LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110329.D
Acq On : 31 Oct 2018 13:39
Operator : JU/SJ
Sample : J5649-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03A

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	2.293	30	35	42	rVB	334679	451993	21.58%	1.853%
2	3.592	255	256	267	rBV	20149	47350	2.26%	0.194%
3	5.204	527	530	537	rBV	68257	87710	4.19%	0.359%
4	5.598	589	597	607	rBV	1702017	1736518	82.90%	7.118%
5	5.828	632	636	639	rBV2	27919	25242	1.20%	0.103%
6	6.598	762	767	772	rBV	1773064	1891103	90.28%	7.751%
7	6.739	787	791	795	rBV	1999062	1860014	88.79%	7.624%
8	6.792	797	800	803	rVB	69483	52764	2.52%	0.216%
9	6.969	827	830	836	rBV	661774	554351	26.46%	2.272%
10	7.022	836	839	850	rVB4	26941	31372	1.50%	0.129%
11	7.128	853	857	866	rVB	1664173	1408106	67.22%	5.771%
12	7.533	922	926	934	rBV	1265015	1186731	56.65%	4.864%
13	8.216	1040	1042	1045	rBV	33952	30082	1.44%	0.123%
14	8.257	1045	1049	1051	rVV	769123	696254	33.24%	2.854%
15	8.292	1054	1055	1060	rVB	37905	35923	1.71%	0.147%
16	8.657	1114	1117	1120	rVB	42049	28994	1.38%	0.119%
17	8.827	1143	1146	1149	rVB	48465	35716	1.70%	0.146%
18	8.969	1167	1170	1177	rBV	96709	90714	4.33%	0.372%
19	9.069	1183	1187	1194	rBV	92714	88268	4.21%	0.362%
20	9.257	1212	1219	1222	rBV	30238	37363	1.78%	0.153%
21	9.327	1227	1231	1240	rVV	2432160	2094817	100.00%	8.586%
22	9.392	1240	1242	1246	rVV	50664	41770	1.99%	0.171%
23	9.598	1272	1277	1281	rBV2	44634	60569	2.89%	0.248%
24	9.669	1286	1289	1292	rBV	73970	76113	3.63%	0.312%
25	9.698	1292	1294	1295	rVV	50856	42207	2.01%	0.173%
26	9.716	1295	1297	1304	rVB	348426	337888	16.13%	1.385%
27	9.786	1304	1309	1311	rBV	41282	44431	2.12%	0.182%
28	9.874	1321	1324	1327	rVB2	40600	34451	1.64%	0.141%
29	9.921	1329	1332	1336	rVV	52688	50585	2.41%	0.207%
30	10.016	1345	1348	1356	rVB	1003090	867804	41.43%	3.557%
31	10.221	1378	1383	1385	rBV2	43454	54935	2.62%	0.225%
32	10.251	1385	1388	1392	rVB3	32161	38973	1.86%	0.160%
33	10.327	1398	1401	1404	rBV2	38490	42994	2.05%	0.176%
34	10.357	1404	1406	1411	rVB2	30043	30558	1.46%	0.125%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5649-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03A

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	10.421	1411	1417	1422	rBV3	92455	118616	5.66%	0.486%
36	10.557	1435	1440	1443	rBV2	54087	56318	2.69%	0.231%
37	10.645	1452	1455	1457	rBV	35937	29892	1.43%	0.123%
38	10.721	1463	1468	1472	rVB2	36401	41644	1.99%	0.171%
39	10.810	1479	1483	1489	rBV	1472627	1358728	64.86%	5.569%
40	10.851	1489	1490	1496	rVV	24693	25676	1.23%	0.105%
41	10.910	1496	1500	1509	rVB2	123342	183531	8.76%	0.752%
42	11.245	1552	1557	1566	rBV2	43137	98115	4.68%	0.402%
43	11.316	1566	1569	1572	rBV	37372	39562	1.89%	0.162%
44	11.351	1572	1575	1578	rBV	64888	57766	2.76%	0.237%
45	11.510	1598	1602	1605	rBV	964217	899064	42.92%	3.685%
46	11.533	1605	1606	1610	rVB	155900	105340	5.03%	0.432%
47	11.739	1635	1641	1644	rBV4	12152	25634	1.22%	0.105%
48	11.774	1644	1647	1650	rVB	59307	53390	2.55%	0.219%
49	12.015	1684	1688	1690	rBV	99947	95420	4.56%	0.391%
50	12.039	1690	1692	1696	rVB2	71850	72856	3.48%	0.299%
51	12.121	1703	1706	1709	rBV2	54008	50427	2.41%	0.207%
52	12.151	1709	1711	1714	rVB	39731	33118	1.58%	0.136%
53	12.186	1714	1717	1720	rBV	51470	45867	2.19%	0.188%
54	12.310	1735	1738	1740	rBV	31822	30465	1.45%	0.125%
55	12.339	1740	1743	1748	rVB	29662	30239	1.44%	0.124%
56	12.568	1778	1782	1785	rBV2	70361	102399	4.89%	0.420%
57	12.651	1793	1796	1799	rBV3	31680	35692	1.70%	0.146%
58	12.727	1806	1809	1813	rVB	157575	149793	7.15%	0.614%
59	12.962	1842	1849	1855	rVV3	136586	210811	10.06%	0.864%
60	13.010	1855	1857	1861	rVB3	34024	42191	2.01%	0.173%
61	13.098	1867	1872	1875	rBV	2008156	1745303	83.32%	7.154%
62	13.174	1881	1885	1886	rBV3	26219	28870	1.38%	0.118%
63	13.262	1897	1900	1902	rBV4	24852	33233	1.59%	0.136%
64	13.304	1905	1907	1910	rVB	54216	42491	2.03%	0.174%
65	13.392	1918	1922	1925	rVB4	26825	36781	1.76%	0.151%
66	13.645	1961	1965	1969	rBV2	48819	53419	2.55%	0.219%
67	13.804	1989	1992	1996	rVB	33041	32418	1.55%	0.133%
68	13.909	2005	2010	2013	rBV4	28724	45285	2.16%	0.186%
69	13.974	2017	2021	2025	rBV2	225924	248904	11.88%	1.020%
70	14.092	2034	2041	2043	rBV7	16683	35024	1.67%	0.144%
71	14.162	2047	2053	2056	rVV	684266	712538	34.01%	2.921%

LSC Area Percent Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03A

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

72	14.186	2056	2057	2063	rVB	99579	81518	3.89%	0.334%
73	14.292	2072	2075	2078	rVB	93897	83273	3.98%	0.341%
74	14.598	2123	2127	2137	rVB2	160919	214862	10.26%	0.881%
75	14.921	2178	2182	2186	rVB	248701	258976	12.36%	1.061%
76	14.998	2192	2195	2199	rVB	76202	87165	4.16%	0.357%
77	15.239	2232	2236	2239	rBV	106614	165471	7.90%	0.678%
78	15.274	2239	2242	2247	rVB2	357931	434427	20.74%	1.781%
79	15.568	2288	2292	2296	rVB	64102	86573	4.13%	0.355%
80	15.633	2299	2303	2306	rBV	52418	73178	3.49%	0.300%
81	15.686	2306	2312	2313	rVV	339322	494697	23.62%	2.028%
82	15.703	2313	2315	2319	rVB	380562	396638	18.93%	1.626%
83	16.145	2384	2390	2398	rBV	233217	363591	17.36%	1.490%
84	16.680	2476	2481	2492	rVB	113713	221350	10.57%	0.907%
85	16.886	2514	2516	2528	rVB	19148	42134	2.01%	0.173%
86	17.286	2577	2584	2587	rBV4	38729	95743	4.57%	0.392%
87	17.427	2604	2608	2615	rVB10	18535	34724	1.66%	0.142%
88	17.615	2636	2640	2649	rVB9	29567	61972	2.96%	0.254%

Sum of corrected areas: 24397775

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
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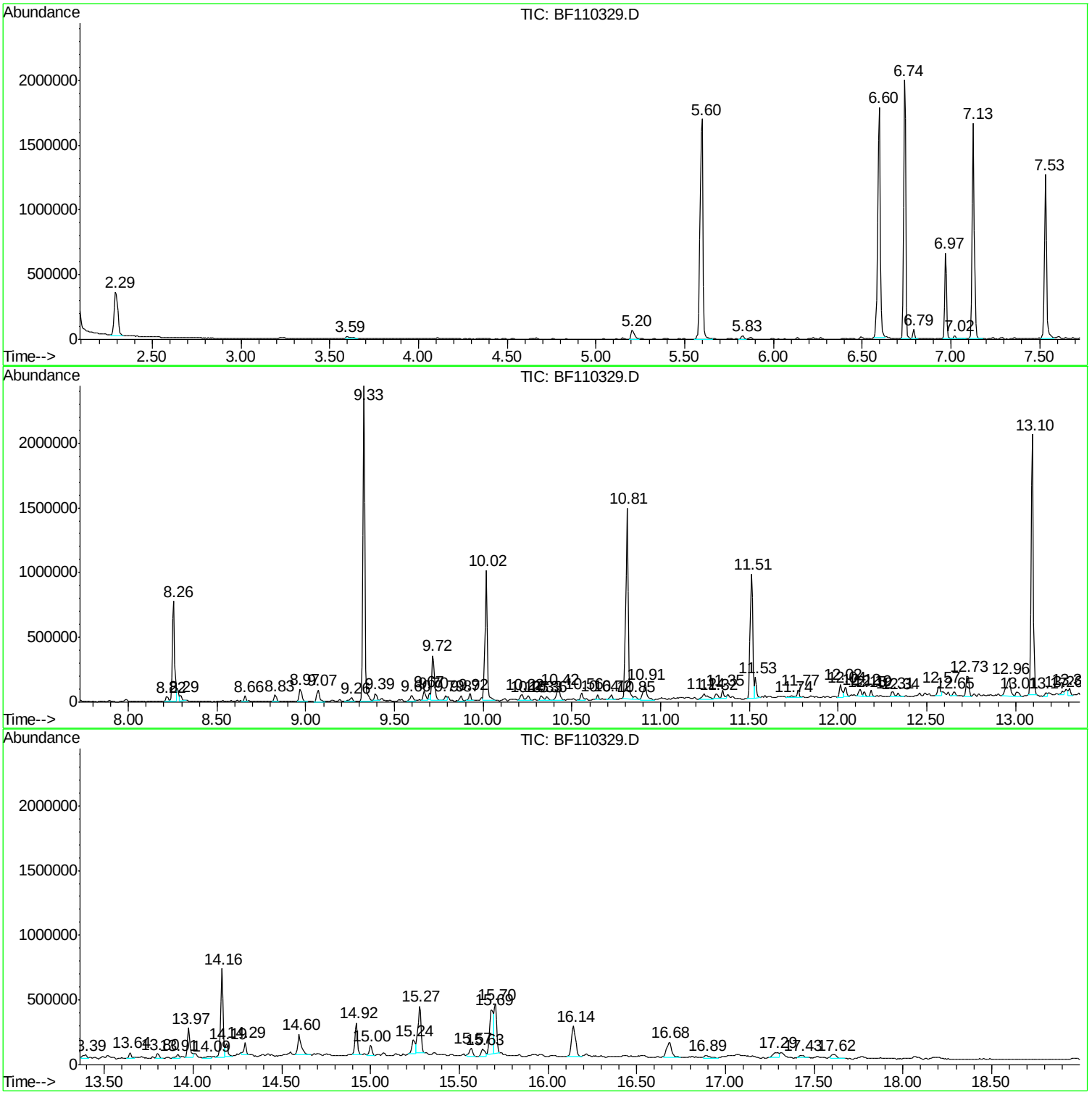
Operator : JU/SJ
Sample : J5649-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03A

