LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102994.D
Acq On : 14 Feb 2018 17:24
Operator : SJ/JU
Sample : J1539-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-NW-(2-4)

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	2.157	6	12	20	rVB	853812	1116376	26.25%	2.320%
2	3.963	316	319	324	rVB	101528	129209	3.04%	0.268%
3	5.110	506	514	525	rVB3	120308	261802	6.16%	0.544%
4	5.498	568	580	583	rBV	3894051	4252765	100.00%	8.837%
5	5.898	642	648	651	rBV4	69558	92145	2.17%	0.191%
6	6.116	680	685	689	rBV2	70492	102405	2.41%	0.213%
7	6.357	721	726	731	rVB7	41128	86052	2.02%	0.179%
8	6.404	731	734	736	rBV2	91637	114380	2.69%	0.238%
9	6.510	747	752	756	rVB	3414653	3930328	92.42%	8.167%
10	6.645	771	775	779	rVV	3828178	3873368	91.08%	8.048%
11	6.704	782	785	788	rBV2	143609	139769	3.29%	0.290%
12	6.875	811	814	818	rVV	1245249	1019986	23.98%	2.119%
13	7.034	834	841	844	rBV	3268759	2929226	68.88%	6.087%
14	7.192	863	868	876	rBV5	53064	113429	2.67%	0.236%
15	7.275	876	882	886	rBV3	114032	197364	4.64%	0.410%
16	7.439	905	910	913	rBV	2566856	2497241	58.72%	5.189%
17	7.516	918	923	926	rVB4	84836	119753	2.82%	0.249%
18	7.569	926	932	936	rBV2	68236	106198	2.50%	0.221%
19	7.798	968	971	980	rBV6	67475	133927	3.15%	0.278%
20	7.969	997	1000	1007	rVB5	57519	86162	2.03%	0.179%
21	8.104	1018	1023	1025	rVV4	79251	93631	2.20%	0.195%
22	8.133	1025	1028	1029	rVV	131743	119019	2.80%	0.247%
23	8.157	1029	1032	1035	rVV	1548442	1421088	33.42%	2.953%
24	8.180	1035	1036	1038	rVV	296506	166036	3.90%	0.345%
25	8.210	1038	1041	1043	rVV	169633	153071	3.60%	0.318%
26	8.445	1074	1081	1086	rBV5	116985	159592	3.75%	0.332%
27	8.498	1086	1090	1093	rVV5	64382	90411	2.13%	0.188%
28	8.569	1099	1102	1104	rVV	206957	175802	4.13%	0.365%
29	8.739	1128	1131	1136	rBV	158920	128456	3.02%	0.267%
30	8.869	1150	1153	1157	rVB	431073	330633	7.77%	0.687%
31	8.969	1167	1170	1173	rBV	177336	147002	3.46%	0.305%
32	9.169	1202	1204	1207	rVV	122773	87516	2.06%	0.182%
33	9.233	1210	1215	1218	rBV	3494323	3120736	73.38%	6.485%
34	9.304	1224	1227	1230	rBV	237298	214276	5.04%	0.445%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102994.D
Acq On : 14 Feb 2018 17:24
Operator : SJ/JU
Sample : J1539-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-NW-(2-4)

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.498	1256	1260	1264	rVB	165421	221091	5.20%	0.459%
36	9.539	1264	1267	1269	rBV	124837	100253	2.36%	0.208%
37	9.569	1269	1272	1274	rBV	181172	191579	4.50%	0.398%
38	9.622	1278	1281	1284	rBV	411999	356465	8.38%	0.741%
39	9.686	1289	1292	1294	rBV	126938	102916	2.42%	0.214%
40	9.833	1309	1317	1320	rBV	348883	322783	7.59%	0.671%
41	9.916	1327	1331	1334	rVB	1131777	1058350	24.89%	2.199%
42	9.945	1334	1336	1339	rVB3	109488	92817	2.18%	0.193%
43	10.016	1344	1348	1352	rVB2	108005	140962	3.31%	0.293%
44	10.063	1352	1356	1359	rBV4	85513	137074	3.22%	0.285%
45	10.110	1359	1364	1368	rVB3	153658	214707	5.05%	0.446%
46	10.151	1368	1371	1376	rVB3	188228	173349	4.08%	0.360%
47	10.227	1381	1384	1386	rBV	167435	155064	3.65%	0.322%
48	10.257	1386	1389	1391	rBV	111099	85306	2.01%	0.177%
49	10.316	1395	1399	1400	rBV2	117079	129847	3.05%	0.270%
50	10.333	1400	1402	1405	rVB	367094	274552	6.46%	0.570%
51	10.551	1436	1439	1441	rVV2	106182	117185	2.76%	0.243%
52	10.704	1461	1465	1468	rBV	1600755	1495969	35.18%	3.108%
53	10.810	1480	1483	1484	rBV	269432	282693	6.65%	0.587%
54	11.010	1511	1517	1519	rBV4	70635	121706	2.86%	0.253%
55	11.157	1540	1542	1547	rVB4	78037	92729	2.18%	0.193%
56	11.204	1547	1550	1554	rBV	160523	172664	4.06%	0.359%
57	11.257	1555	1559	1561	rBV2	221099	210432	4.95%	0.437%
58	11.398	1580	1583	1586	rBV	921800	925764	21.77%	1.924%
59	11.421	1586	1587	1591	rVV	446869	385352	9.06%	0.801%
60	11.510	1598	1602	1604	rBV2	114887	132410	3.11%	0.275%
61	11.563	1608	1611	1616	rVB4	107691	188800	4.44%	0.392%
62	11.680	1629	1631	1634	rVV2	221677	197965	4.65%	0.411%
63	11.733	1635	1640	1645	rVB3	107562	189483	4.46%	0.394%
64	11.904	1666	1669	1670	rBV	222019	194640	4.58%	0.404%
65	11.927	1670	1673	1676	rVV2	409999	420133	9.88%	0.873%
66	11.974	1679	1681	1683	rVV2	91410	95018	2.23%	0.197%
67	12.010	1684	1687	1690	rVV2	326012	347332	8.17%	0.722%
68	12.033	1690	1691	1696	rVB	149361	125013	2.94%	0.260%
69	12.086	1697	1700	1703	rBV	198236	208434	4.90%	0.433%
70	12.198	1716	1719	1721	rBV2	184575	186586	4.39%	0.388%
71	12.345	1739	1744	1746	rBV	149771	171073	4.02%	0.355%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1539-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-NW-(2-4)

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.380	1747	1750	1752	rVV	175775	194441	4.57%	0.404%
73	12.404	1752	1754	1756	rVV	166921	130790	3.08%	0.272%
74	12.451	1759	1762	1765	rVV	464770	454935	10.70%	0.945%
75	12.480	1765	1767	1770	rVV3	259635	303704	7.14%	0.631%
76	12.510	1770	1772	1774	rVV	166491	123293	2.90%	0.256%
77	12.539	1774	1777	1781	rVB	149913	165553	3.89%	0.344%
78	12.615	1787	1790	1794	rBV	735599	624519	14.69%	1.298%
79	12.657	1794	1797	1799	rVV	143516	121307	2.85%	0.252%
80	12.845	1826	1829	1835	rVV2	591592	702339	16.51%	1.459%
81	12.898	1835	1838	1841	rVB2	250117	241223	5.67%	0.501%
82	12.986	1849	1853	1856	rBV	2025846	1863895	43.83%	3.873%
83	13.057	1862	1865	1867	rBV3	186631	187877	4.42%	0.390%
84	13.145	1877	1880	1882	rVV2	115426	152067	3.58%	0.316%
85	13.168	1882	1884	1887	rVV	177322	167096	3.93%	0.347%
86	13.204	1887	1890	1894	rVV3	126308	139562	3.28%	0.290%
87	13.274	1900	1902	1905	rVB2	154758	148396	3.49%	0.308%
88	13.551	1946	1949	1951	rBV2	129197	146905	3.45%	0.305%
89	13.680	1969	1971	1975	rVB2	181842	180668	4.25%	0.375%
90	13.868	2000	2003	2011	rVB4	534016	646600	15.20%	1.344%
91	14.045	2028	2033	2036	rBV2	1014335	1306889	30.73%	2.716%
92	14.068	2036	2037	2039	rVB	353331	200162	4.71%	0.416%
93	14.127	2045	2047	2051	rVB	129641	110836	2.61%	0.230%
94	14.427	2094	2098	2101	rVB2	213821	312588	7.35%	0.650%
95	14.462	2102	2104	2106	rVV	148262	122485	2.88%	0.255%
96	14.498	2108	2110	2116	rVB7	183047	243944	5.74%	0.507%
97	14.792	2157	2160	2163	rBV3	155799	155628	3.66%	0.323%
98	15.086	2207	2210	2214	rBV	256677	318799	7.50%	0.662%
99	15.398	2261	2263	2267	rVB	186183	205651	4.84%	0.427%
100	15.527	2281	2285	2289	rBV	580317	725944	17.07%	1.508%

