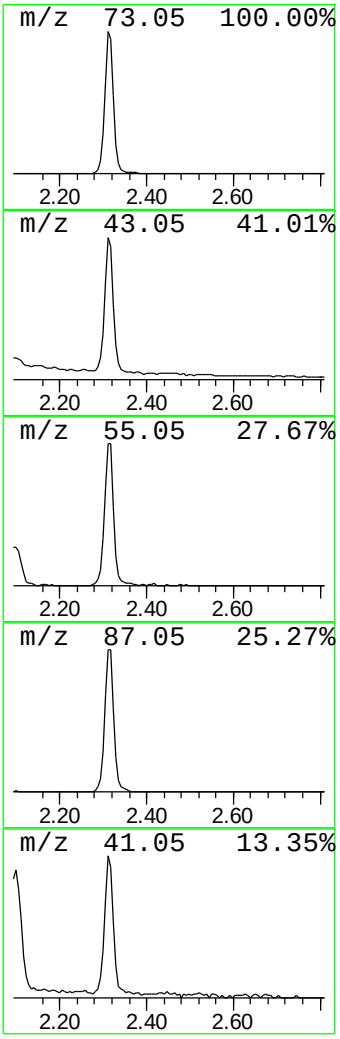
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	19.83 ng	493614	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110327.D
Acq On : 31 Oct 2018 12:45
Operator : JU/SJ
Sample : J5377-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200036

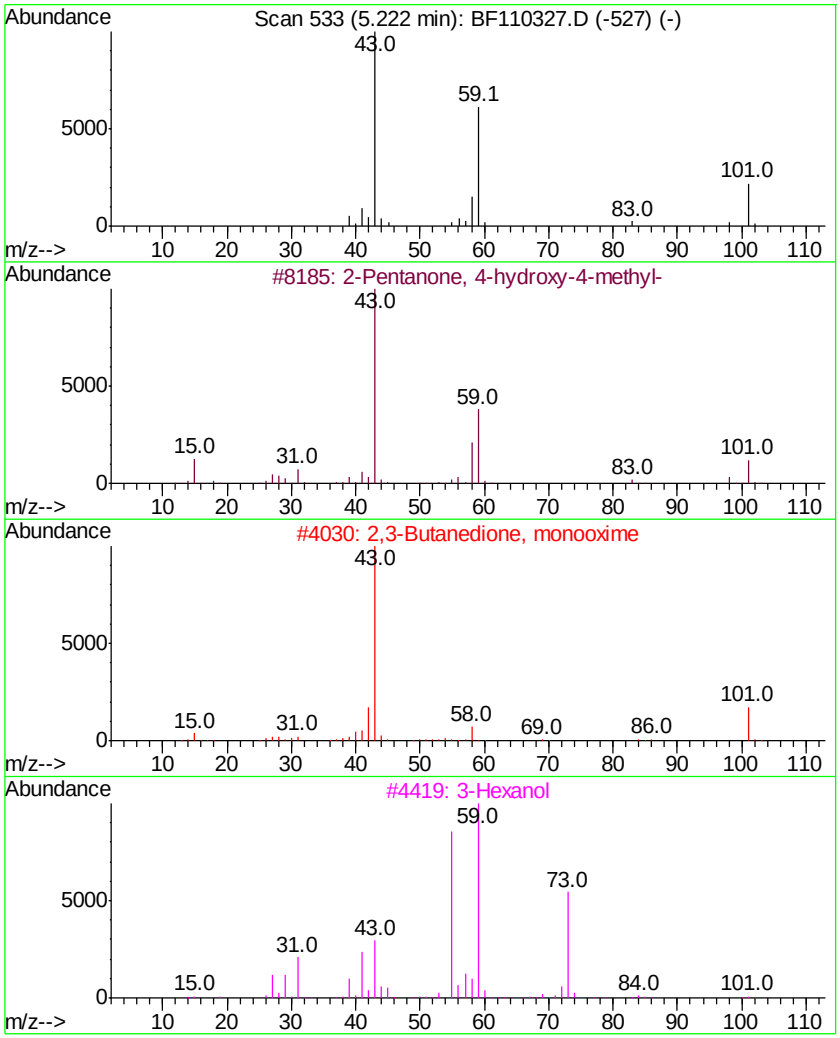
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

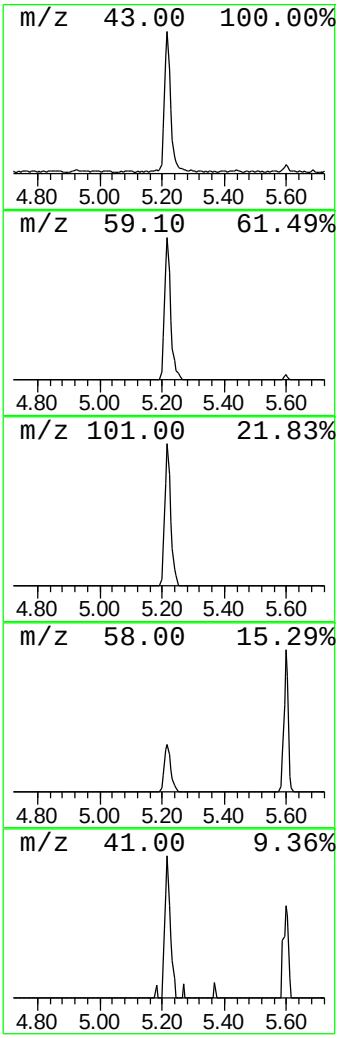
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.17 ng	103911	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
3	3-Hexanol	102	C6H14O	000623-37-0	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
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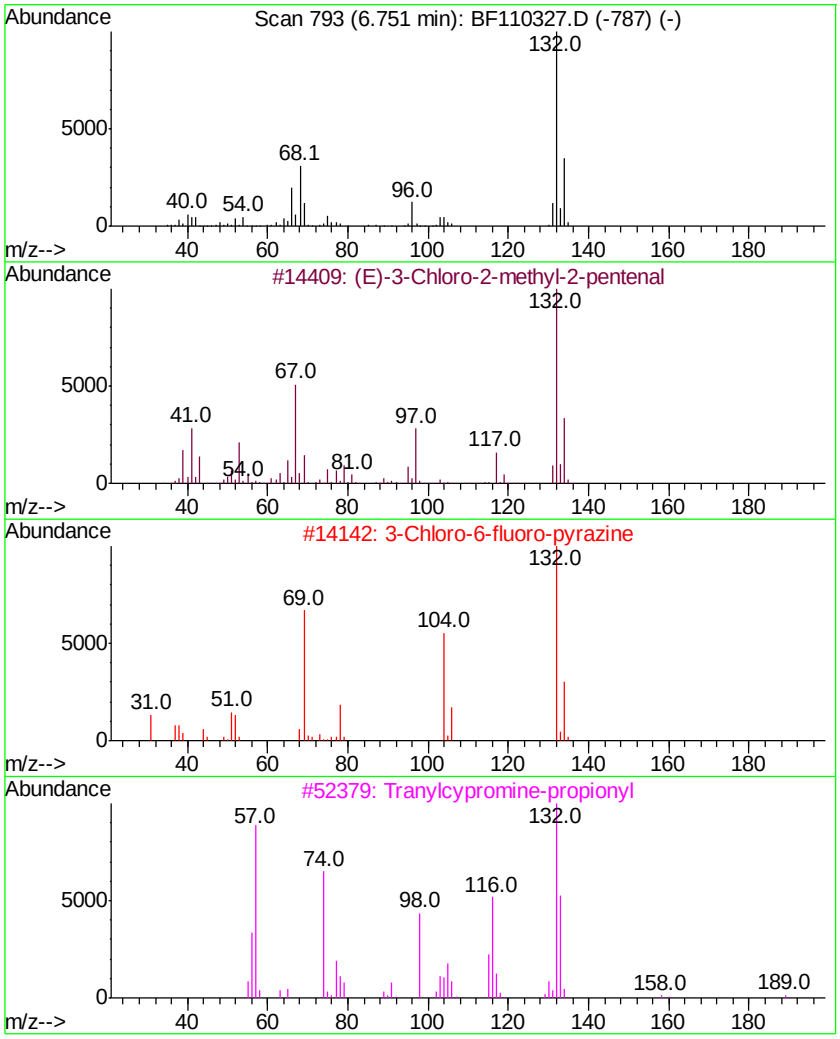
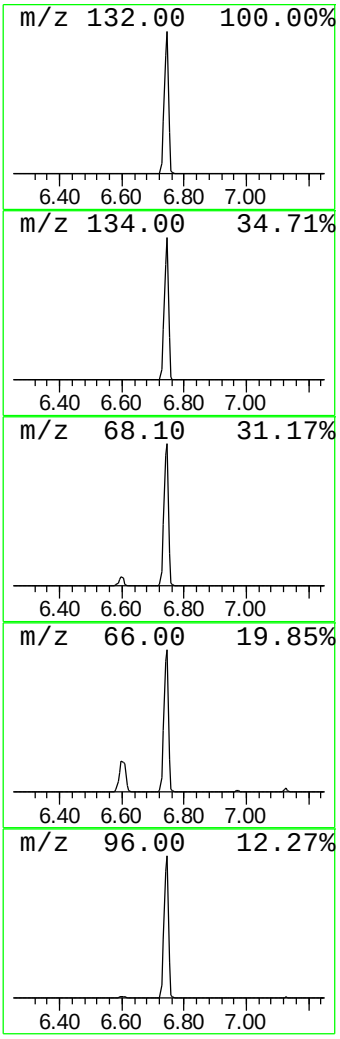
****

Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	92.05 ng	2291160	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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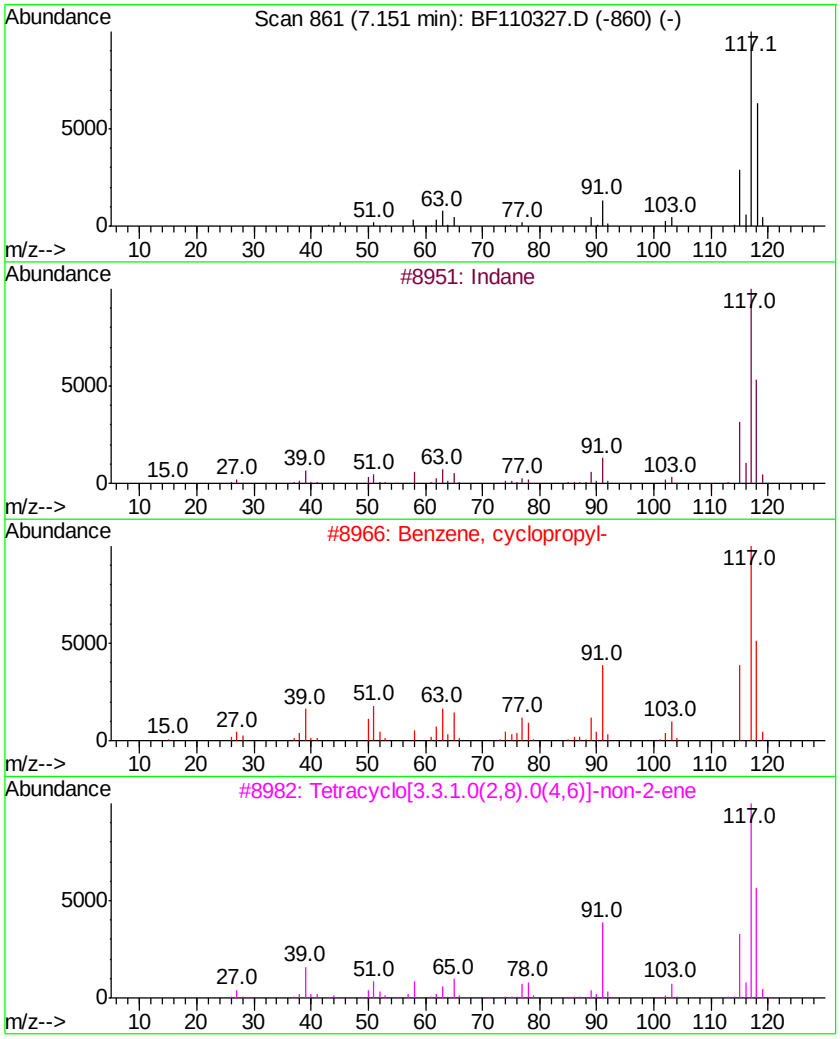
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

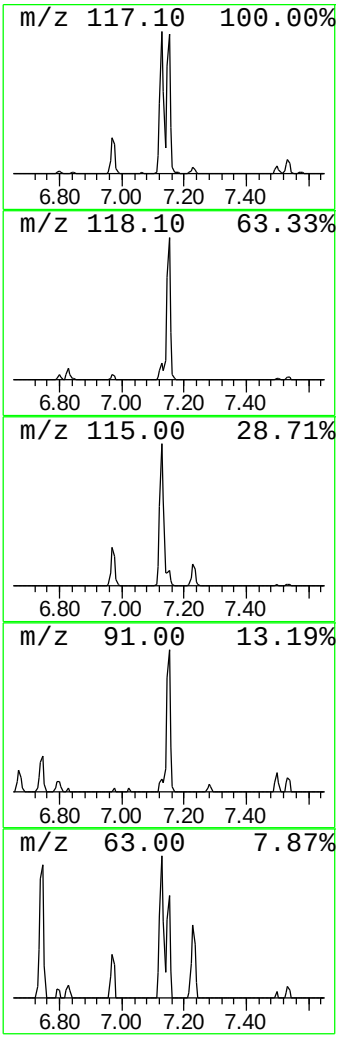
****

Peak Number 5 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	4.31 ng	107282	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	72
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	50
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110327.D
Acq On : 31 Oct 2018 12:45
Operator : JU/SJ
Sample : J5377-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

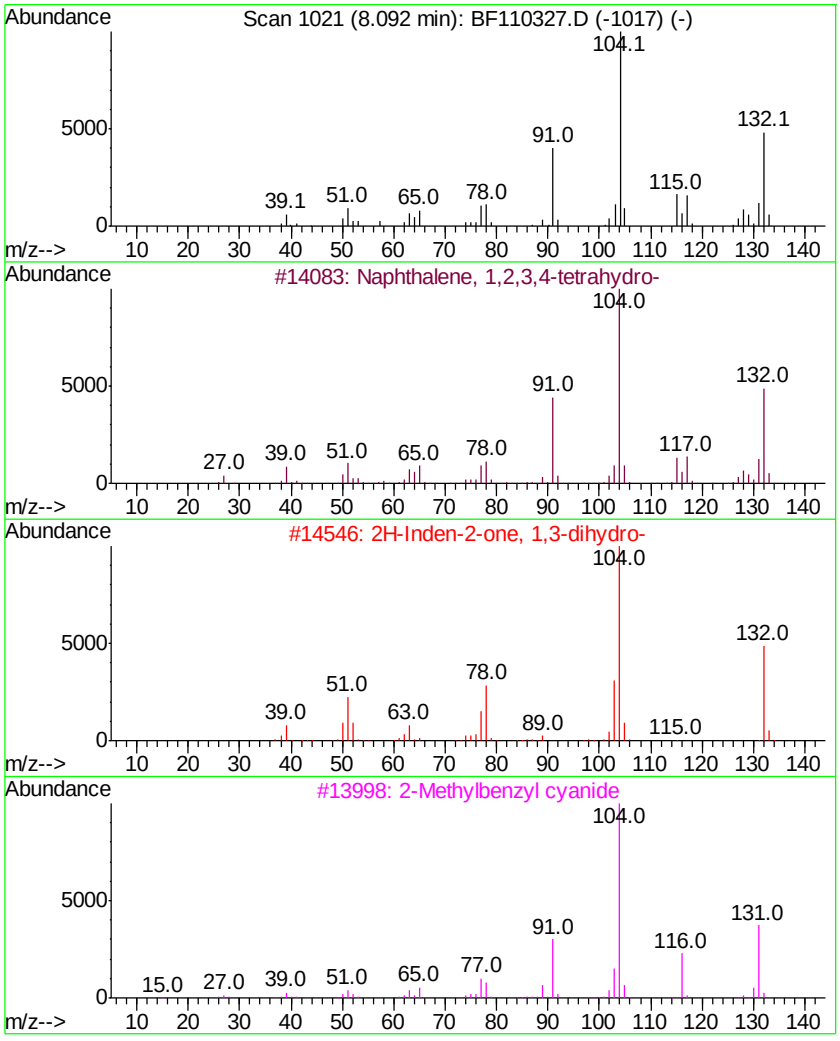
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

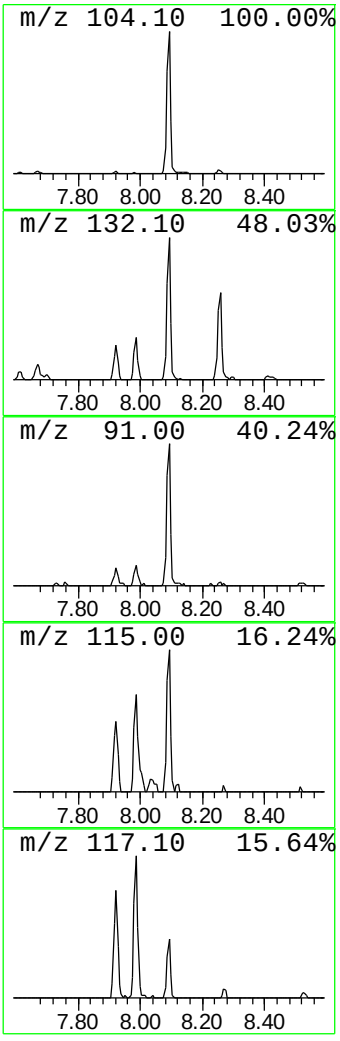
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	5.43 ng	167828	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
4	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	38
5	Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	38





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Operator : JU/SJ
Sample : J5377-01
Misc :
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Instrument : BNA_F
ClientSampleId : RBR-200036