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110329.D
Acq On : 31 Oct 2018 13:39
Operator : JU/SJ
Sample : J5649-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03A

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

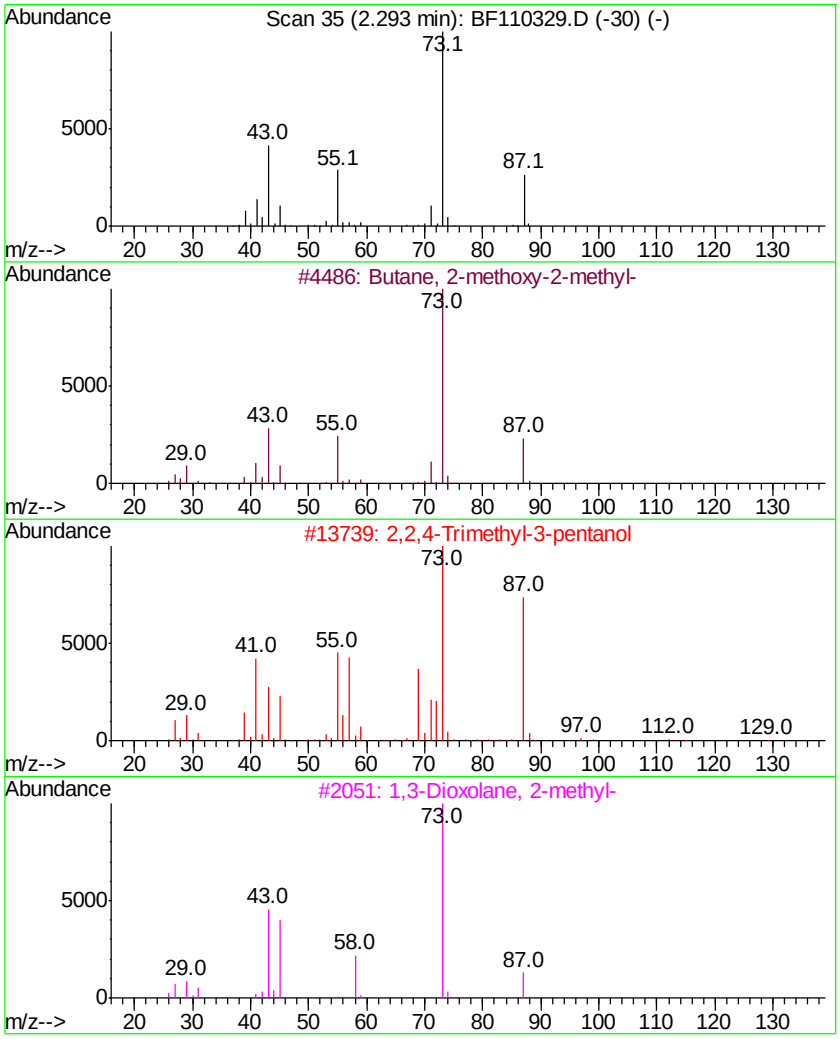
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

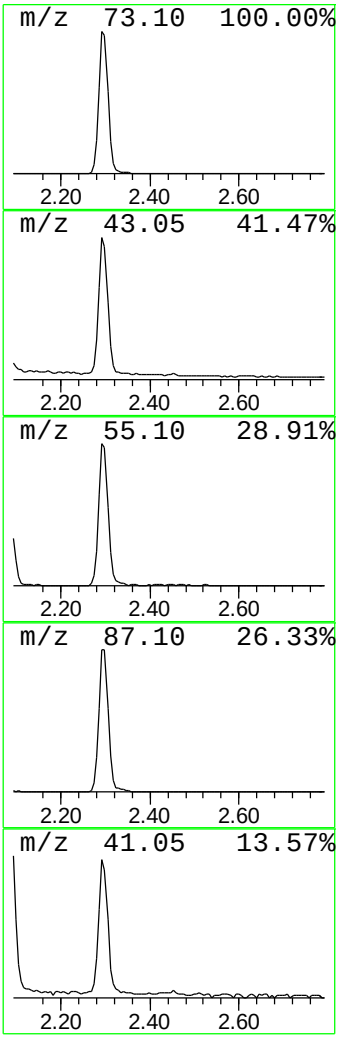
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	16.31 ng	451993	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110329.D
Acq On : 31 Oct 2018 13:39
Operator : JU/SJ
Sample : J5649-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03A

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

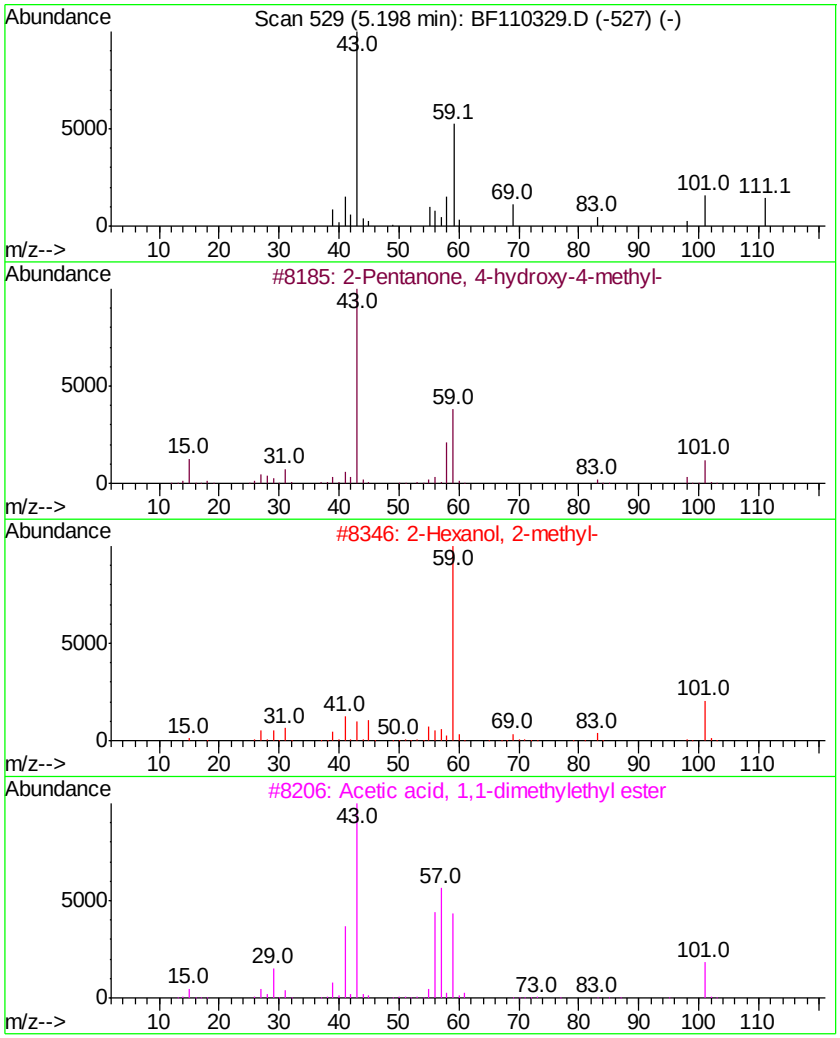
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

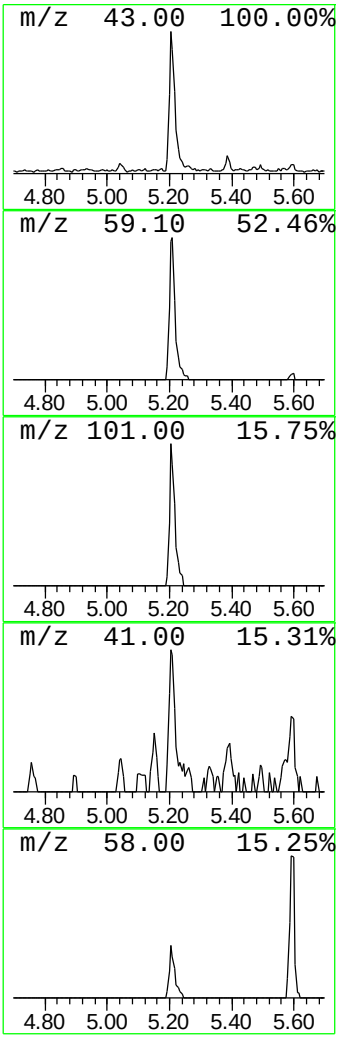
****

Peak Number 2 unknown5.20 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.16 ng	87710	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	45
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	32
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110329.D
Acq On : 31 Oct 2018 13:39
Operator : JU/SJ
Sample : J5649-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03A