Sum of corrected areas: 48125746

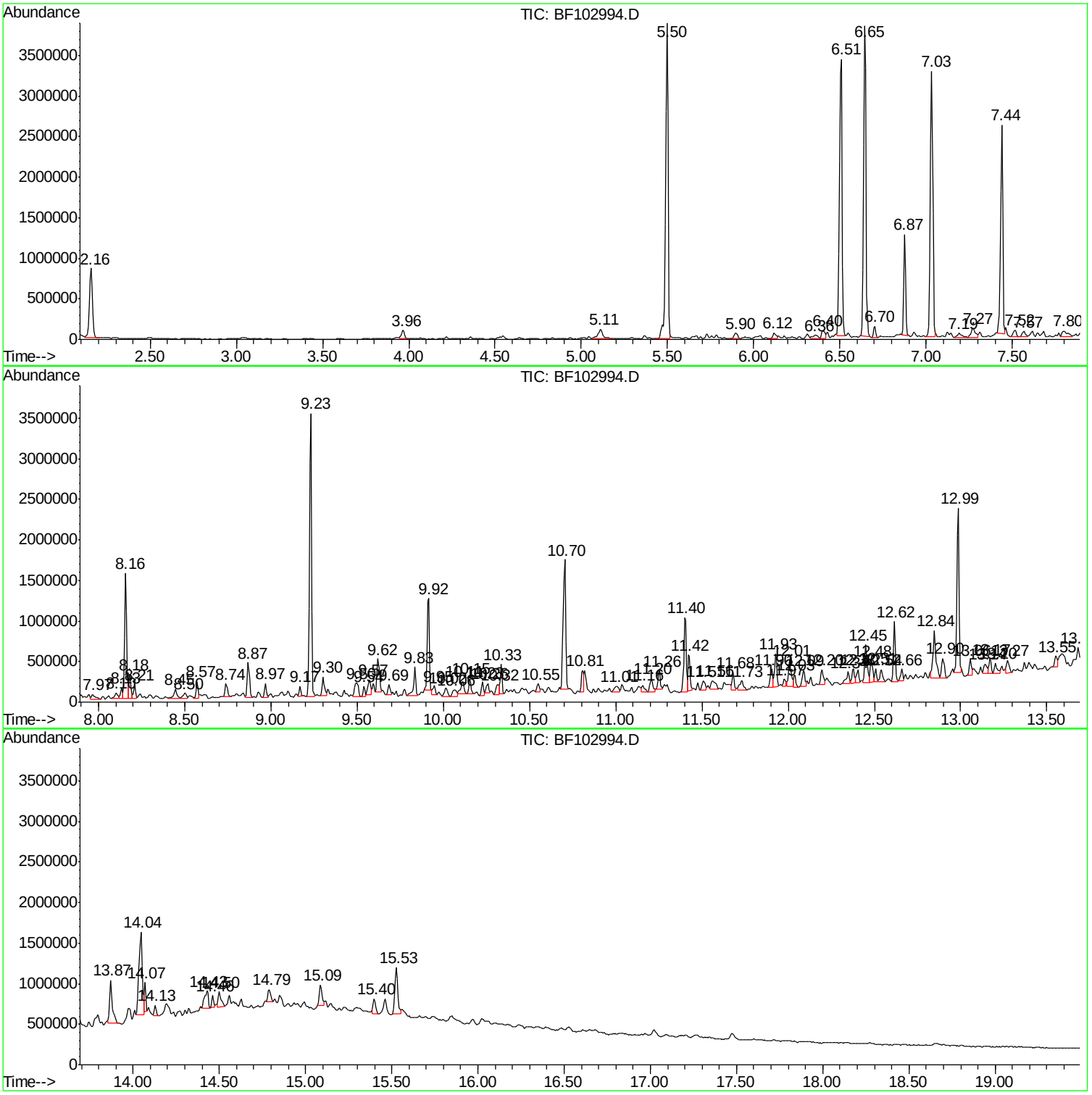
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102994.D
Acq On : 14 Feb 2018 17:24
Operator : SJ/JU
Sample : J1539-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102994.D
Acq On : 14 Feb 2018 17:24
Operator : SJ/JU
Sample : J1539-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

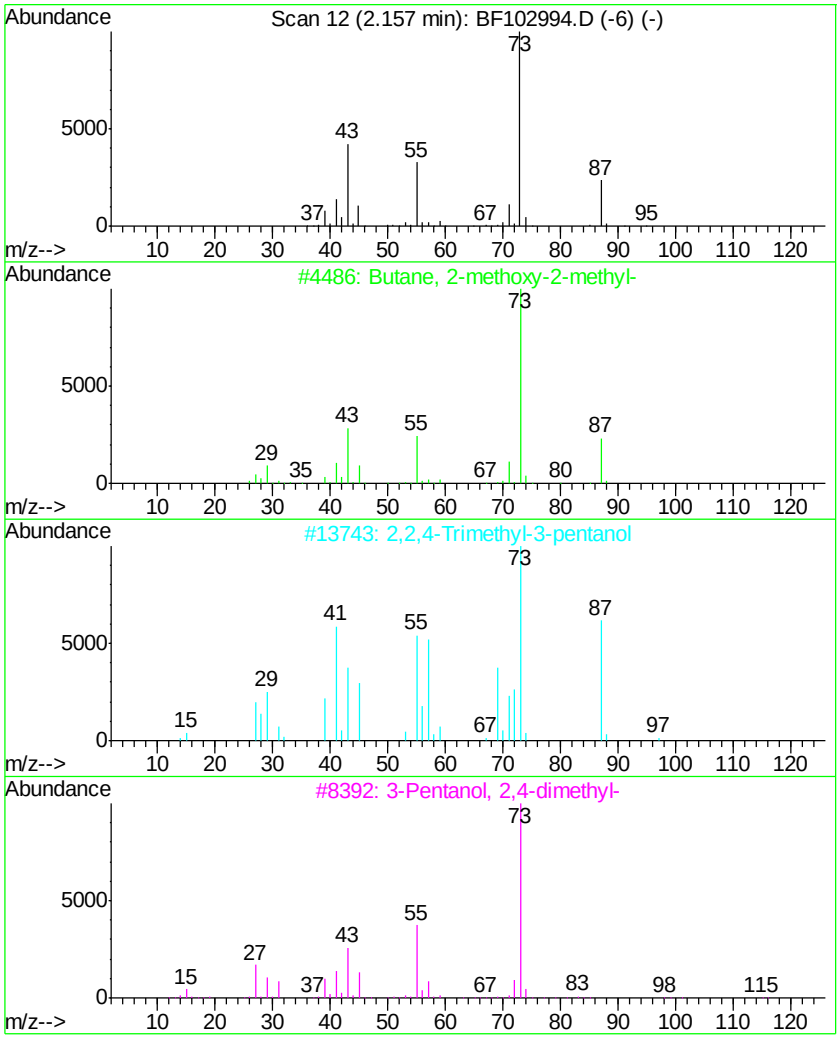
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

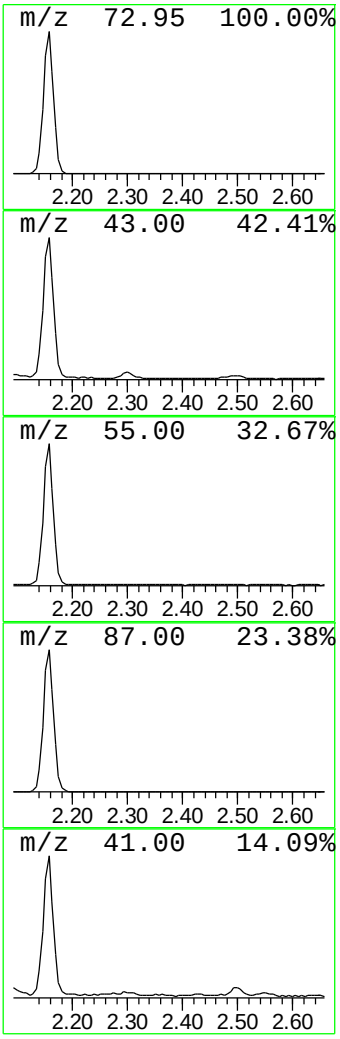
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	21.89 ng	1116380	1,4-Dichlorobenzene-d4	6.87

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	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102994.D
Acq On : 14 Feb 2018 17:24
Operator : SJ/JU
Sample : J1539-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-NW-(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

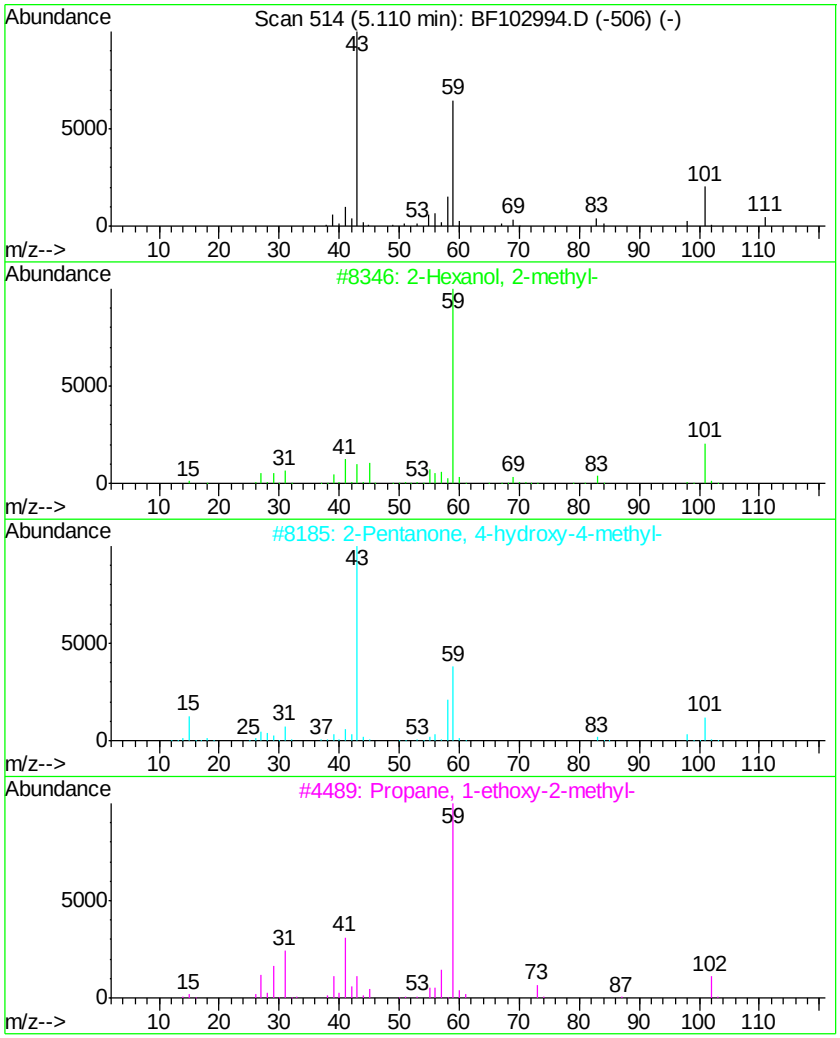
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