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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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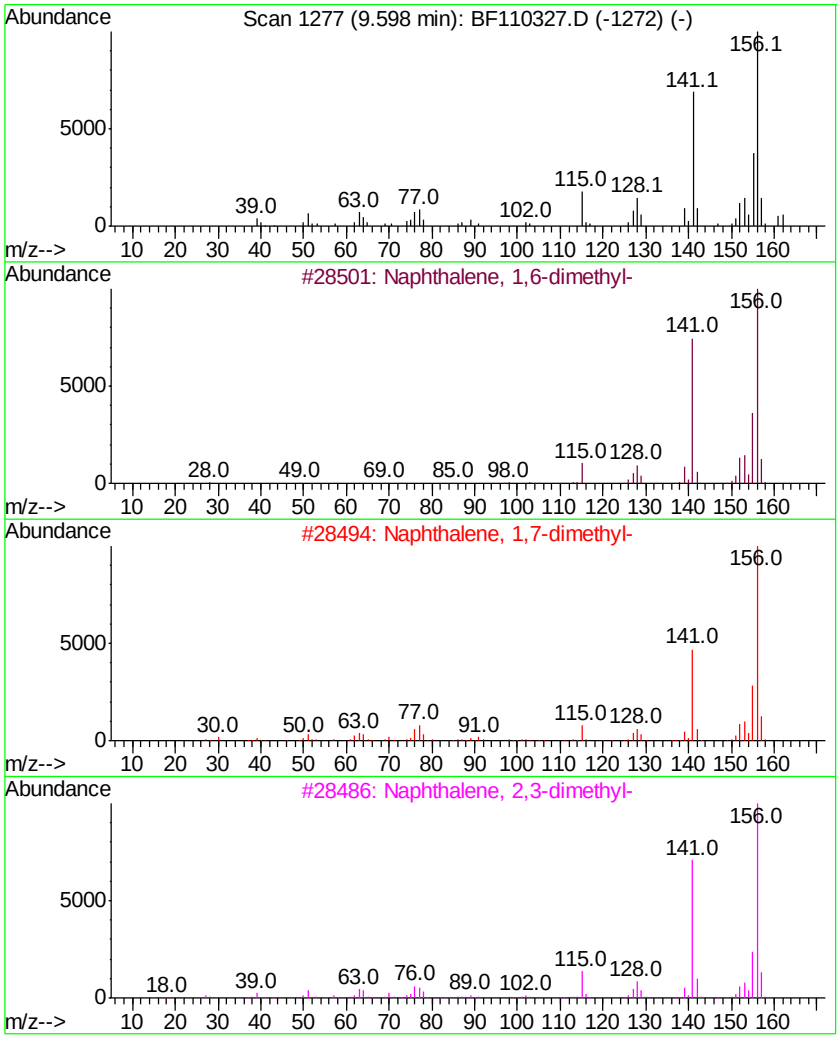
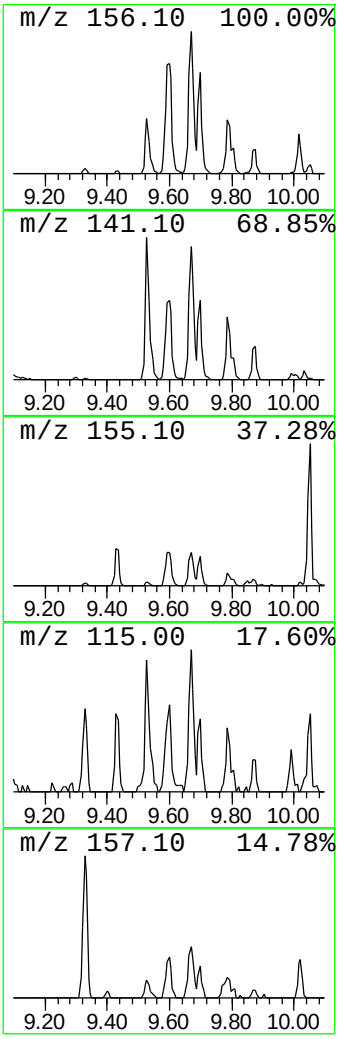
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	4.47 ng	167087	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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ClientSampleId : RBR-200036

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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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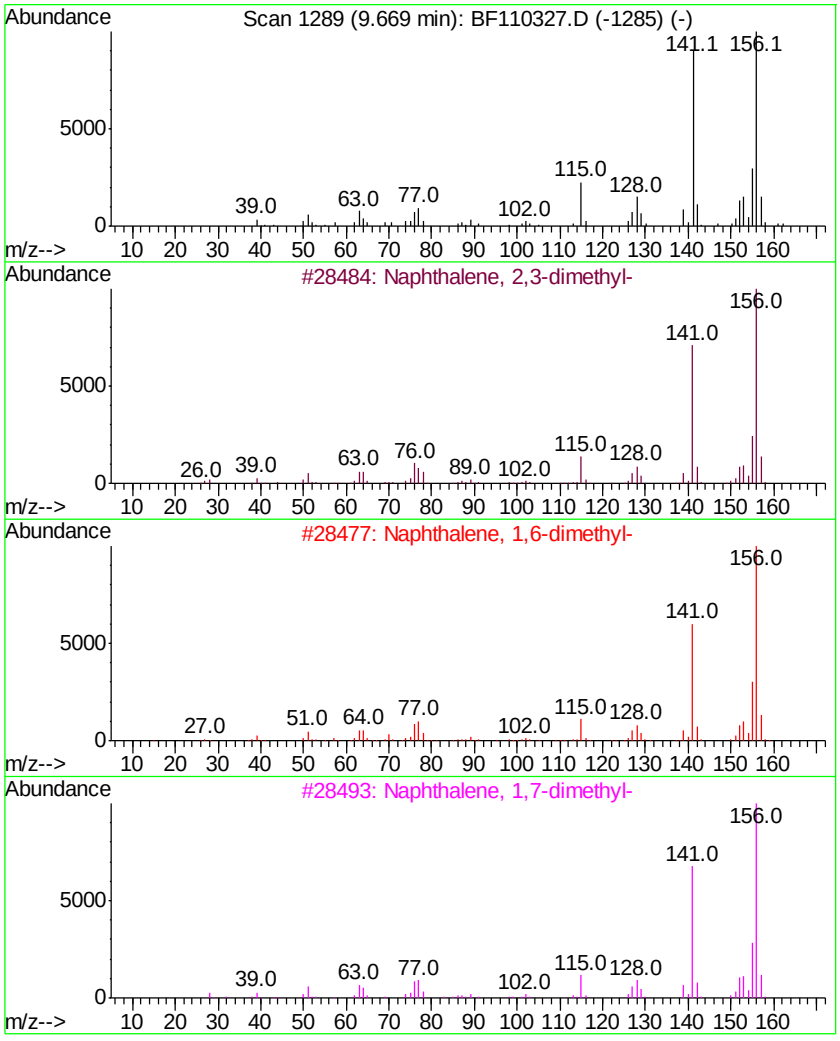
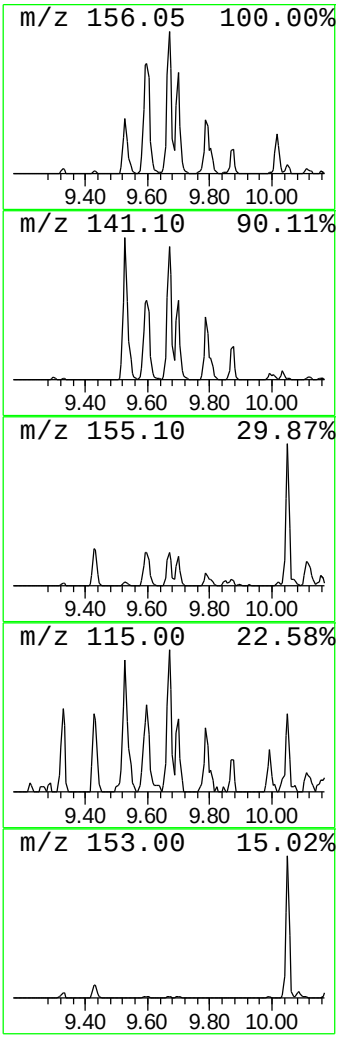
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	4.66 ng	174229	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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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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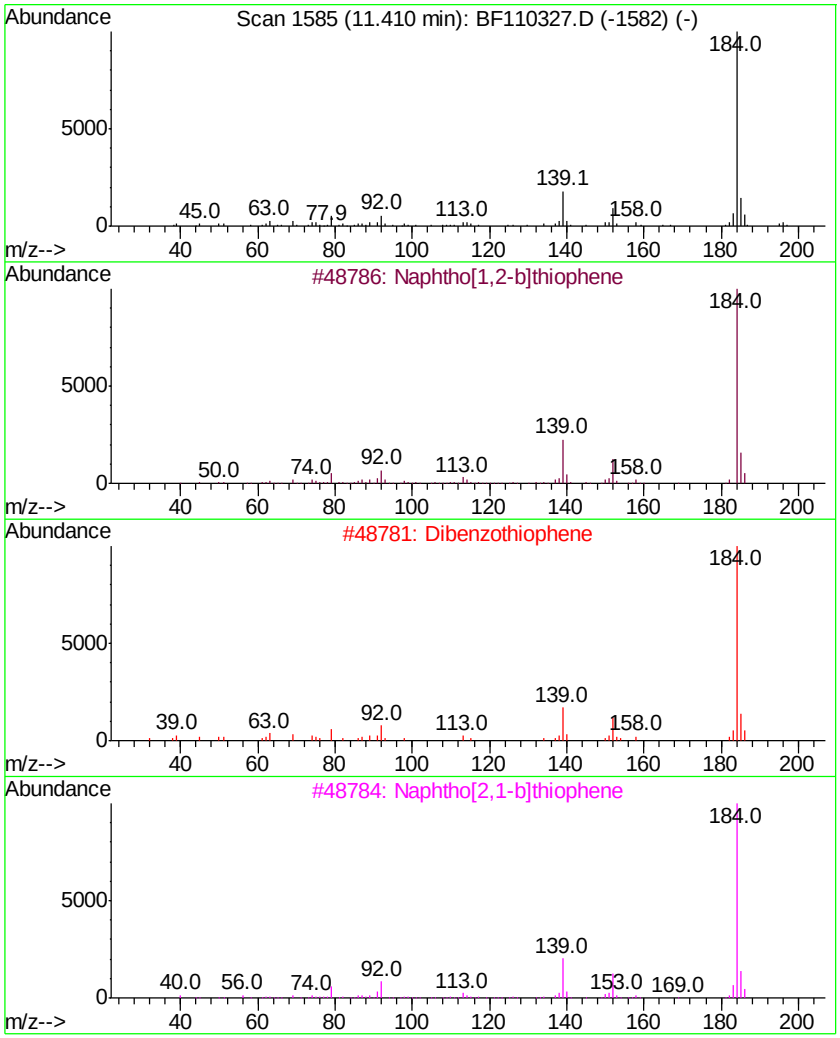
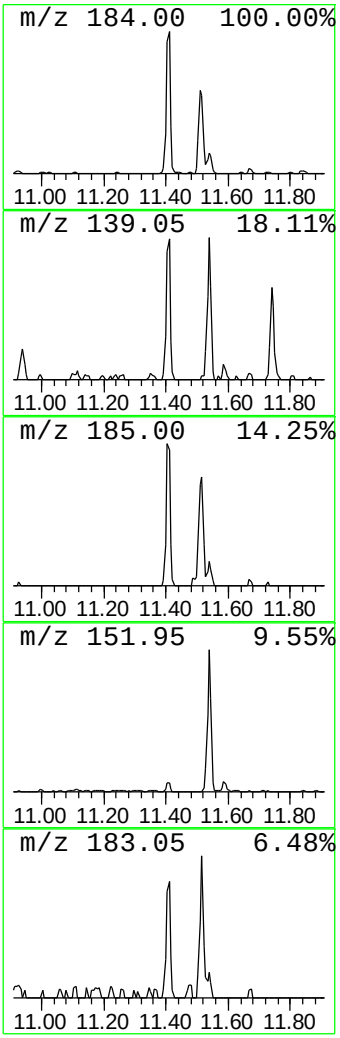
Peak Number 10 Naphtho[1,2-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	4.71 ng	176139	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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ClientSampleId : RBR-200036