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

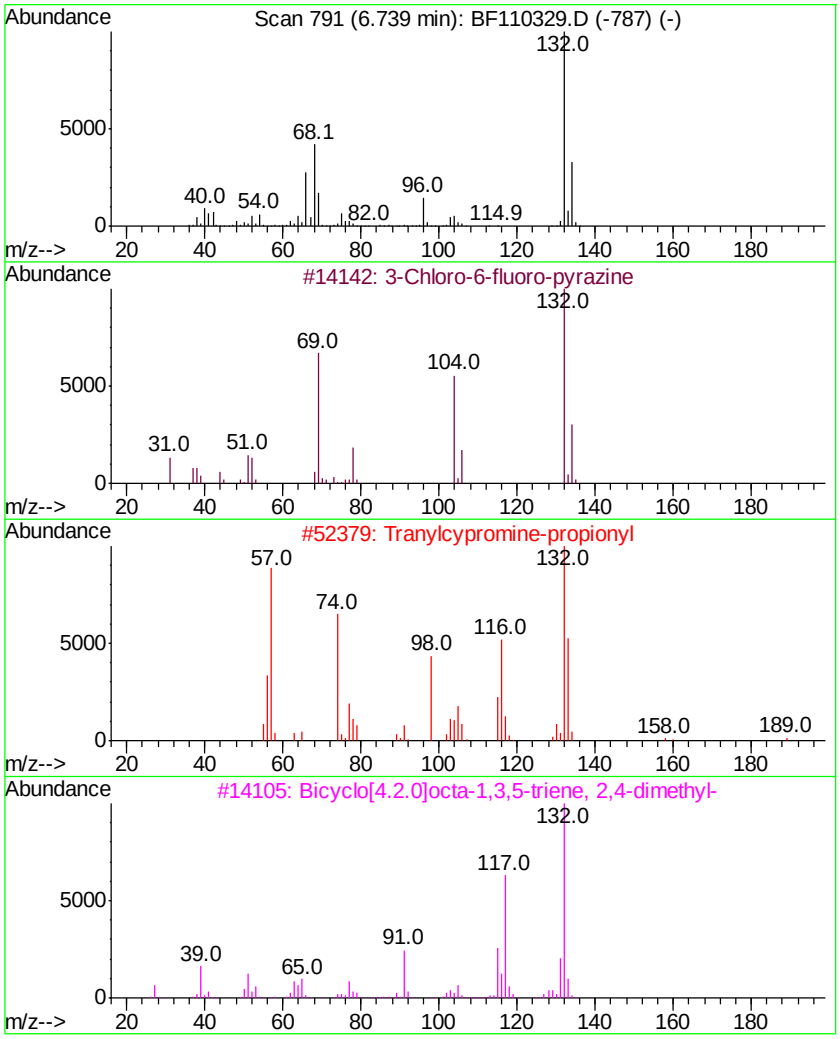
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

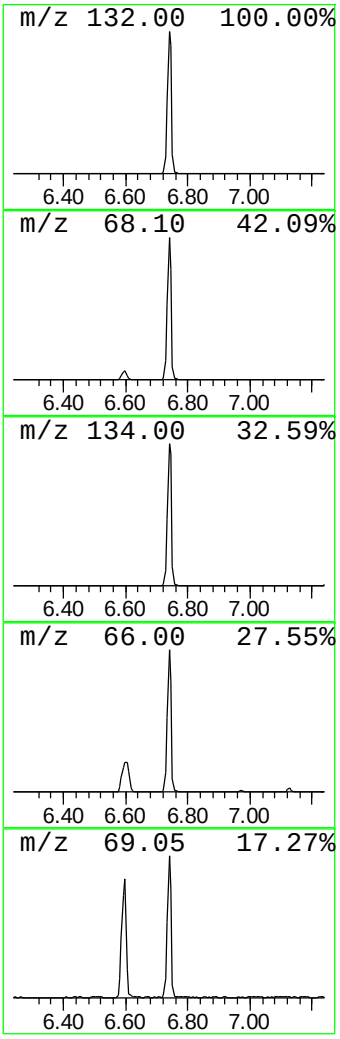
****

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	67.11 ng	1860010	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110329.D
Acq On : 31 Oct 2018 13:39
Operator : JU/SJ
Sample : J5649-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03A

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

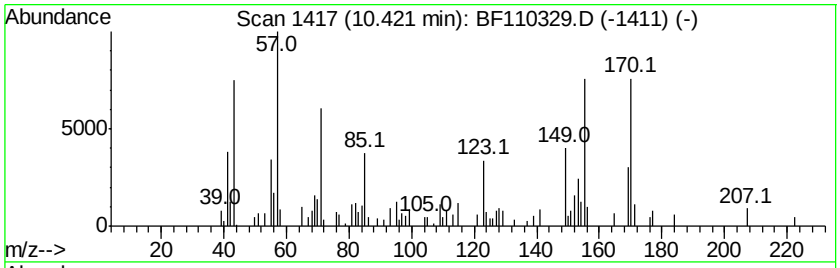
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

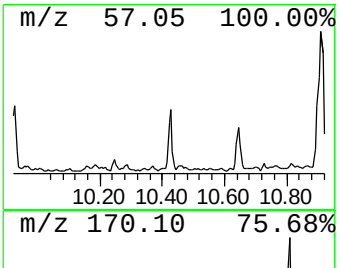
****

Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.73 ng	118616	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78





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Sample : J5649-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03A

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

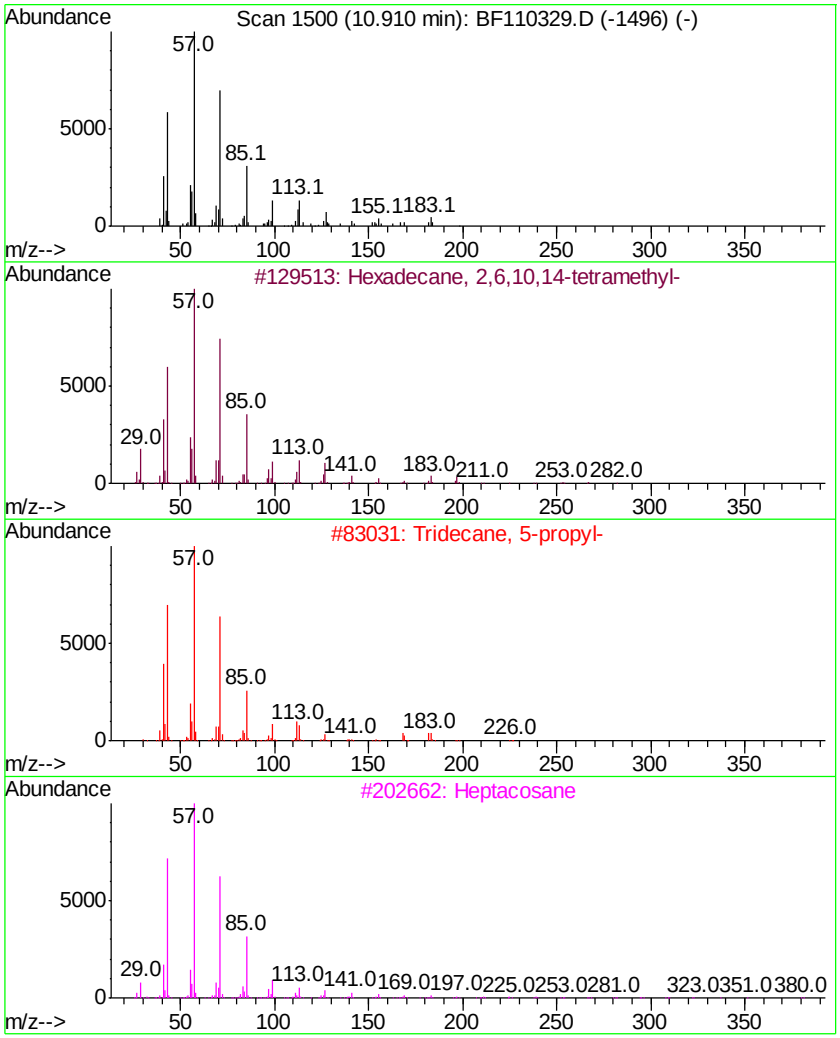
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

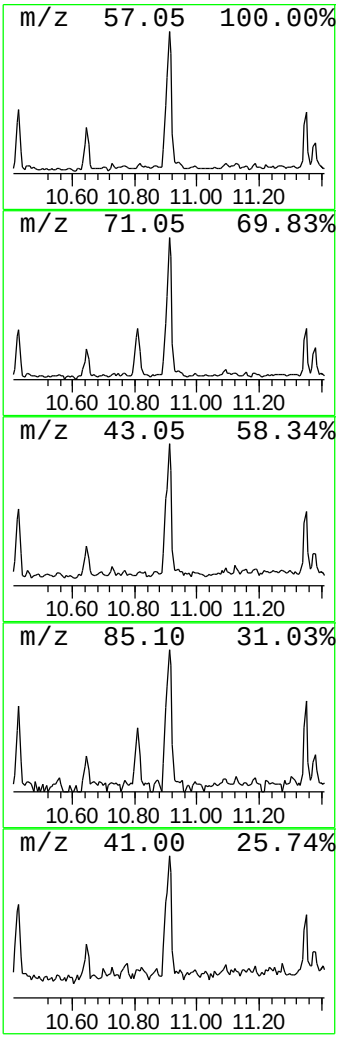
****

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	4.08 ng	183531	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Octadecane	254	C18H38	000593-45-3	80
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110329.D
Acq On : 31 Oct 2018 13:39
Operator : JU/SJ
Sample : J5649-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03A