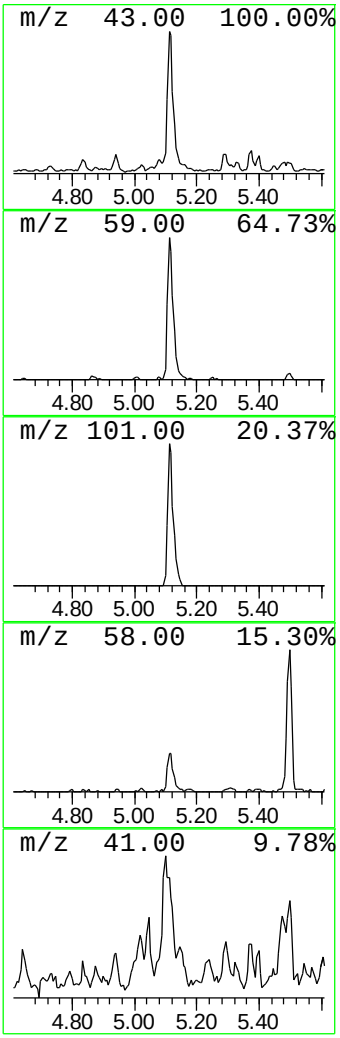
****

Peak Number 2 2-Hexanol, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	5.13 ng	261802	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	30
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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Sample : J1539-13
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-NW-(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

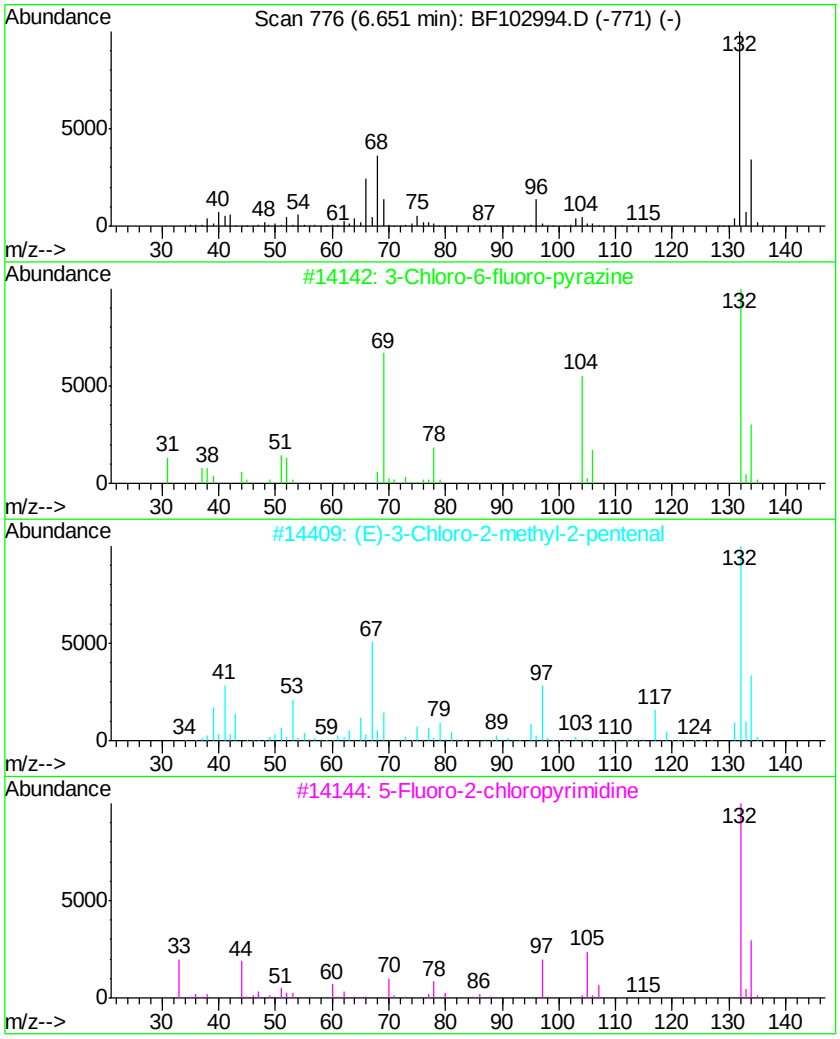
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

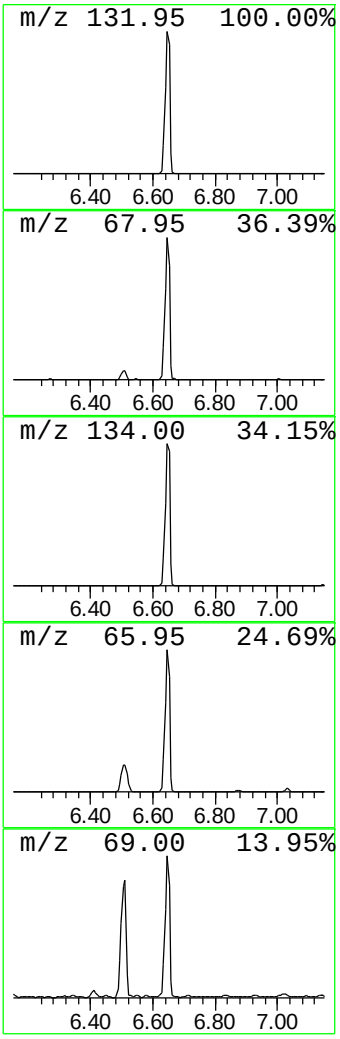
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	75.95 ng	3873370	1,4-Dichlorobenzene-d4	6.87

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	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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Sample : J1539-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-NW-(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

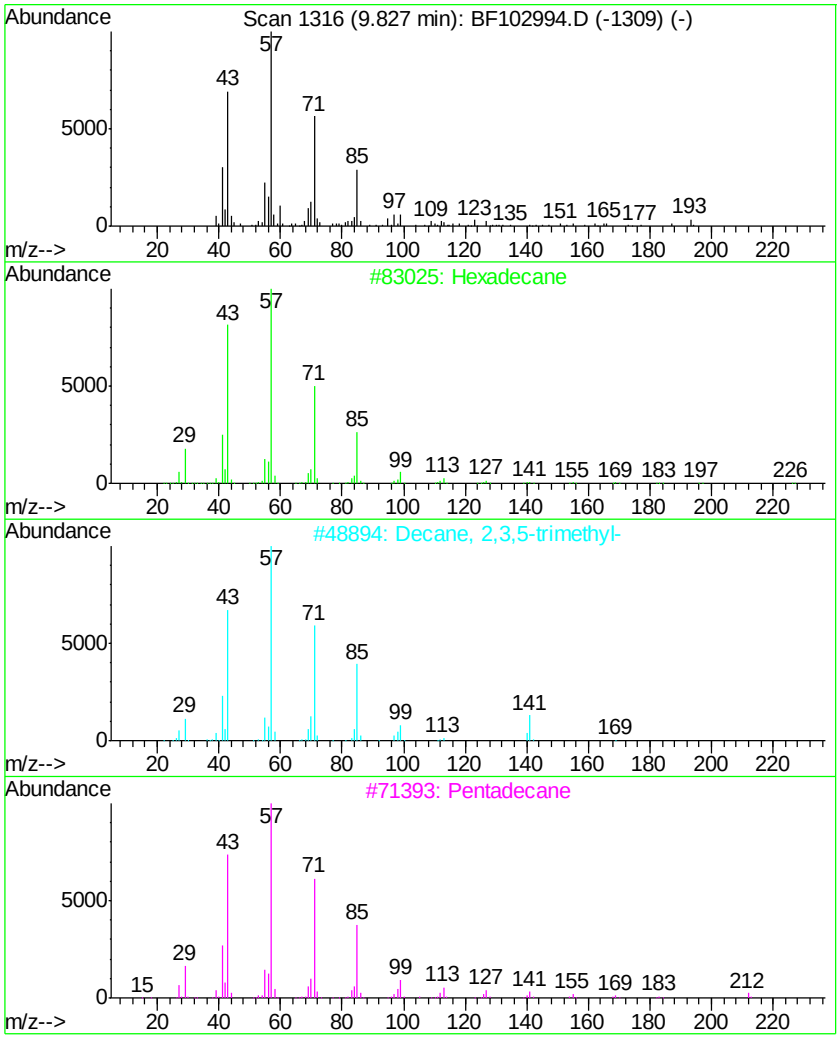
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