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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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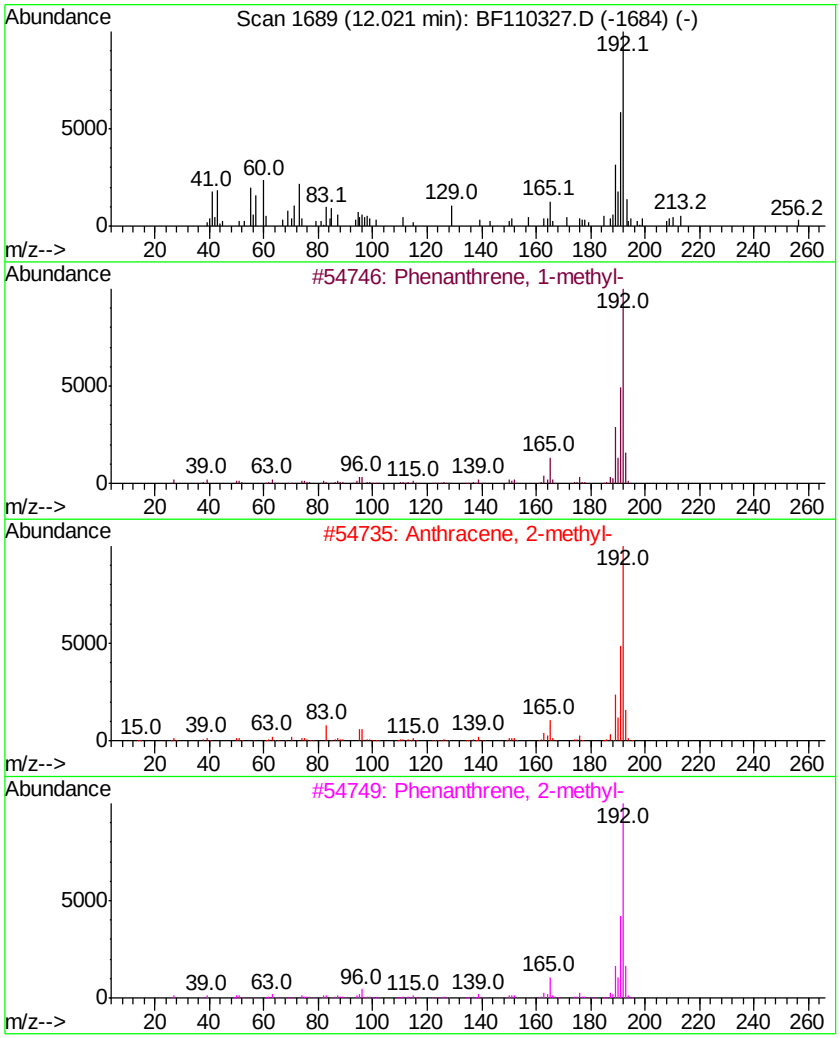
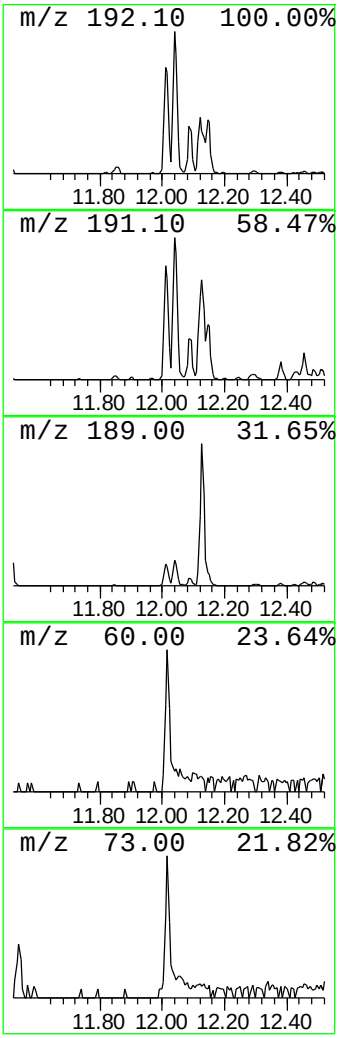
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.53 ng	169209	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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ClientSampleId : RBR-200036

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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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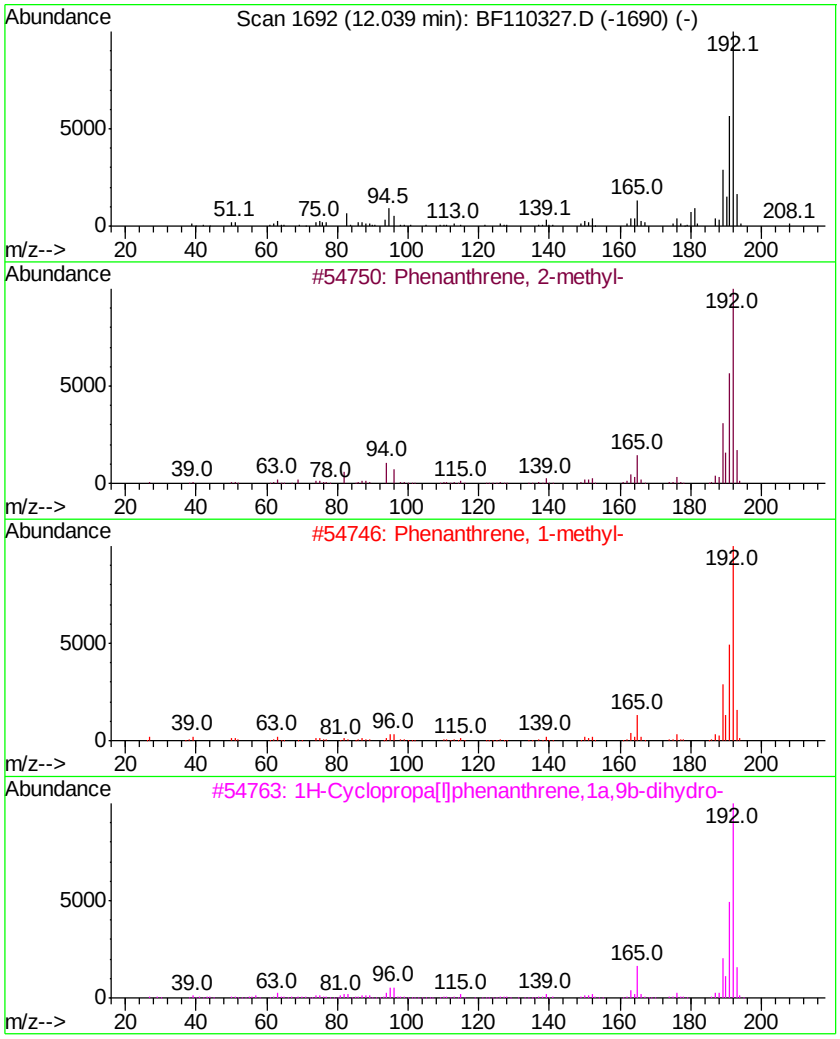
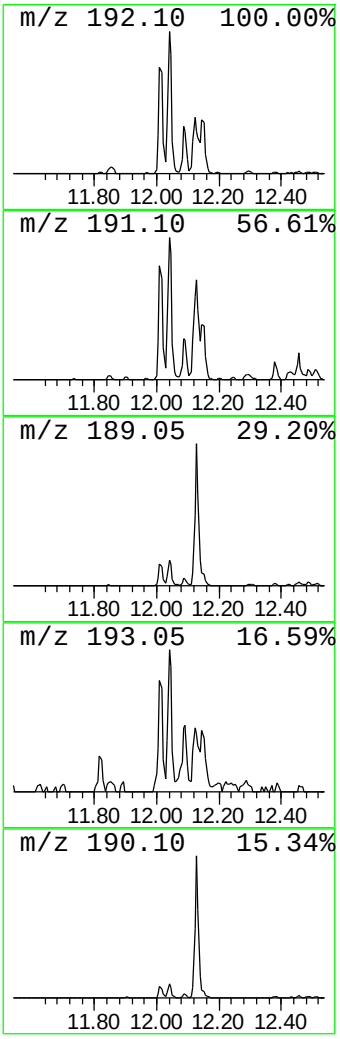
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.31 ng	161116	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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