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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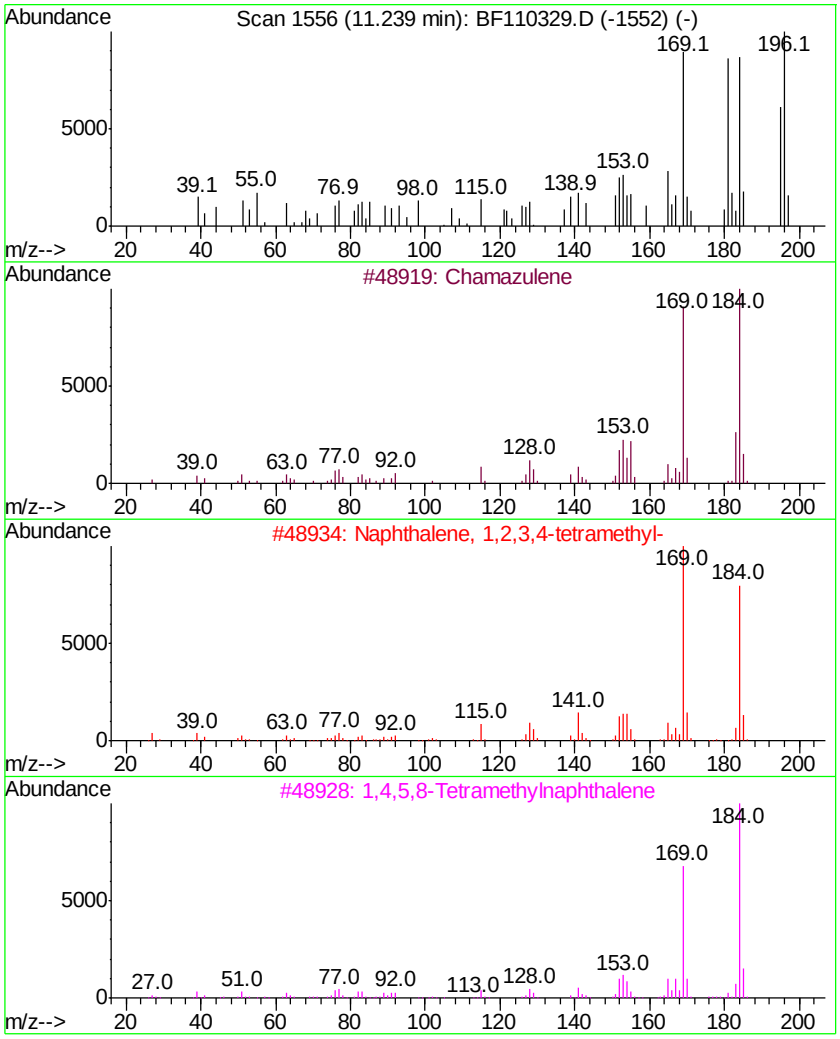
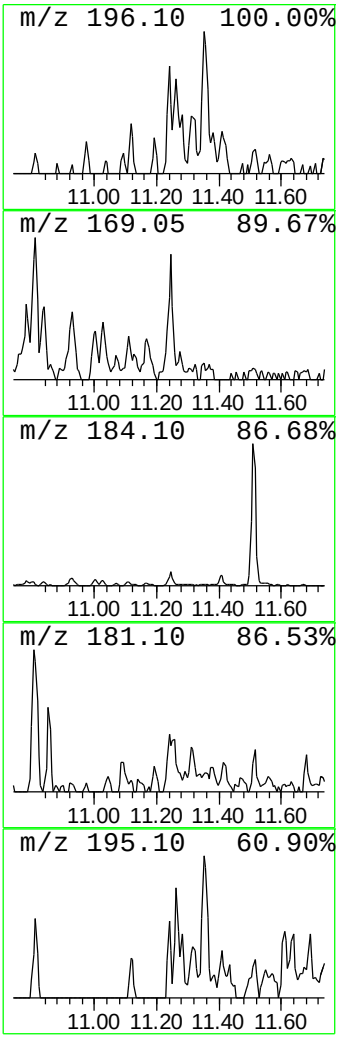
Peak Number 7 Chamazulene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.18 ng	98115	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	83
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	70
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	60
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	55
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	49





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Acq On : 31 Oct 2018 13:39
Operator : JU/SJ
Sample : J5649-06
Misc :
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Instrument : BNA_F
ClientSampleId : DL-03A

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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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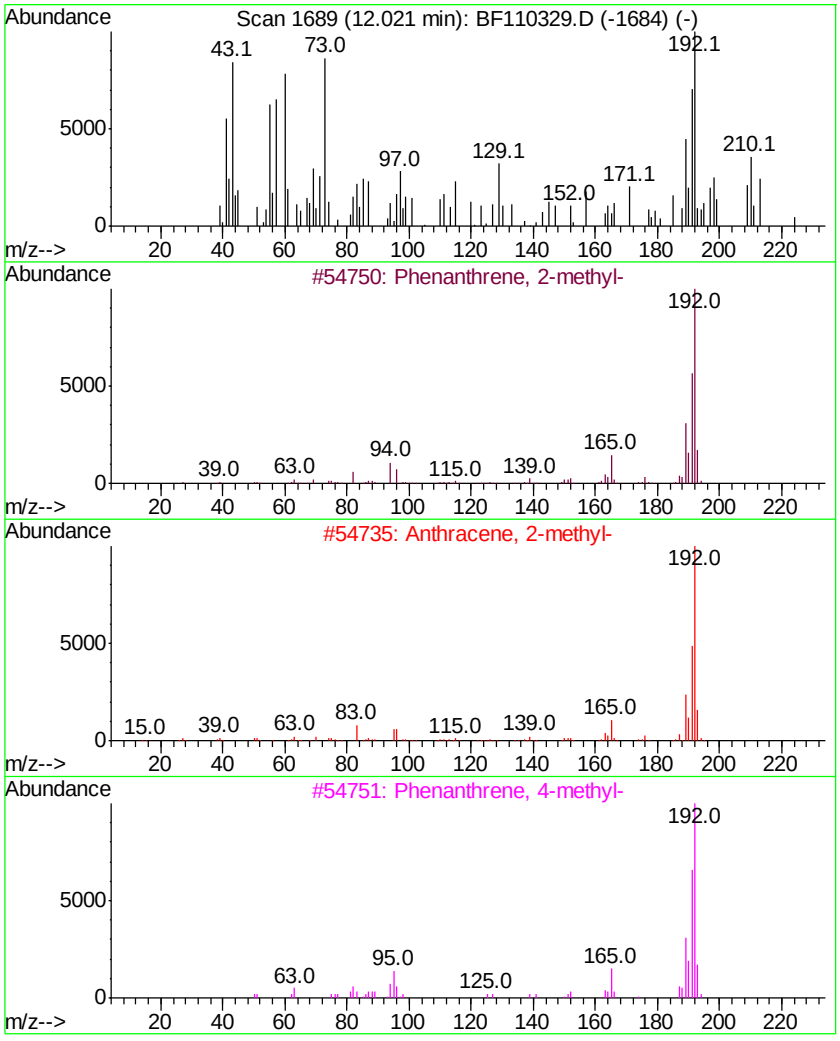
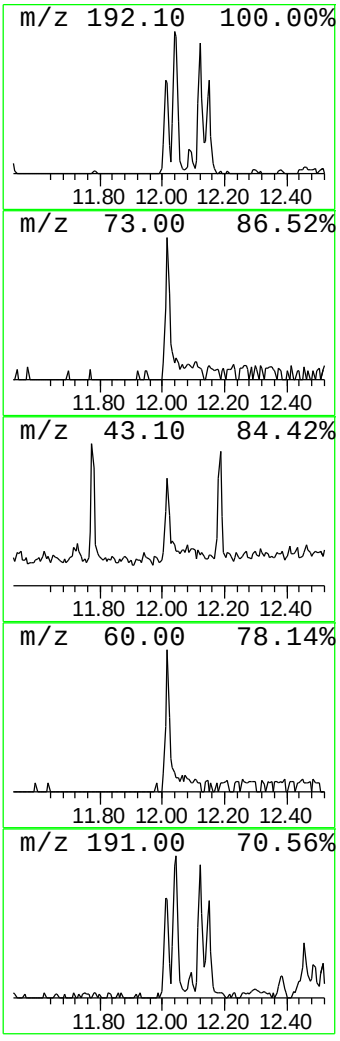
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.12 ng	95420	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64





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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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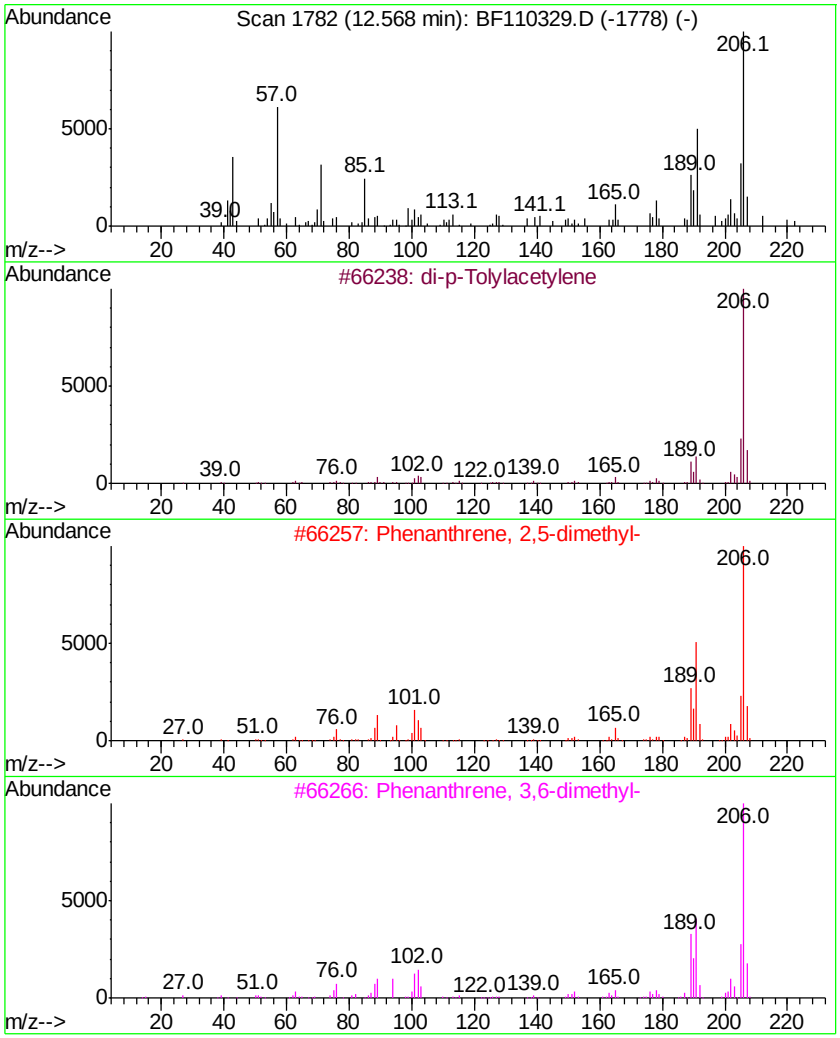
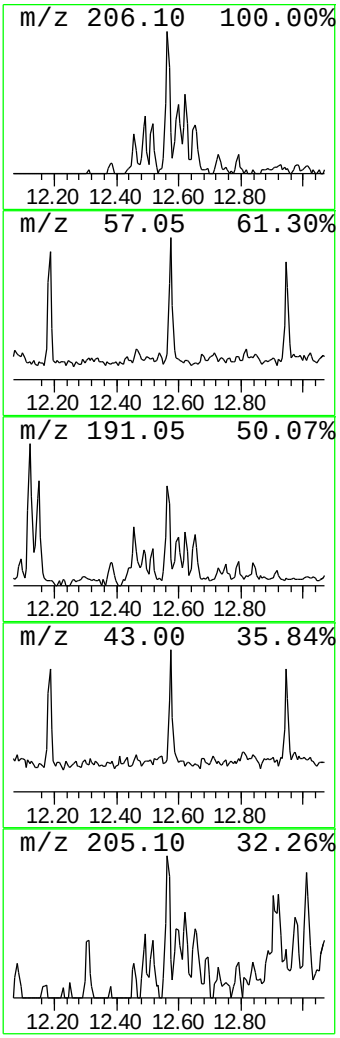
Peak Number 9 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.28 ng	102399	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	70
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	68