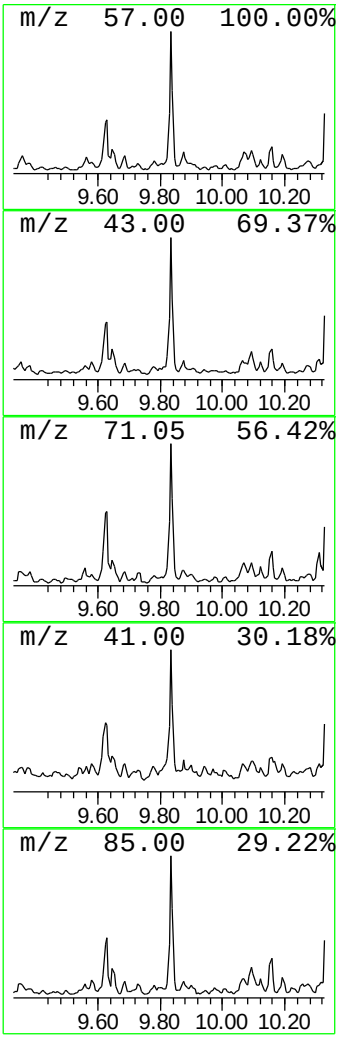
****

Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	6.10 ng	322783	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3	Pentadecane	212	C15H32	000629-62-9	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102994.D
Acq On : 14 Feb 2018 17:24
Operator : SJ/JU
Sample : J1539-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-NW-(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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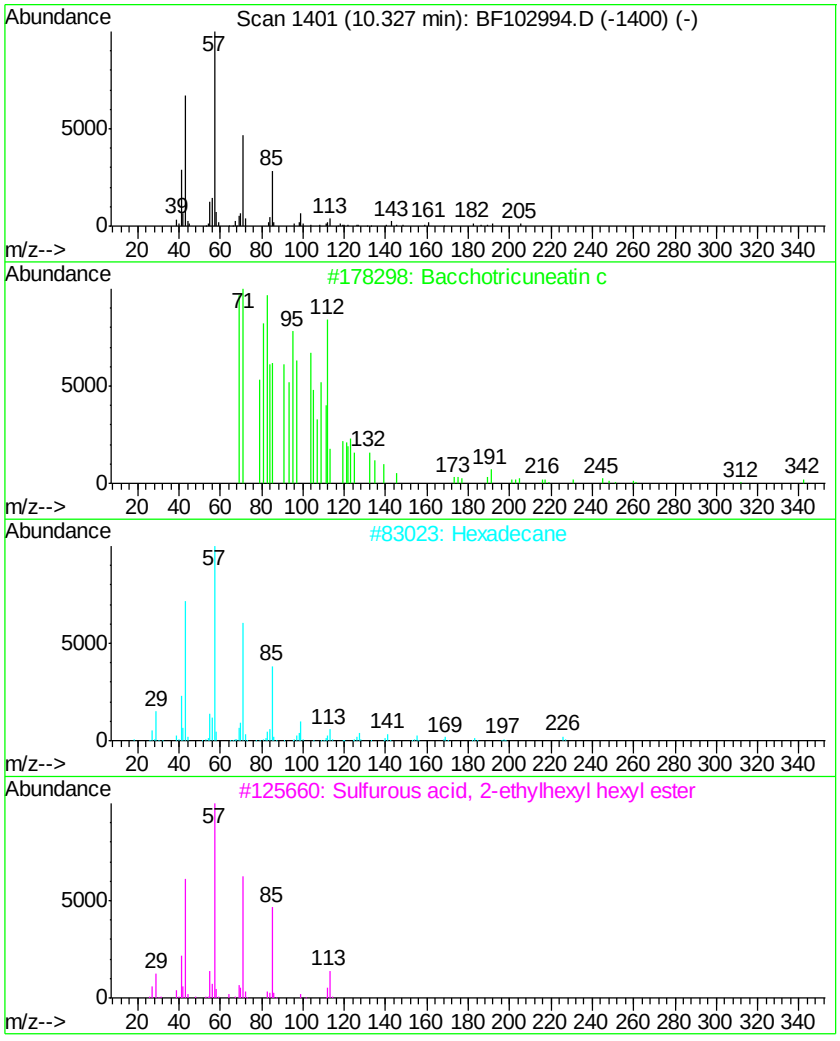
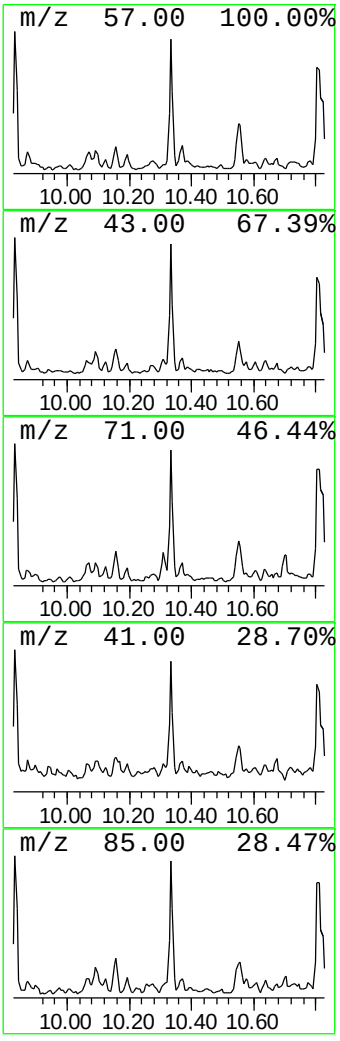
Peak Number 6 Bacchotricuneatin c Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	5.19 ng	274552	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Hexadecane	226	C16H34	000544-76-3	90
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Heptadecane	240	C17H36	000629-78-7	78
5	Pentadecane	212	C15H32	000629-62-9	78





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Operator : SJ/JU
Sample : J1539-13
Misc :
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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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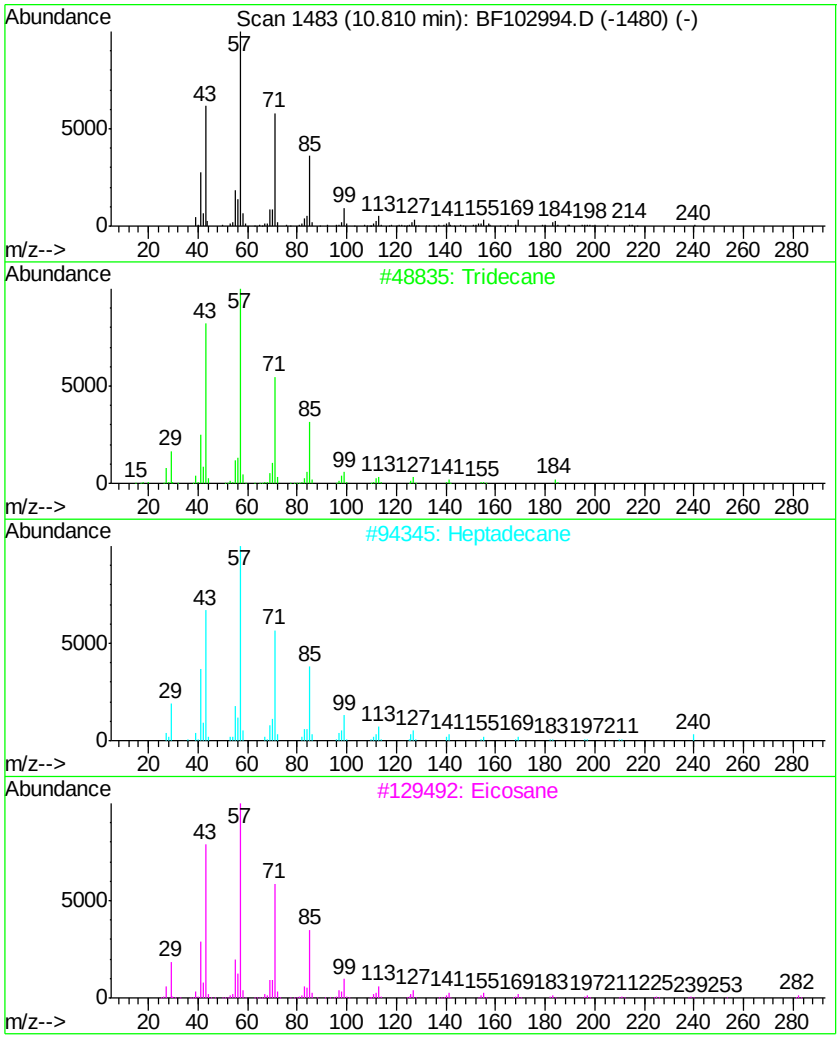
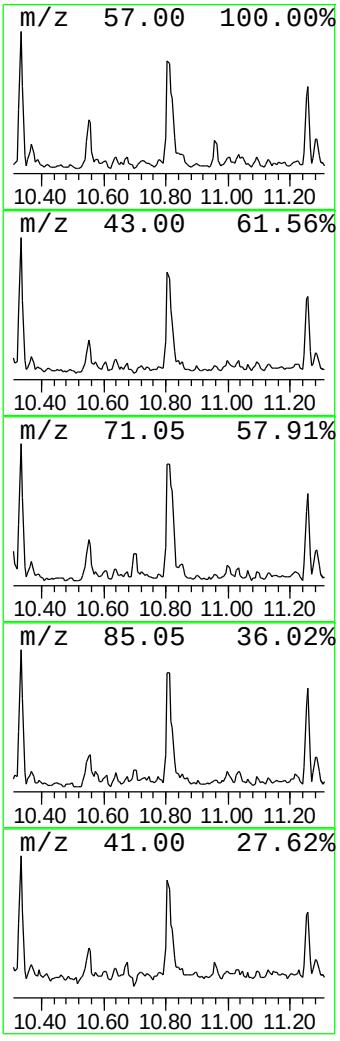
Peak Number 7 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	6.11 ng	282693	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Eicosane	282	C20H42	000112-95-8	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Hexadecane	226	C16H34	000544-76-3	90