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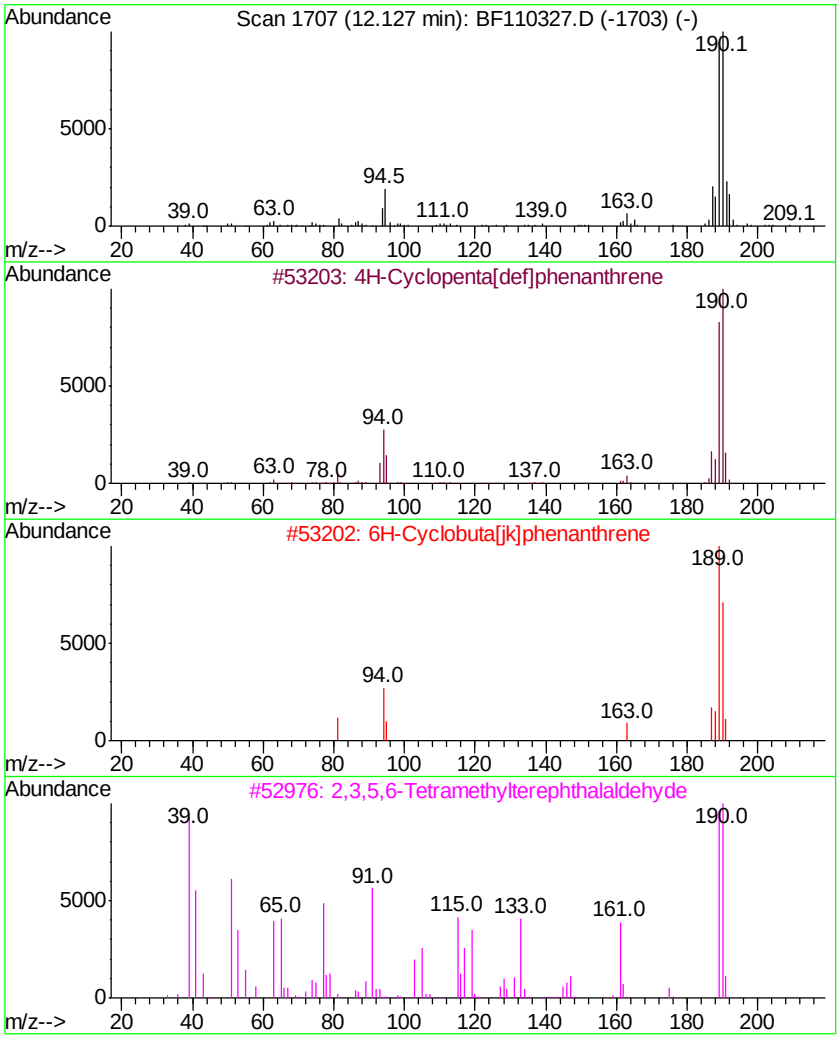
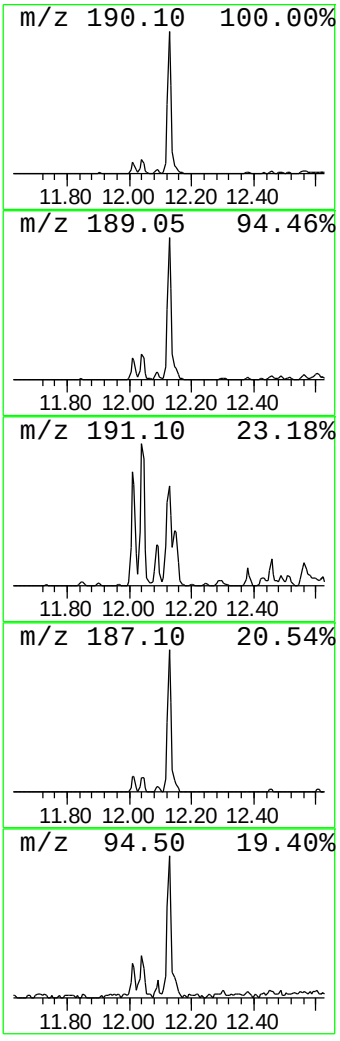
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	8.72 ng	325796	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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

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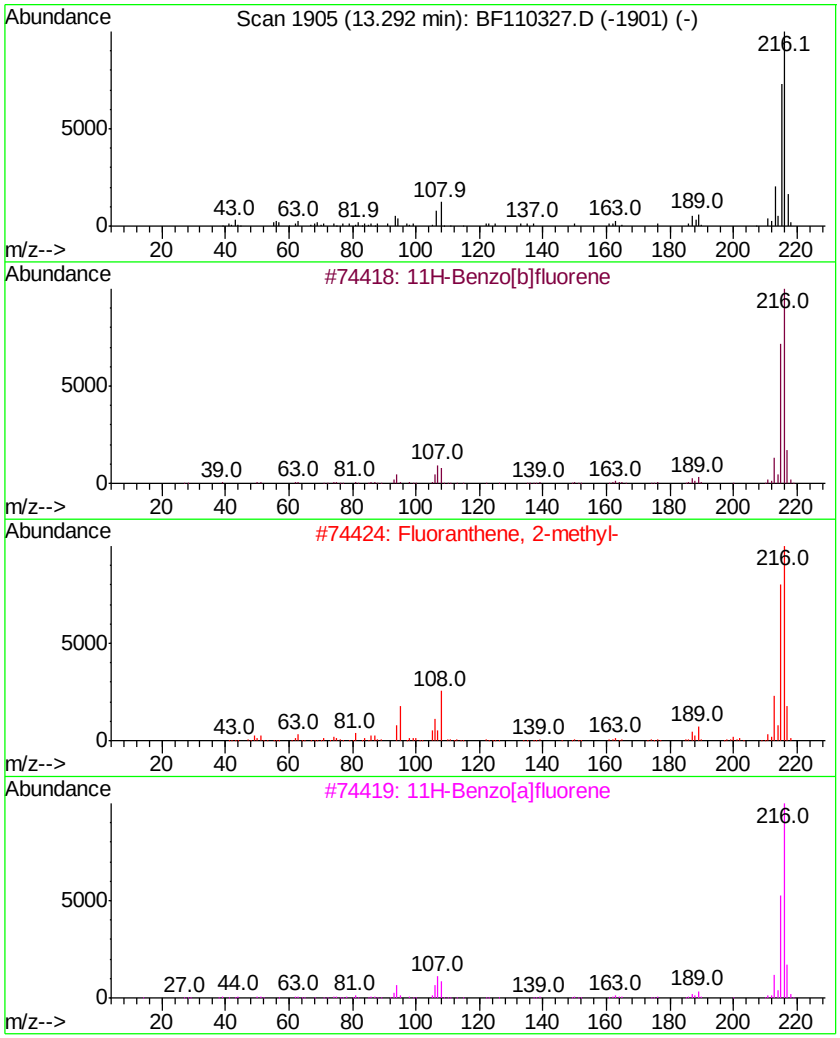
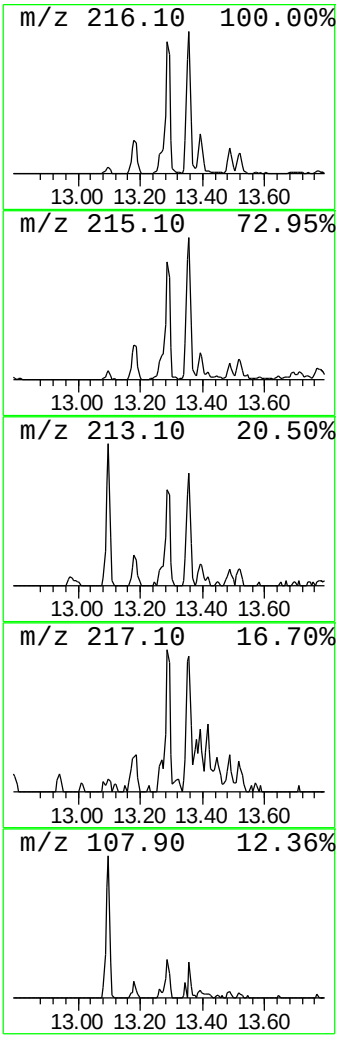
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.69 ng	145165	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