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

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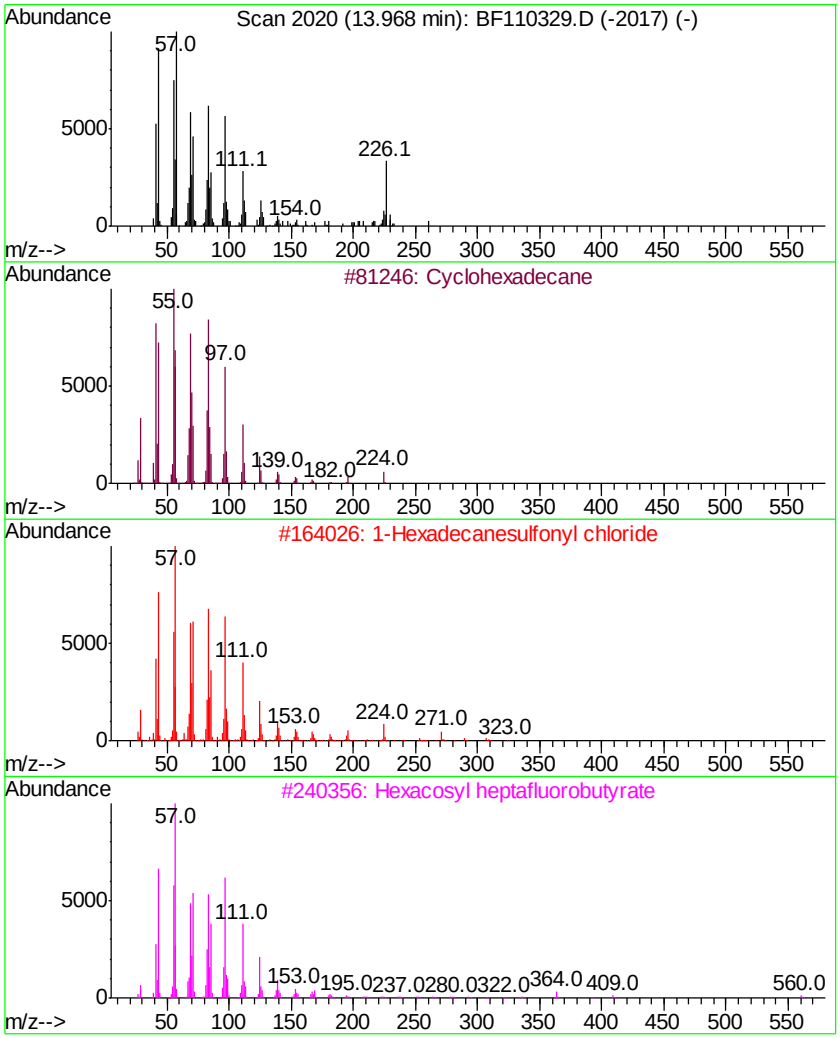
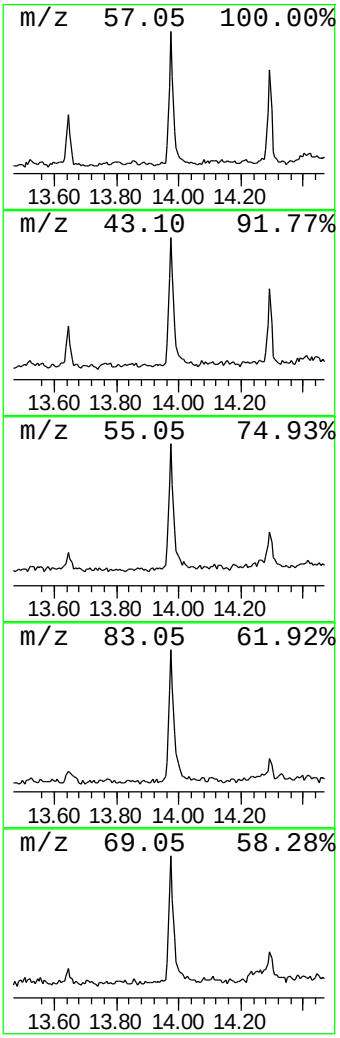
Peak Number 10 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.99 ng	248904	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





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

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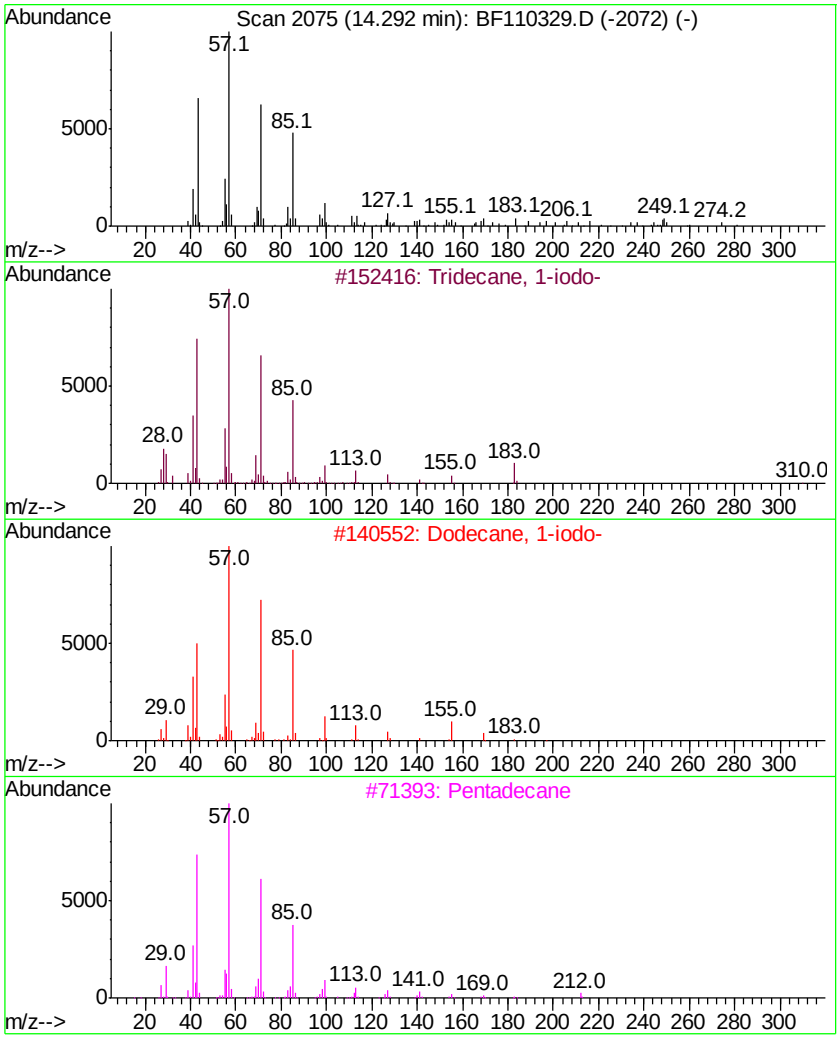
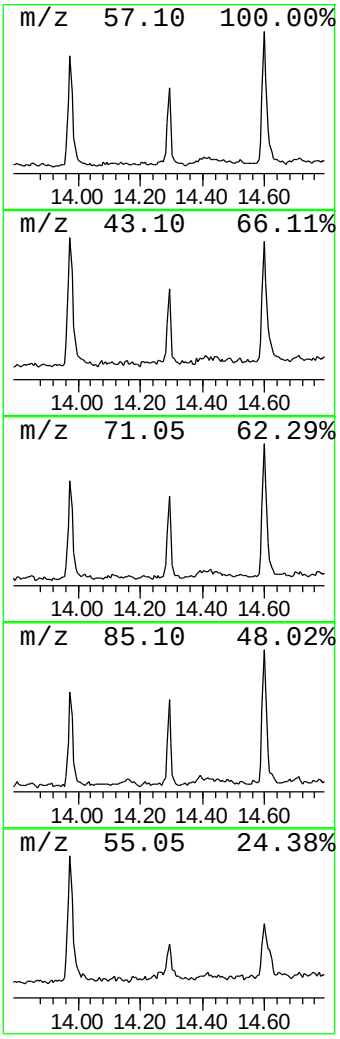
Peak Number 11 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.34 ng	83273	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Pentadecane	212	C15H32	000629-62-9	80
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