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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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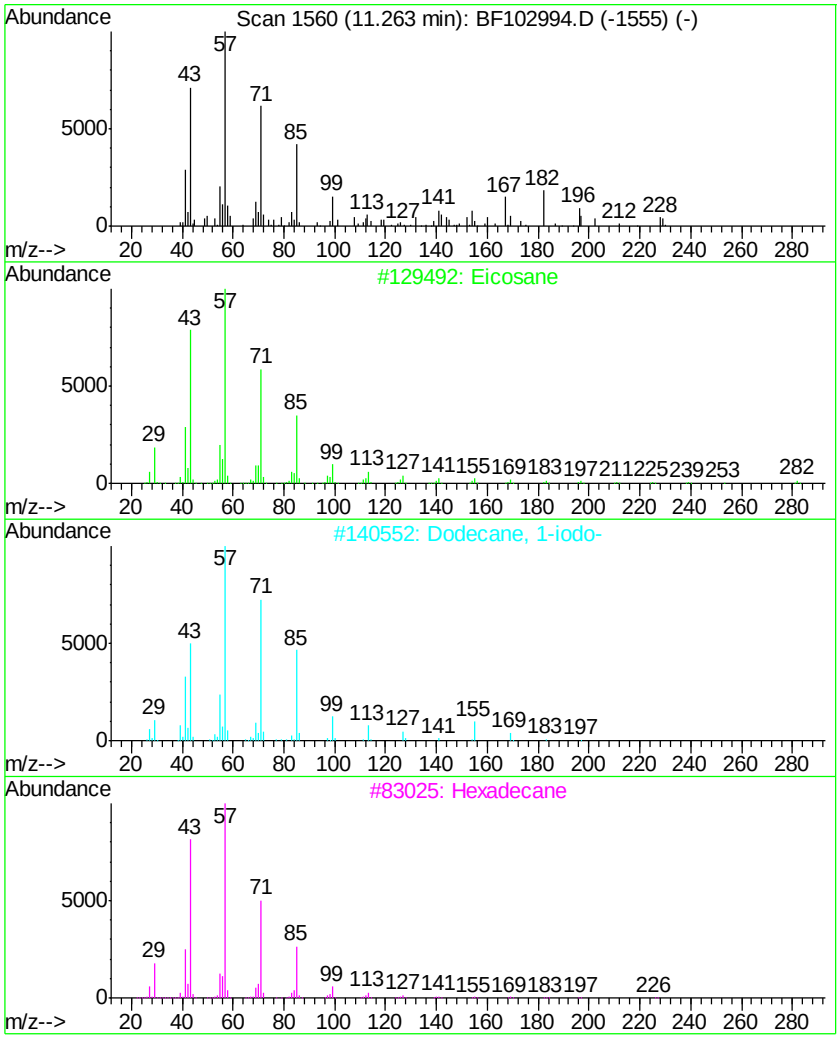
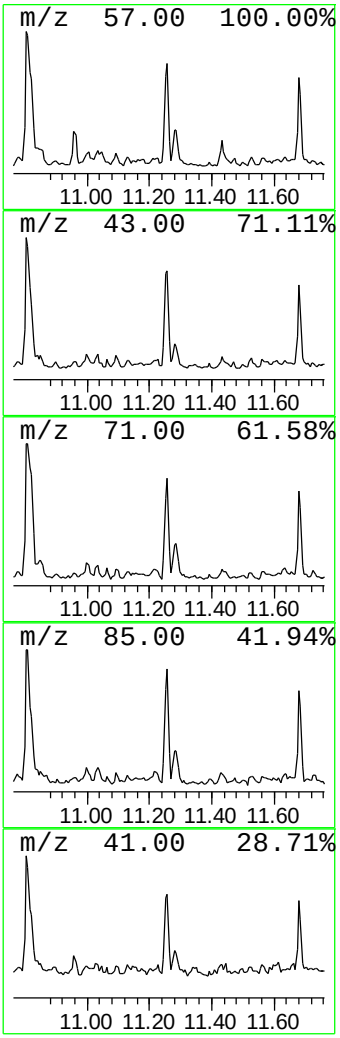
Peak Number 8 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	4.55 ng	210432	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	74
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58





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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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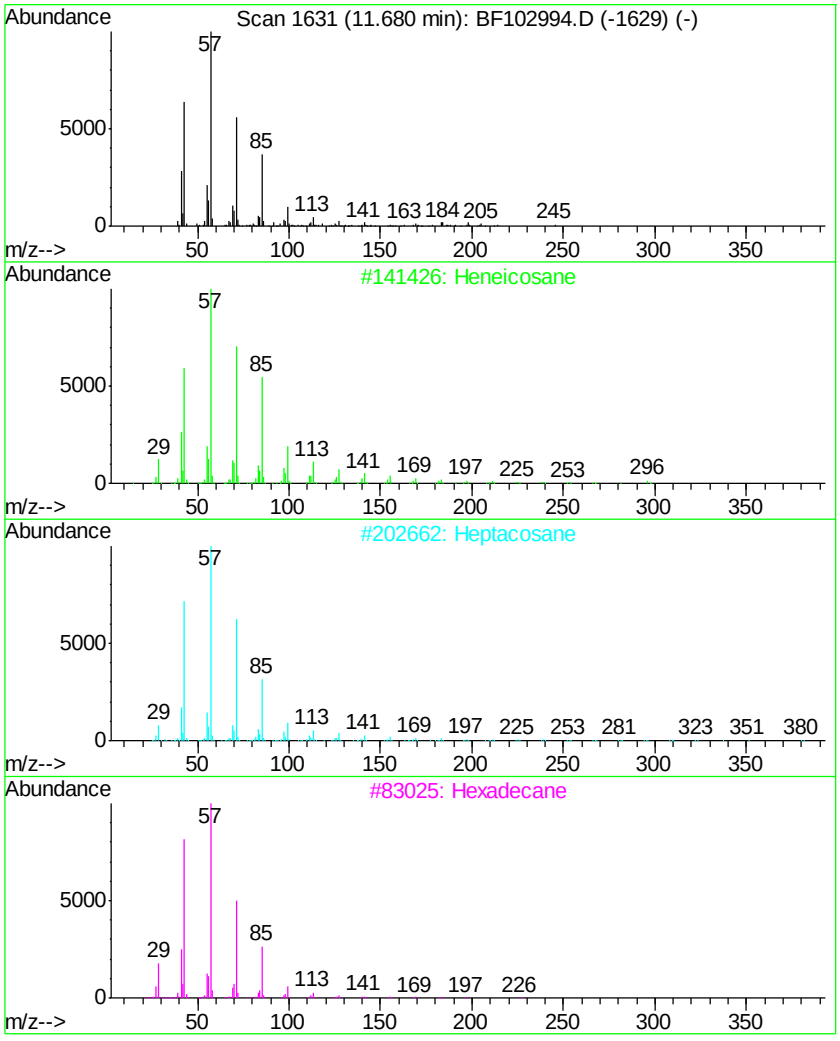
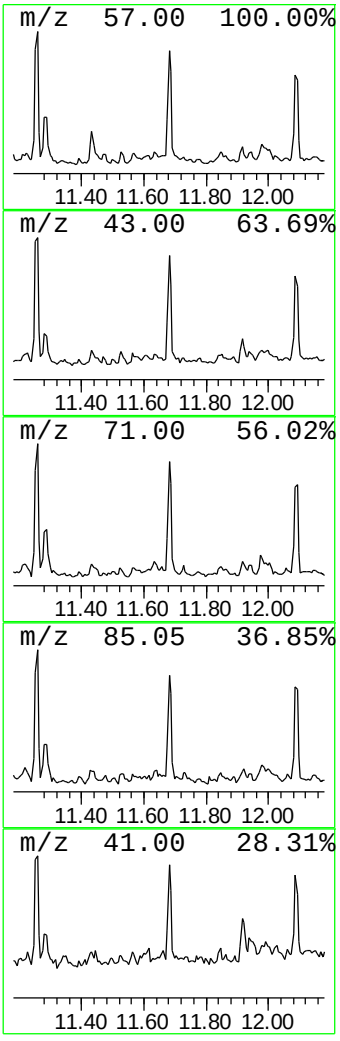
Peak Number 9 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	4.28 ng	197965	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	74
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72