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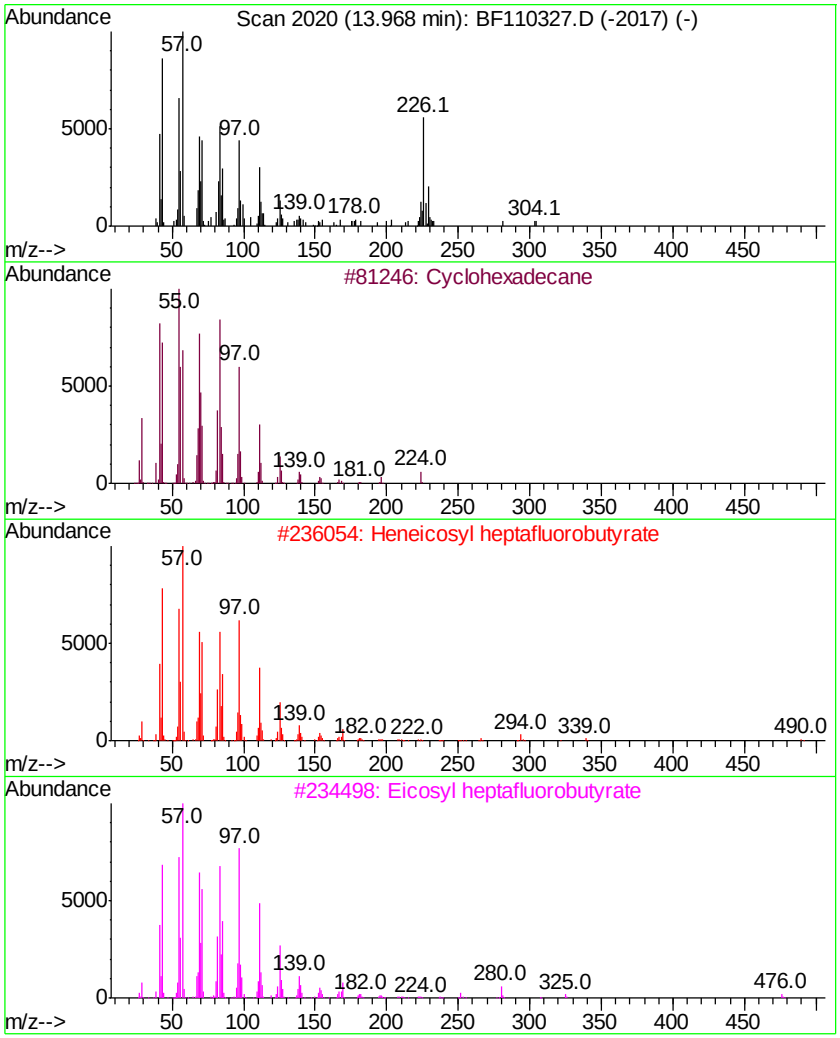
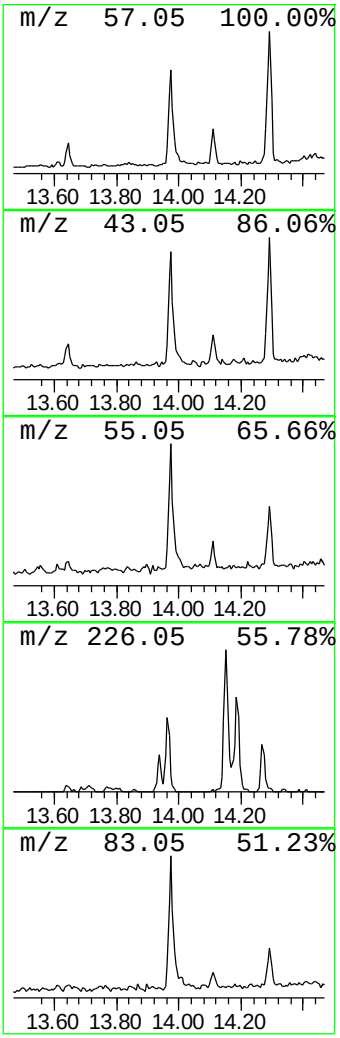
Peak Number 15 Cyclohexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	5.82 ng	228659	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	90
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	81
3	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	81
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	81
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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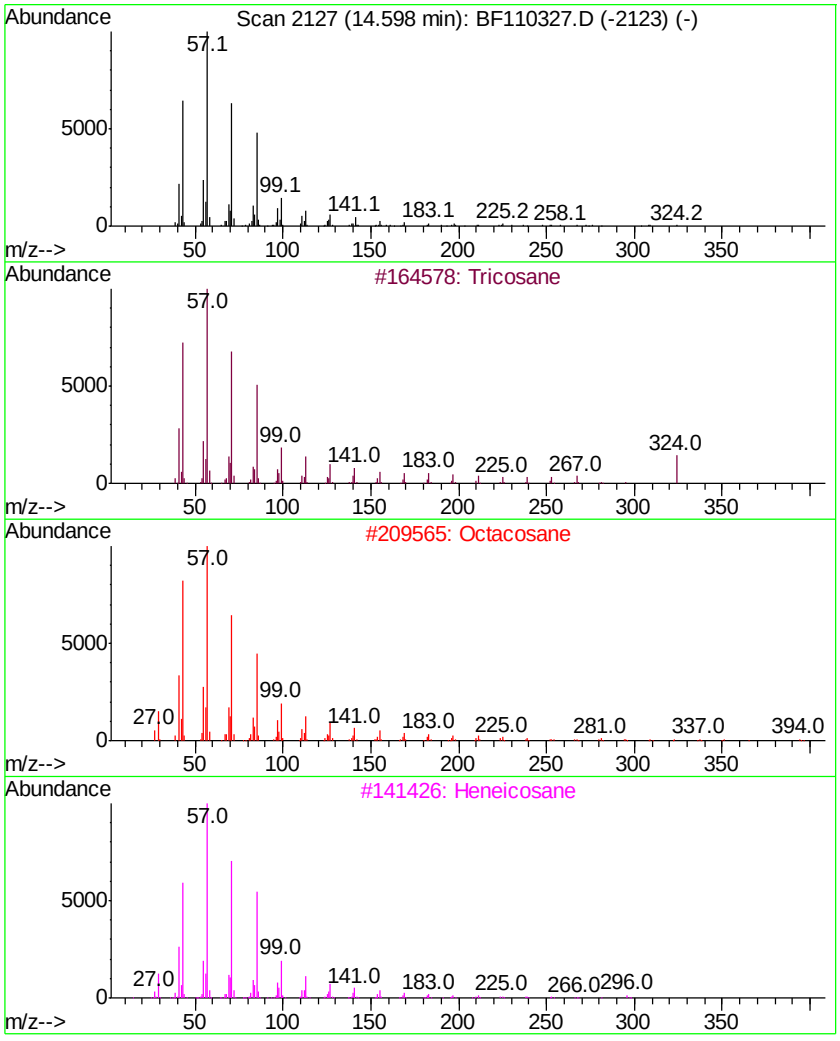
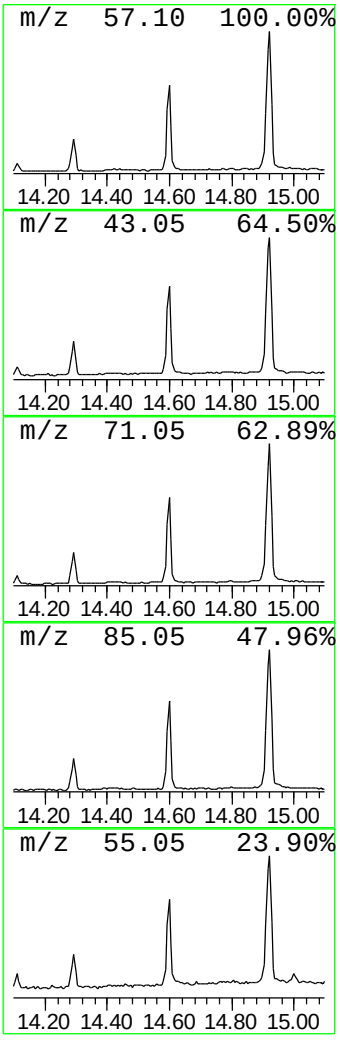
Peak Number 16 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	8.51 ng	334655	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Docosane	310	C22H46	000629-97-0	87
5	Eicosane	282	C20H42	000112-95-8	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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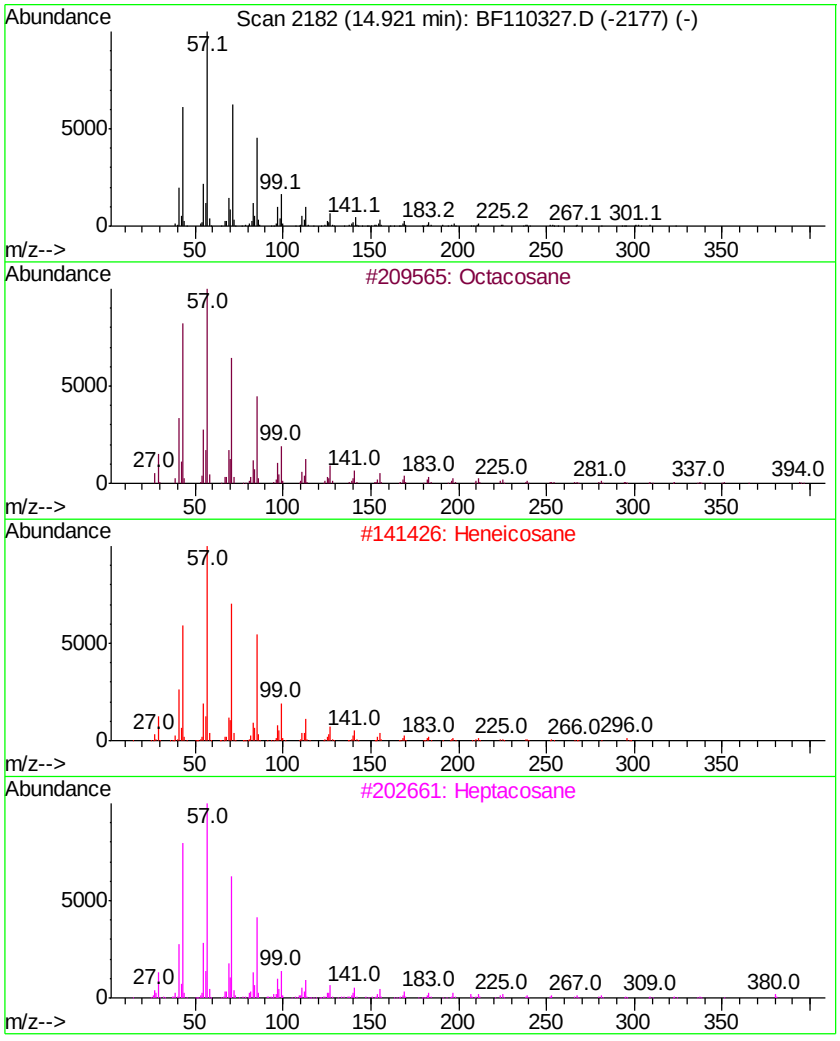
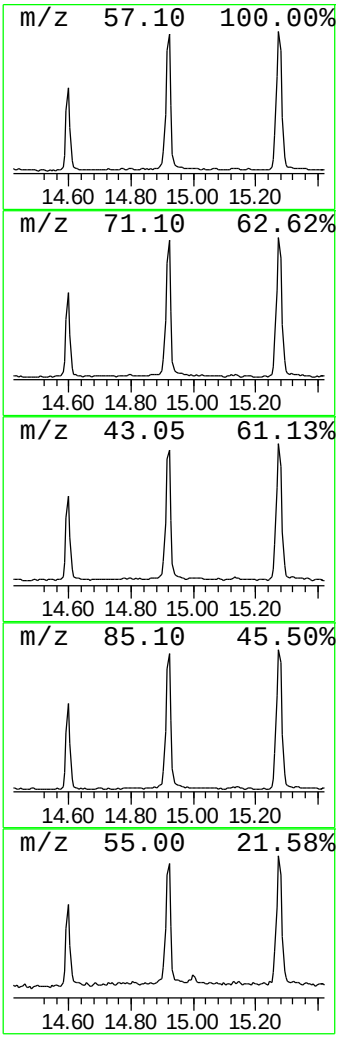
Peak Number 17 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	14.61 ng	574318	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