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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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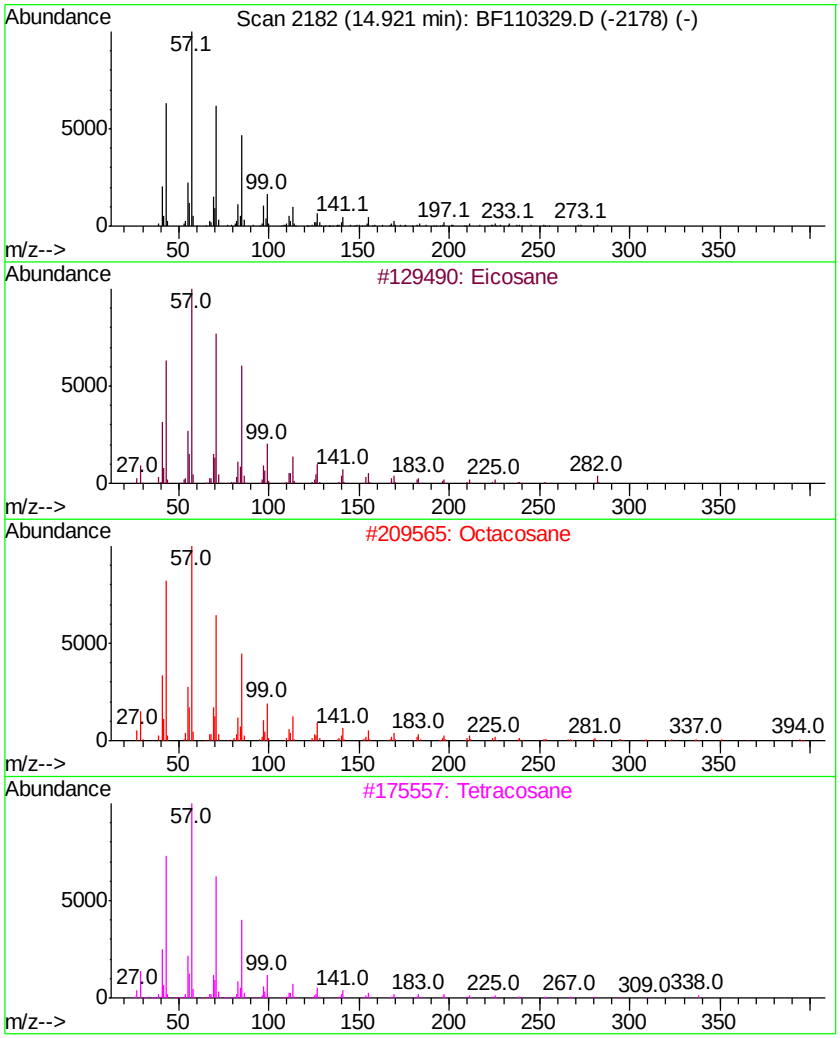
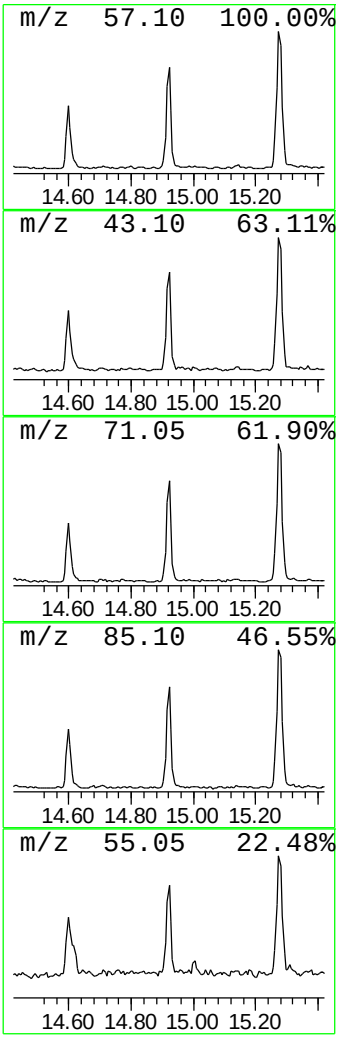
Peak Number 13 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	7.27 ng	258976	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Instrument : BNA_F
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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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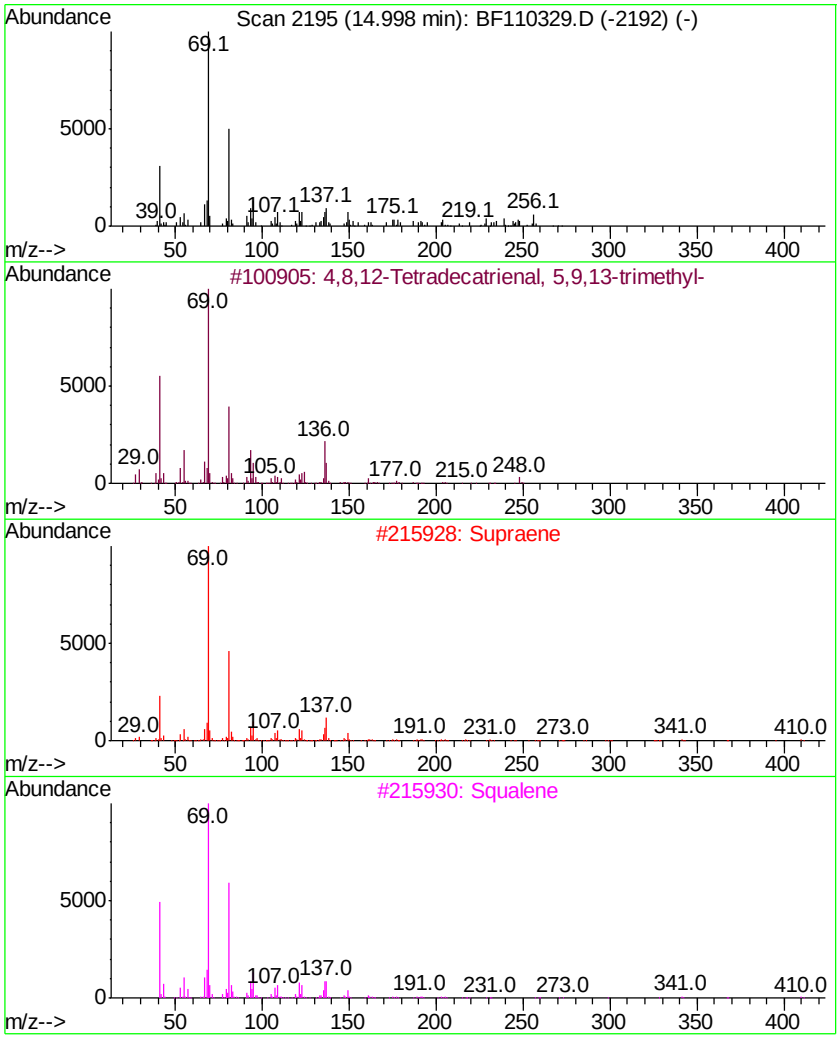
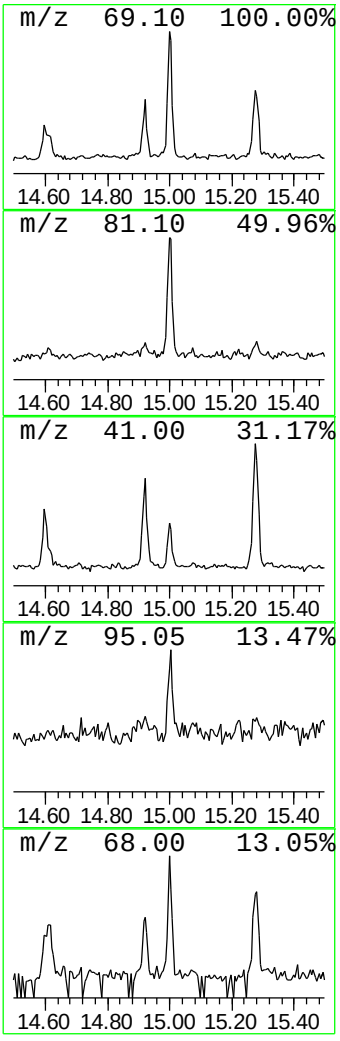
Peak Number 14 4,8,12-Tetradecatrienal, 5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	4.40 ng	87165	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	90
2	Supraene	410	C30H50	007683-64-9	81
3	Squalene	410	C30H50	000111-02-4	81
4	trans-Farnesol	222	C15H26O	000106-28-5	53
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	53





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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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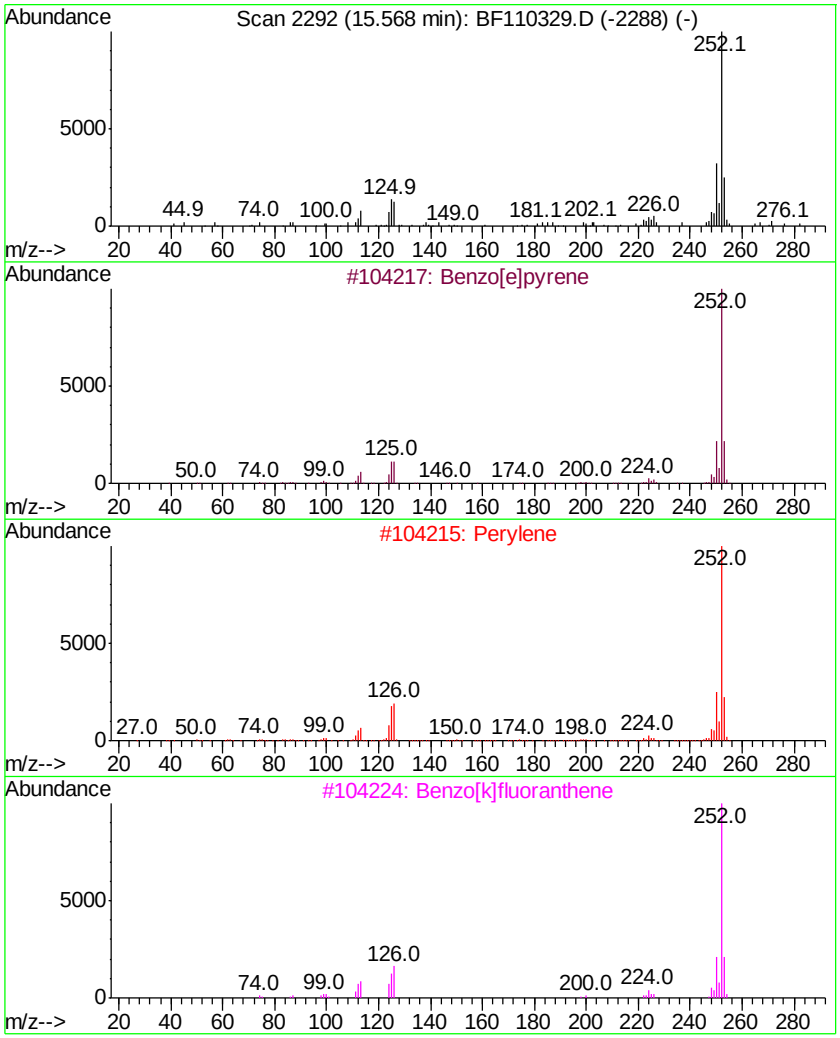
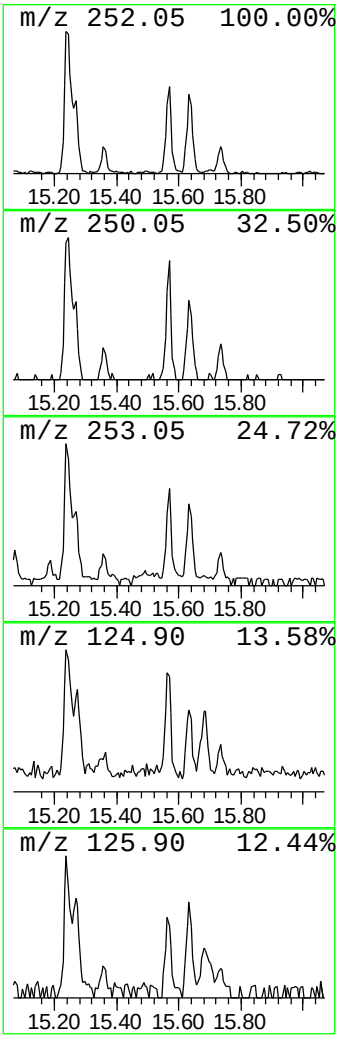
Peak Number 15 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	4.37 ng	86573	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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