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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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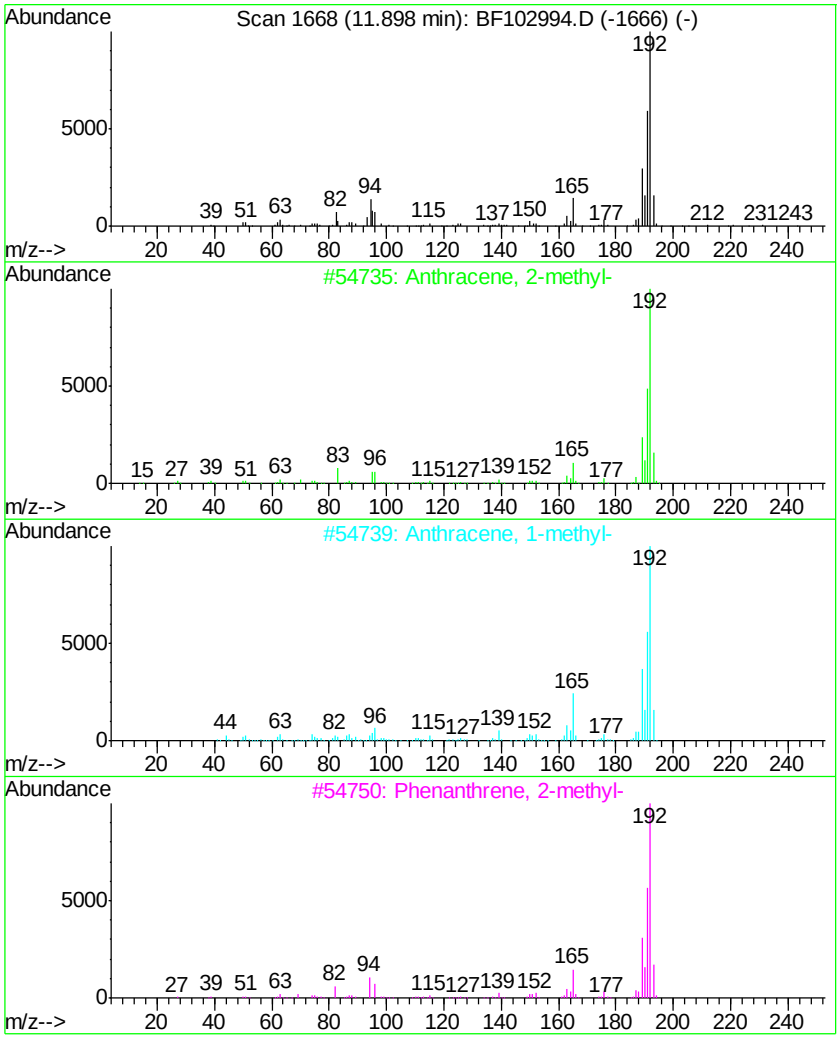
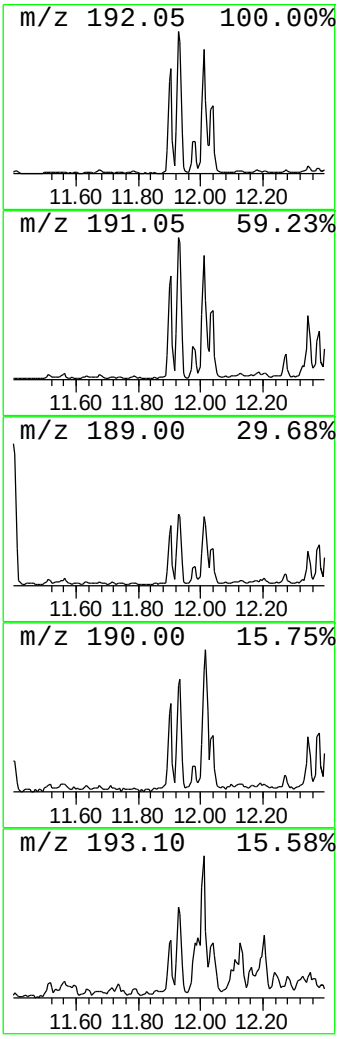
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.20 ng	194640	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	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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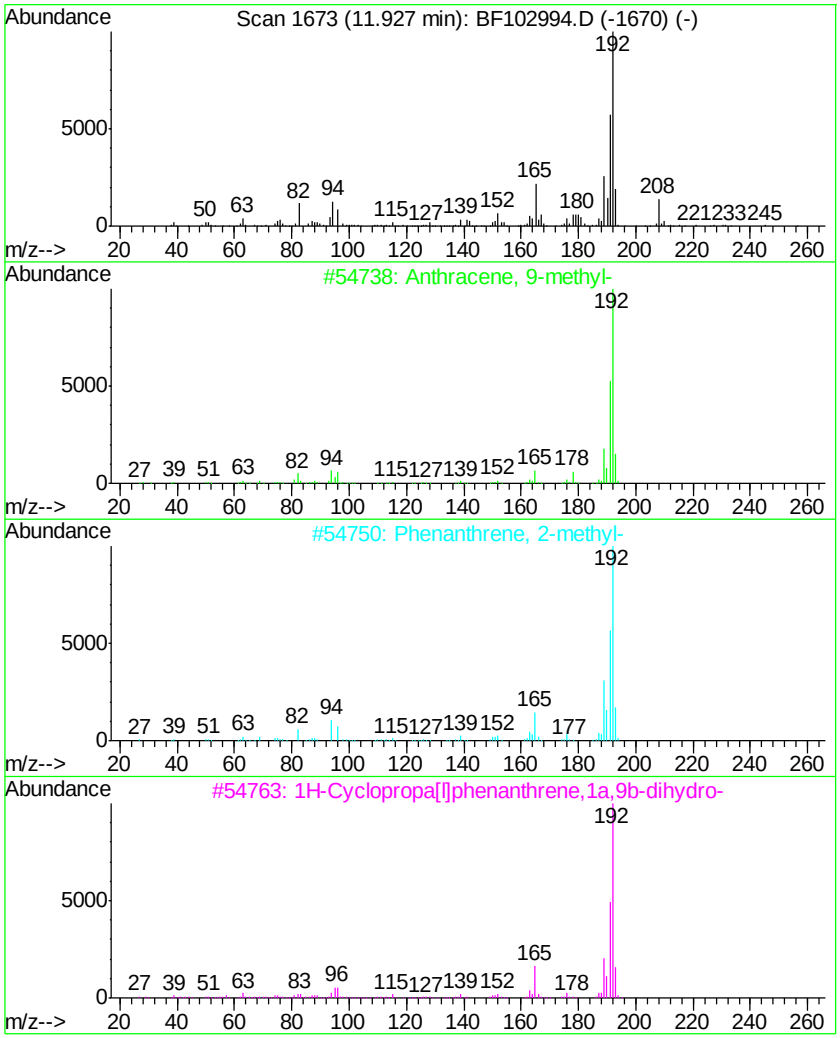
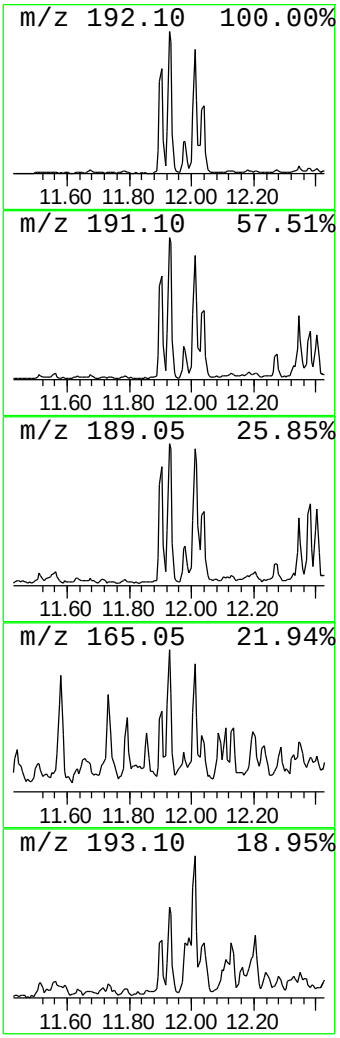
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	9.08 ng	420133	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