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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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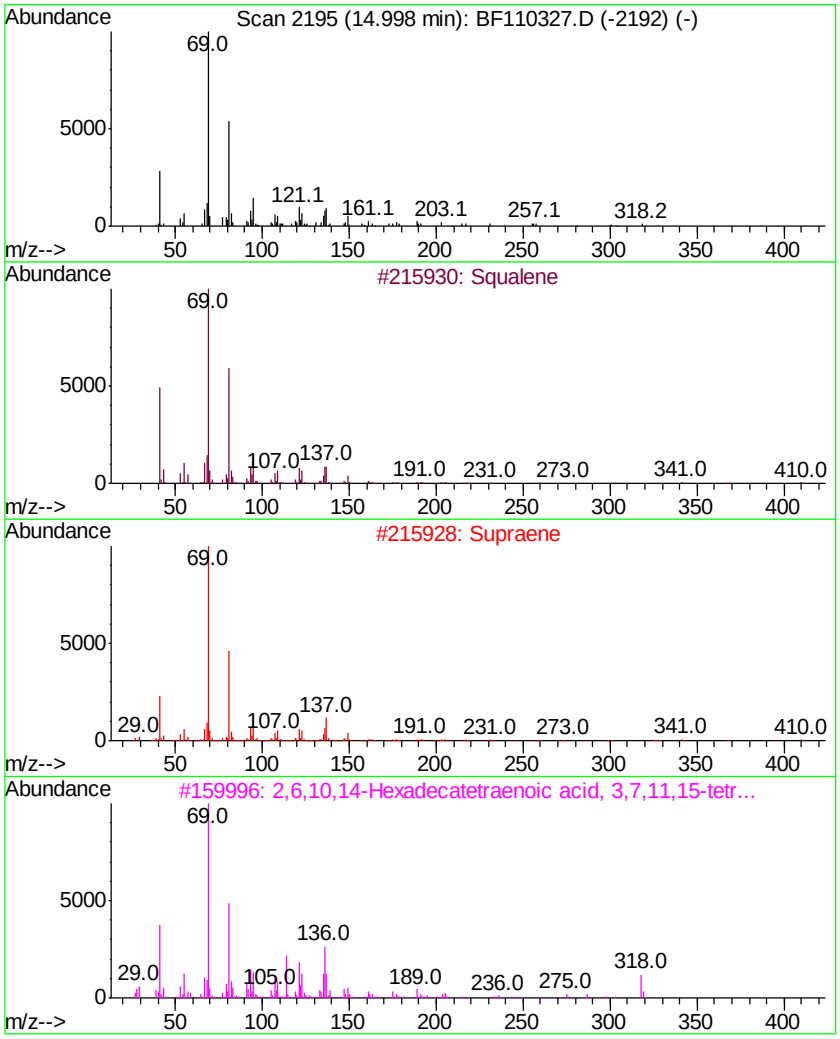
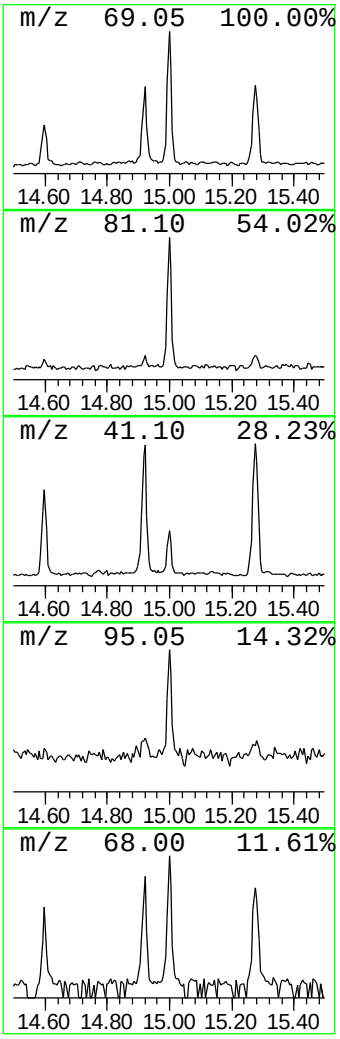
Peak Number 18 Squalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.28 ng	105995	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	87
3	2,6,10,14-Hexadecatetraenoic aci...	318	C21H34O2	042207-88-5	80
4	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	78
5	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	78