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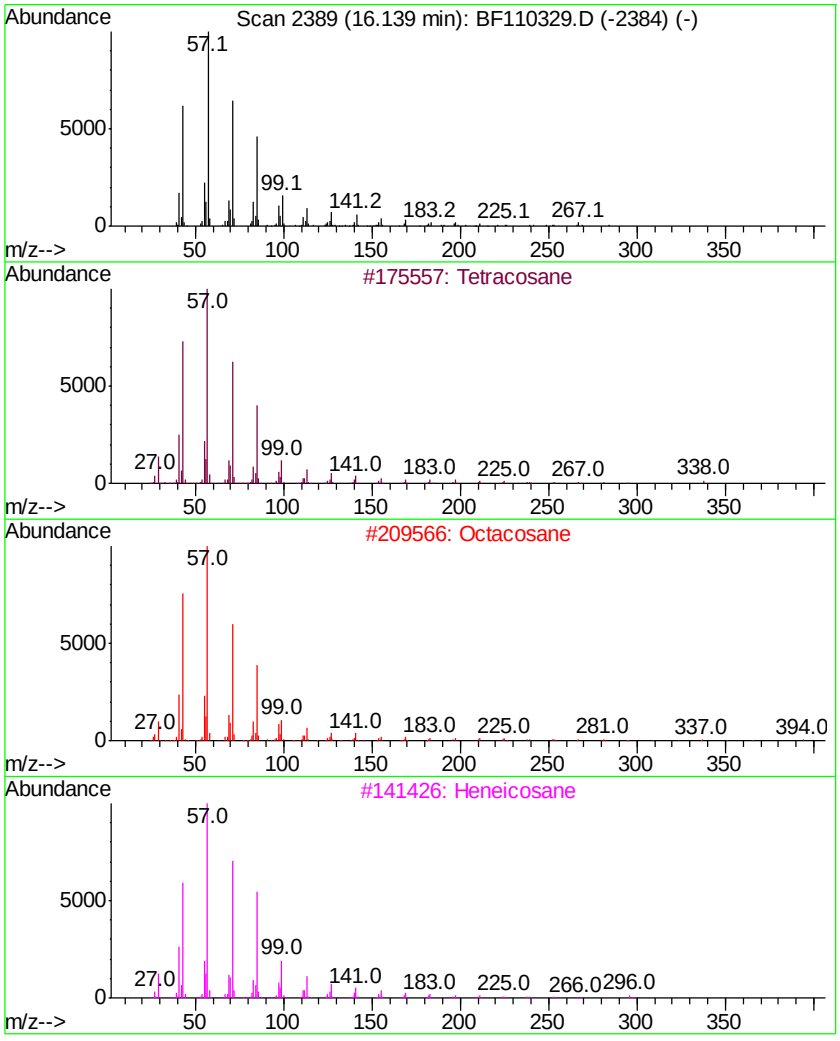
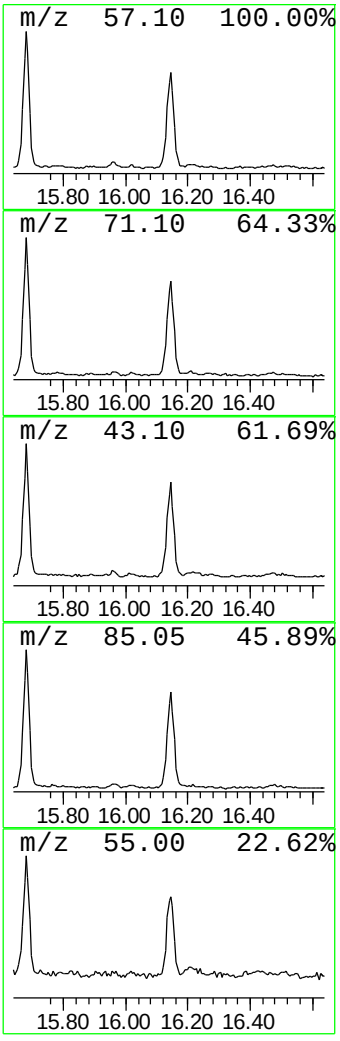
Peak Number 16 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	18.33 ng	363591	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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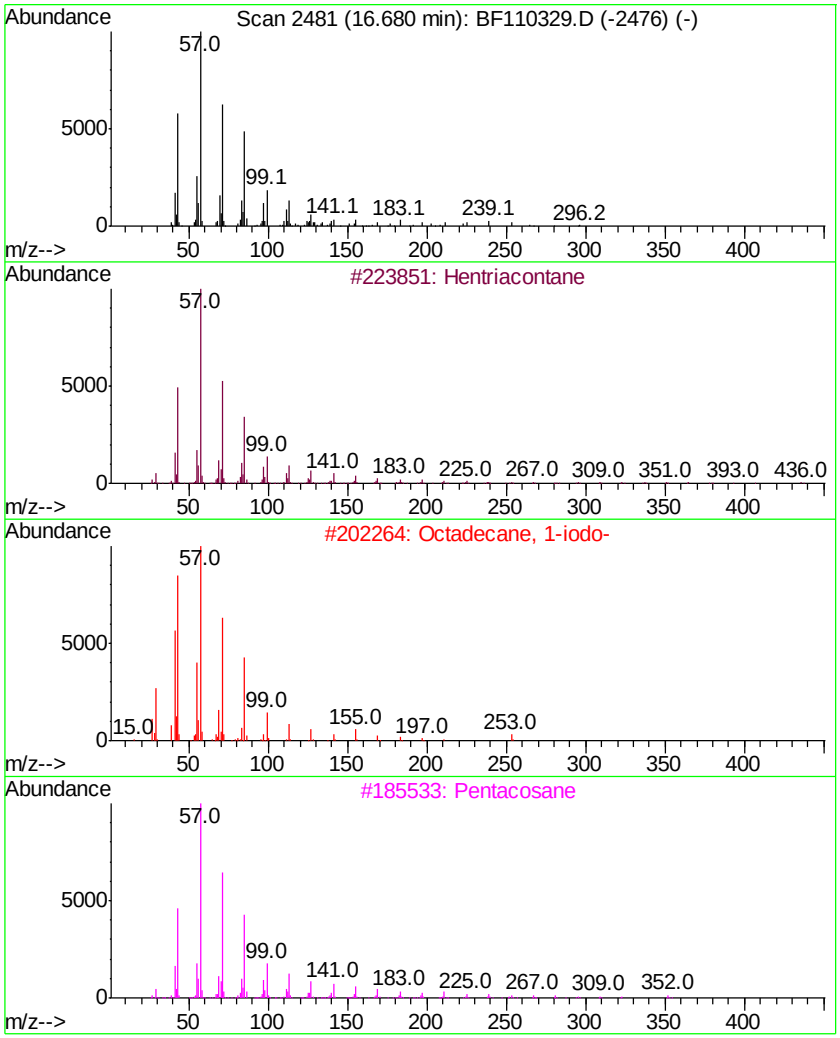
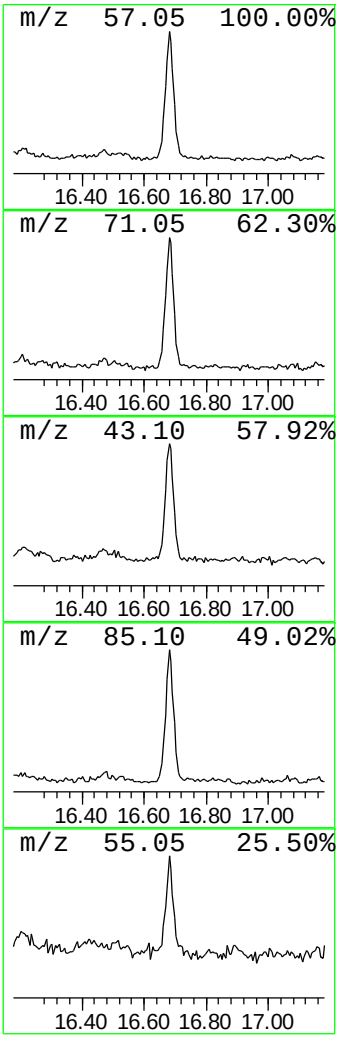
Peak Number 17 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	11.16 ng	221350	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Pentacosane	352	C25H52	000629-99-2	86
4	Eicosane	282	C20H42	000112-95-8	80
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72