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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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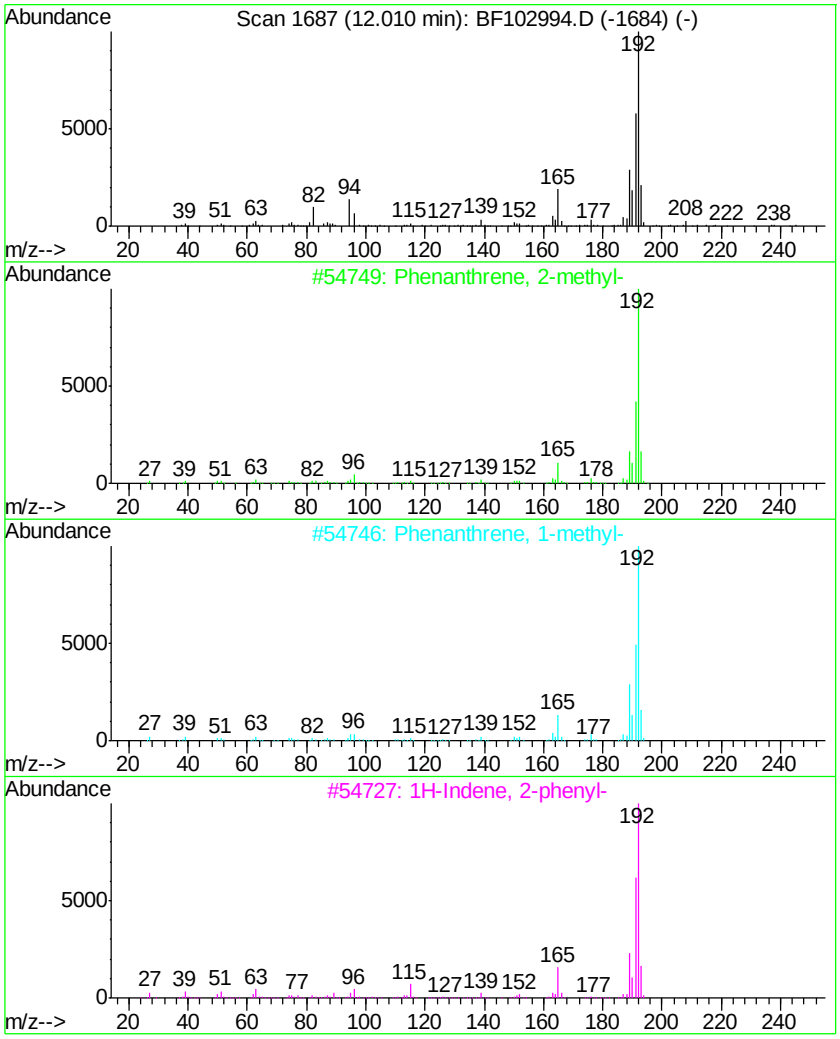
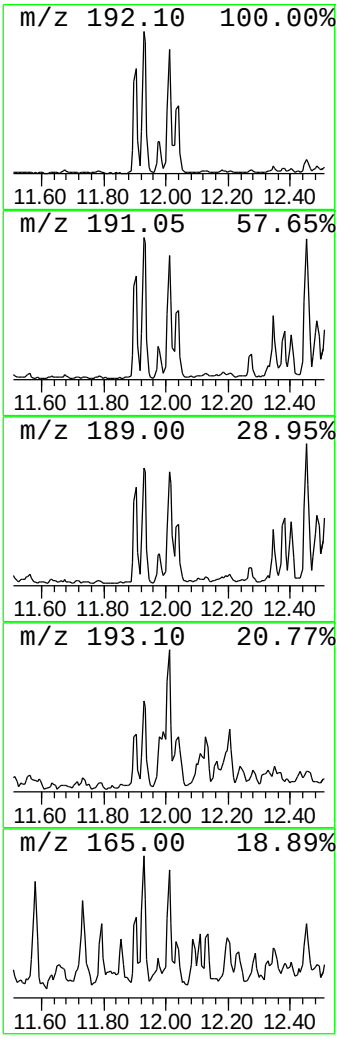
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	7.50 ng	347332	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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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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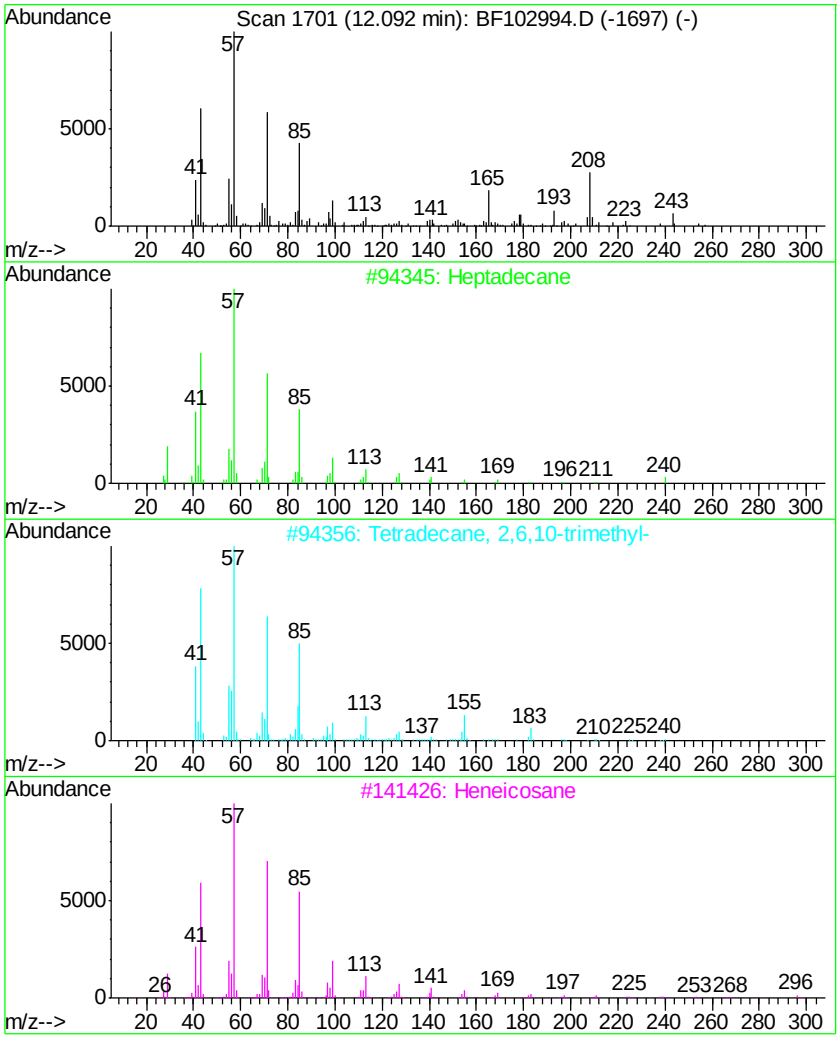
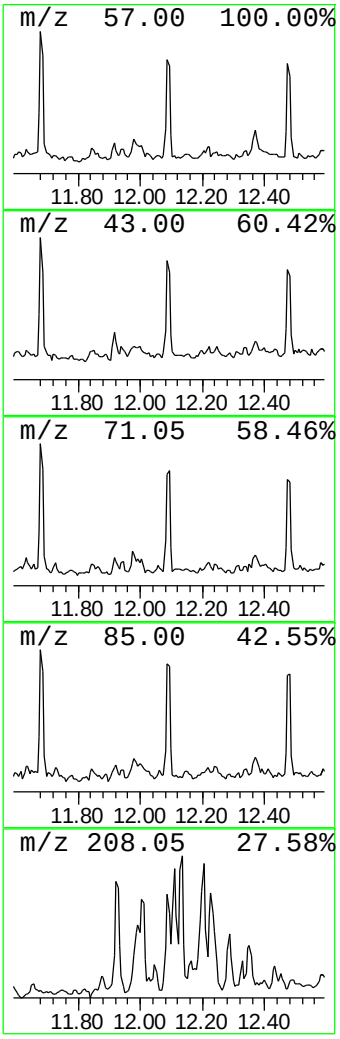
Peak Number 13 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.50 ng	208434	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	58
3	Heneicosane	296	C21H44	000629-94-7	53
4	Nonadecane	268	C19H40	000629-92-5	53
5	Hexadecane	226	C16H34	000544-76-3	52





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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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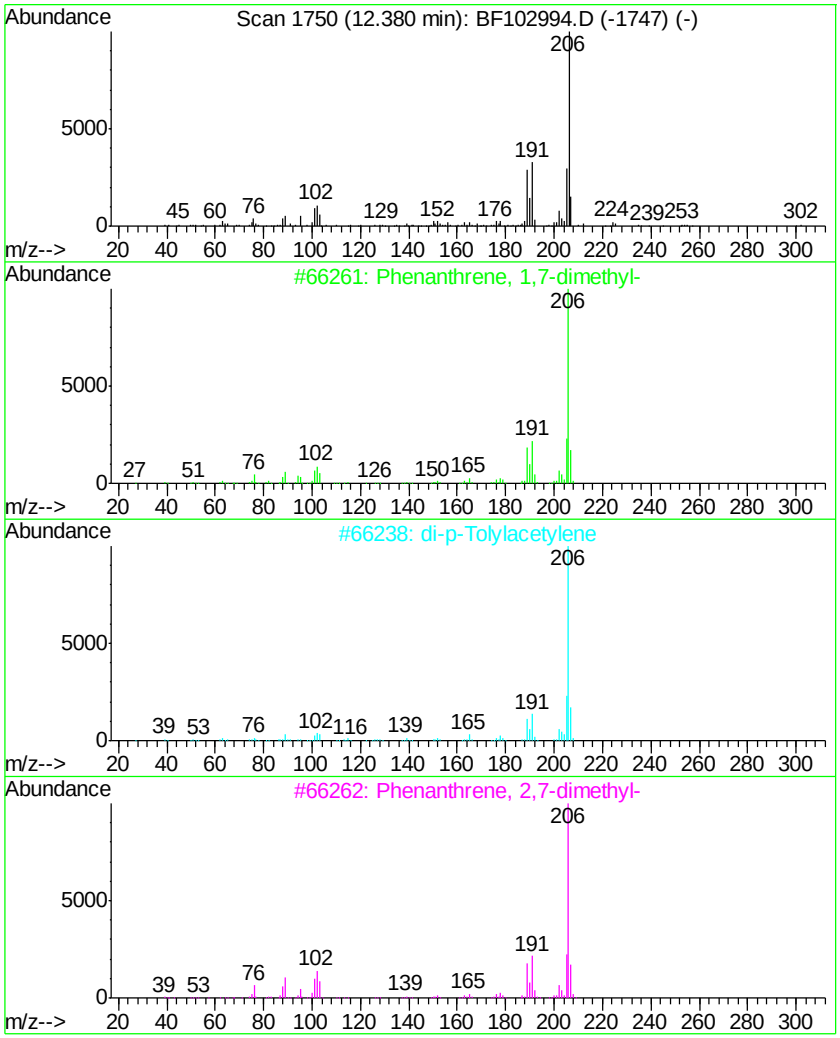
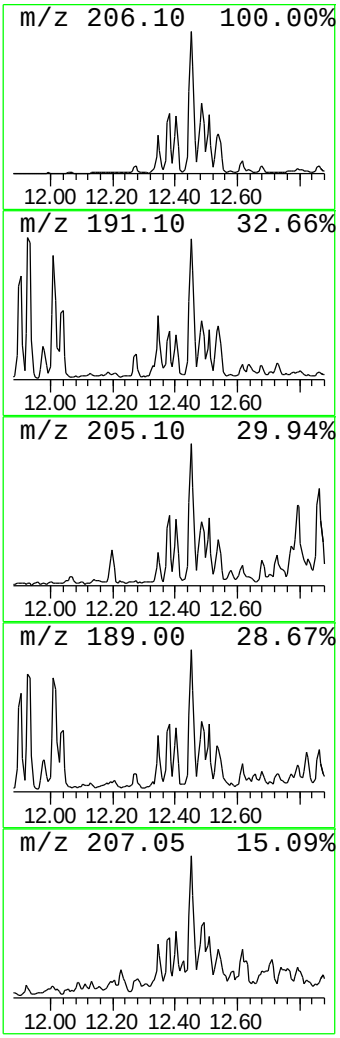
Peak Number 14 Phenanthrene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	4.20 ng	194441	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74