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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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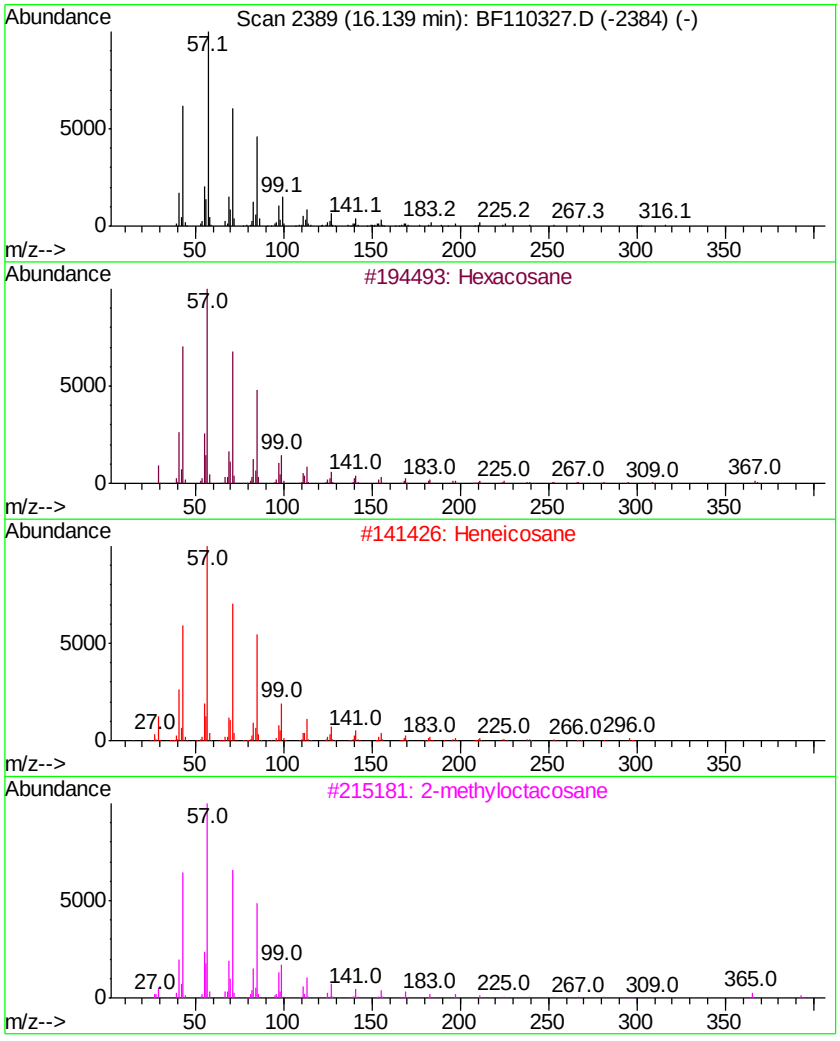
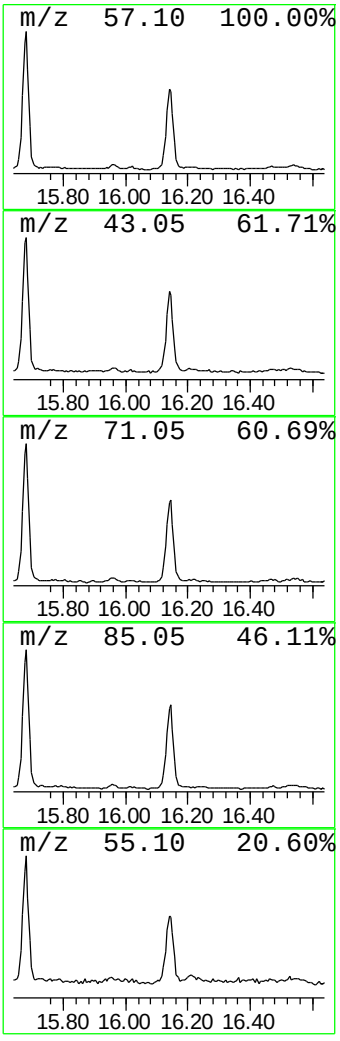
Peak Number 19 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	12.26 ng	396367	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Docosane	310	C22H46	000629-97-0	91





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Data File : BF110327.D
Acq On : 31 Oct 2018 12:45
Operator : JU/SJ
Sample : J5377-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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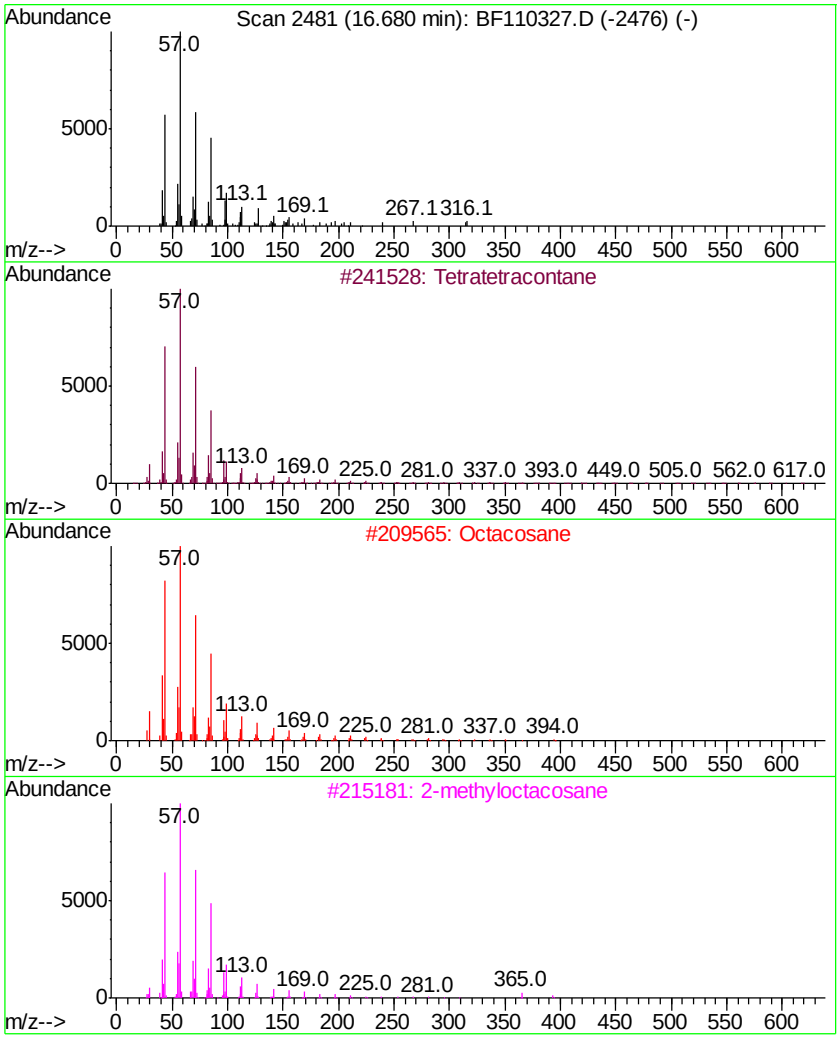
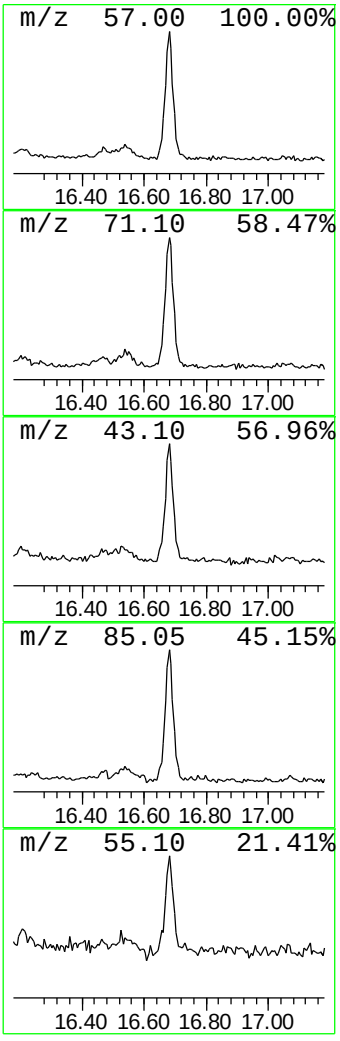
Peak Number 20 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	6.76 ng	218684	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103118\
Data File : BF110327.D
Acq On : 31 Oct 2018 12:45
Operator : JU/SJ
Sample : J5377-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Butane, 2-methoxy...	2.31	19.8	ng	493614	1	6.97	497797	20.0
2-Pentanone, 4-hy...	5.22	4.2	ng	103911	1	6.97	497797	20.0
unknown6.75	6.75	92.0	ng	2291160	1	6.97	497797	20.0
Indane	7.15	4.3	ng	107282	1	6.97	497797	20.0
Naphthalene, 1,2,...	8.09	5.4	ng	167828	2	8.26	618691	20.0
Naphthalene, 1,6-...	9.60	4.5	ng	167087	3	10.02	747638	20.0
Naphthalene, 2,3-...	9.67	4.7	ng	174229	3	10.02	747638	20.0
Naphtho[1,2-b]thi...	11.41	4.7	ng	176139	4	11.51	747183	20.0
Phenanthrene, 1-m...	12.02	4.5	ng	169209	4	11.51	747183	20.0
Phenanthrene, 2-m...	12.04	4.3	ng	161116	4	11.51	747183	20.0
4H-Cyclopenta[def...	12.13	8.7	ng	325796	4	11.51	747183	20.0
11H-Benzo[b]fluorene	13.29	3.7	ng	145165	5	14.16	786267	20.0
Cyclohexadecane	13.97	5.8	ng	228659	5	14.16	786267	20.0
Tricosane	14.60	8.5	ng	334655	5	14.16	786267	20.0
Octacosane	14.92	14.6	ng	574318	5	14.16	786267	20.0
Squalene	15.00	3.3	ng	105995	6	15.70	646862	20.0
Hexacosane	16.14	12.3	ng	396367	6	15.70	646862	20.0
Tetratetracontane	16.68	6.8	ng	218684	6	15.70	646862	20.0