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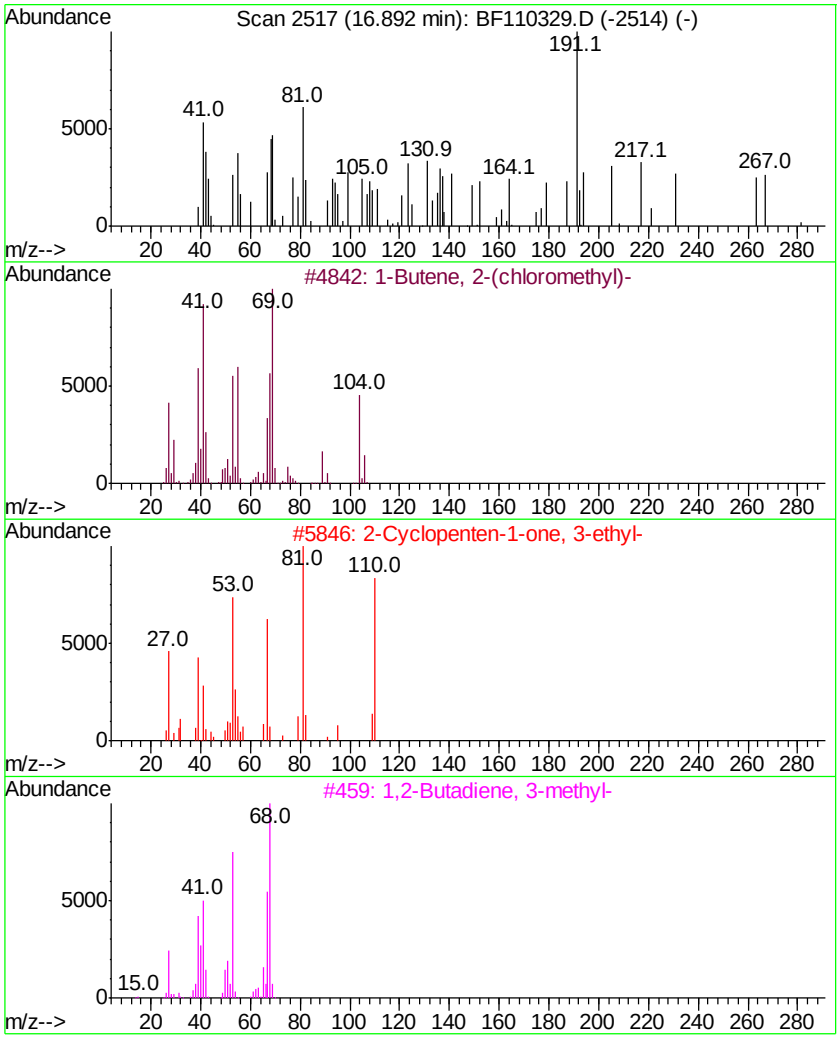
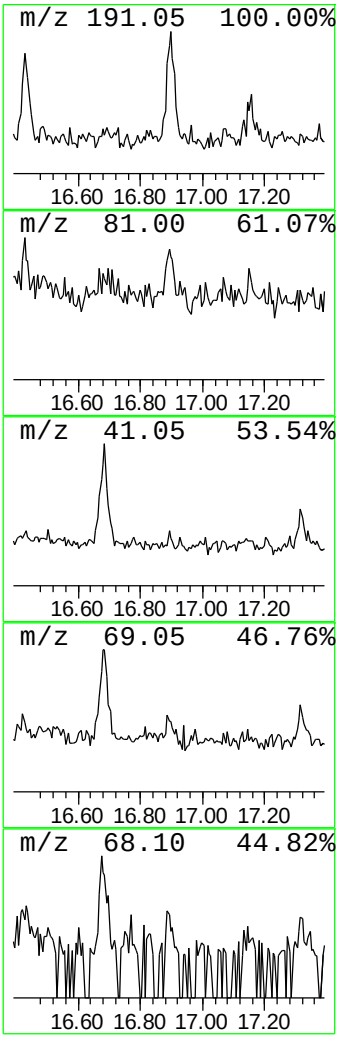
Peak Number 18 unknown16.89 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.12 ng	42134	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	22
2	2-Cyclopenten-1-one, 3-ethyl-	110	C7H10O	005682-69-9	22
3	1,2-Butadiene, 3-methyl-	68	C5H8	000598-25-4	12
4	2(3H)-Benzofuranone, 6-ethenylhe...	232	C15H20O2	028290-35-9	12
5	2-Pentyne	68	C5H8	000627-21-4	10





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

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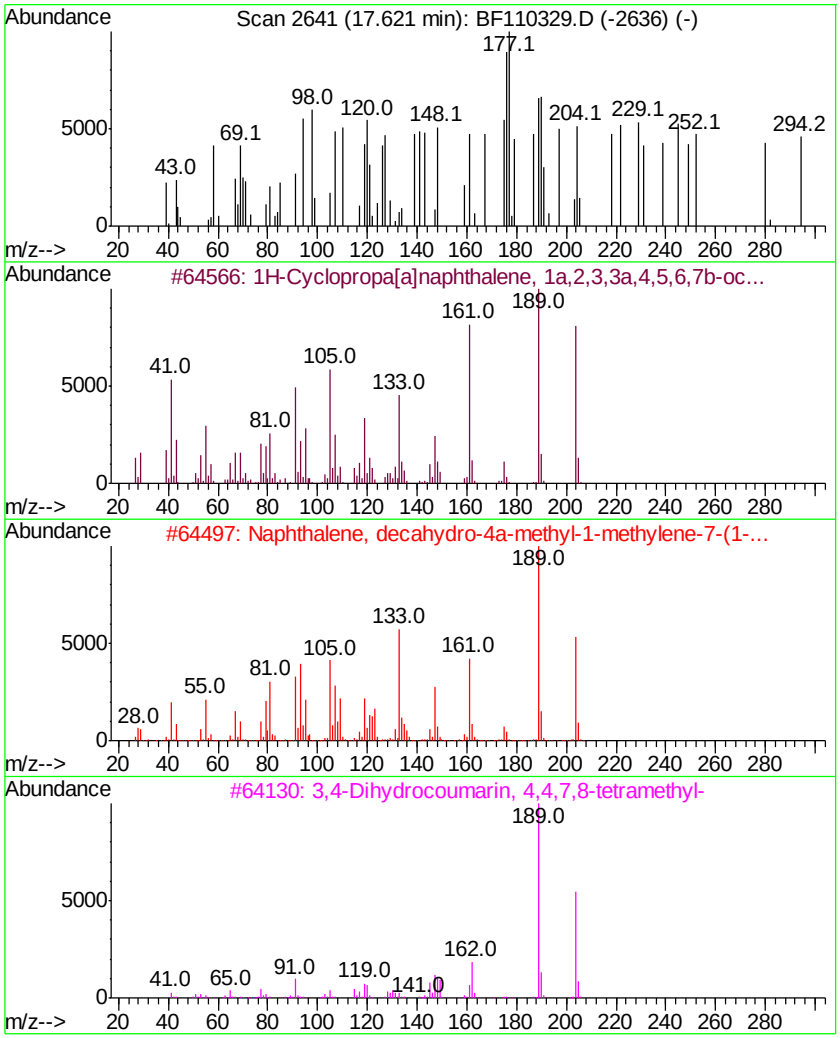
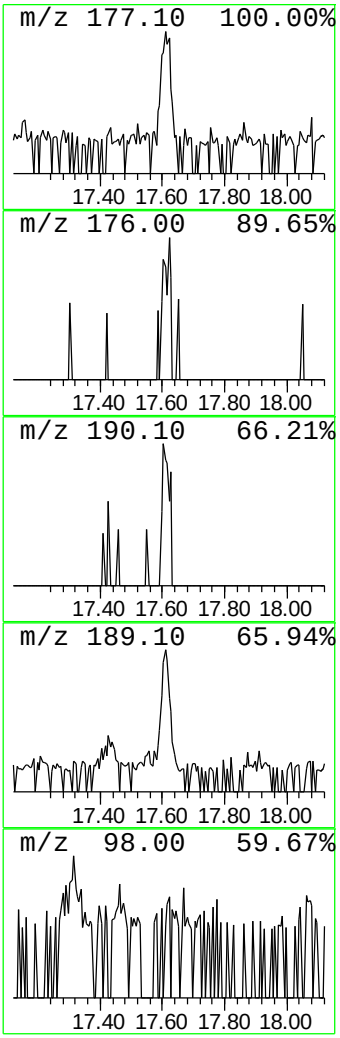
Peak Number 20 unknown17.62 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	3.12 ng	61972	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	25
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	25
3	3,4-Dihydrocoumarin, 4,4,7,8-tet...	204	C13H16O2	040614-36-6	22
4	Cedrene-V6	204	C15H24	1000162-76-8	22
5	3,4-Dihydrocoumarin, 4,4-dimethy...	204	C13H16O2	029423-74-3	22





Tentatively Identified Compound (LSC) summary

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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03A

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...	2.29	16.3	ng	451993	1	6.97	554351	20.0
unknown5.20	5.20	3.2	ng	87710	1	6.97	554351	20.0
unknown6.74	6.74	67.1	ng	1860010	1	6.97	554351	20.0
Naphthalene, 1,6,...	10.42	2.7	ng	118616	3	10.02	867804	20.0
Hexadecane, 2,6,1...	10.91	4.1	ng	183531	4	11.51	899064	20.0
Chamazulene	11.24	2.2	ng	98115	4	11.51	899064	20.0
Phenanthrene, 2-m...	12.02	2.1	ng	95420	4	11.51	899064	20.0
di-p-Tolylacetylene	12.57	2.3	ng	102399	4	11.51	899064	20.0
Cyclohexadecane	13.97	7.0	ng	248904	5	14.16	712538	20.0
Tridecane, 1-iodo-	14.29	2.3	ng	83273	5	14.16	712538	20.0
Eicosane	14.92	7.3	ng	258976	5	14.16	712538	20.0
4,8,12-Tetradecat...	15.00	4.4	ng	87165	6	15.70	396638	20.0
Benzo[e]pyrene	15.57	4.4	ng	86573	6	15.70	396638	20.0
Tetracosane	16.14	18.3	ng	363591	6	15.70	396638	20.0
Hentriacontane	16.68	11.2	ng	221350	6	15.70	396638	20.0
unknown16.89	16.89	2.1	ng	42134	6	15.70	396638	20.0
unknown17.62	17.62	3.1	ng	61972	6	15.70	396638	20.0