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

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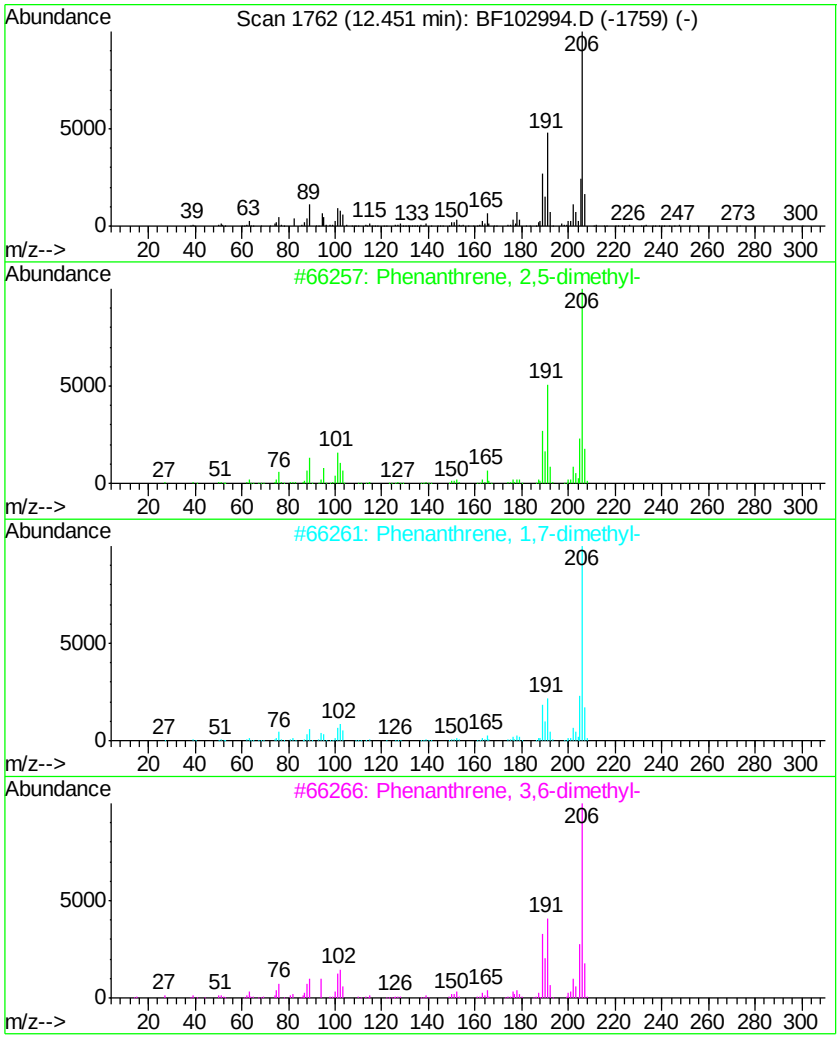
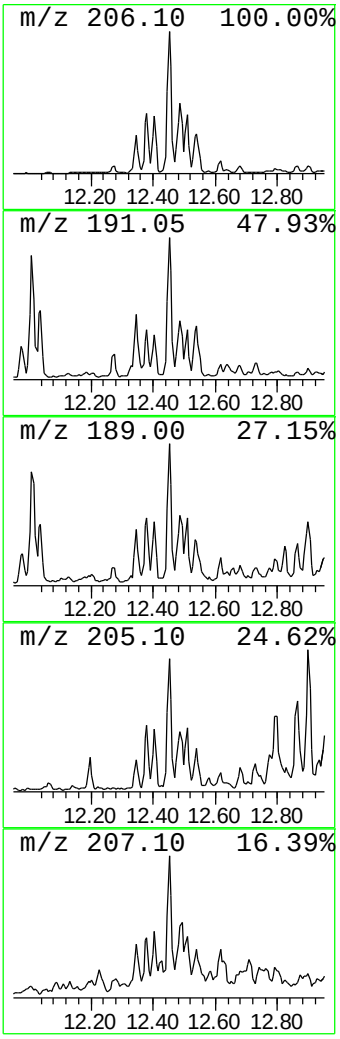
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	9.83 ng	454935	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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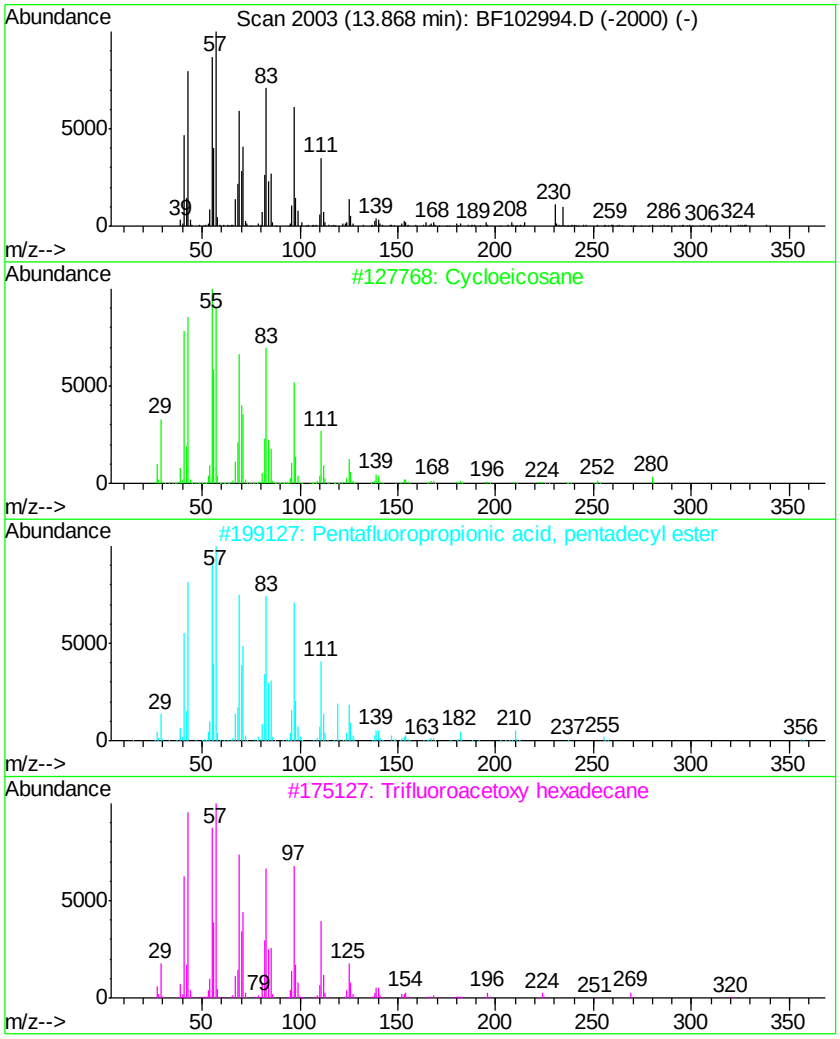
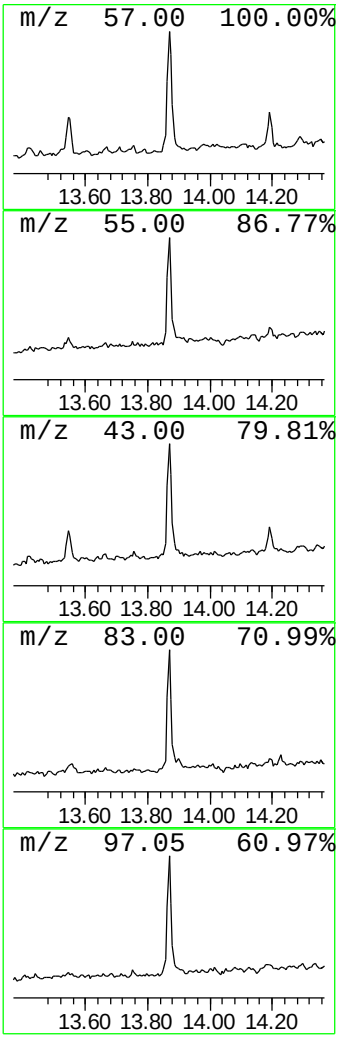
Peak Number 17 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.90 ng	646600	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





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TIC Library : C:\DATABASE\NIST11.L
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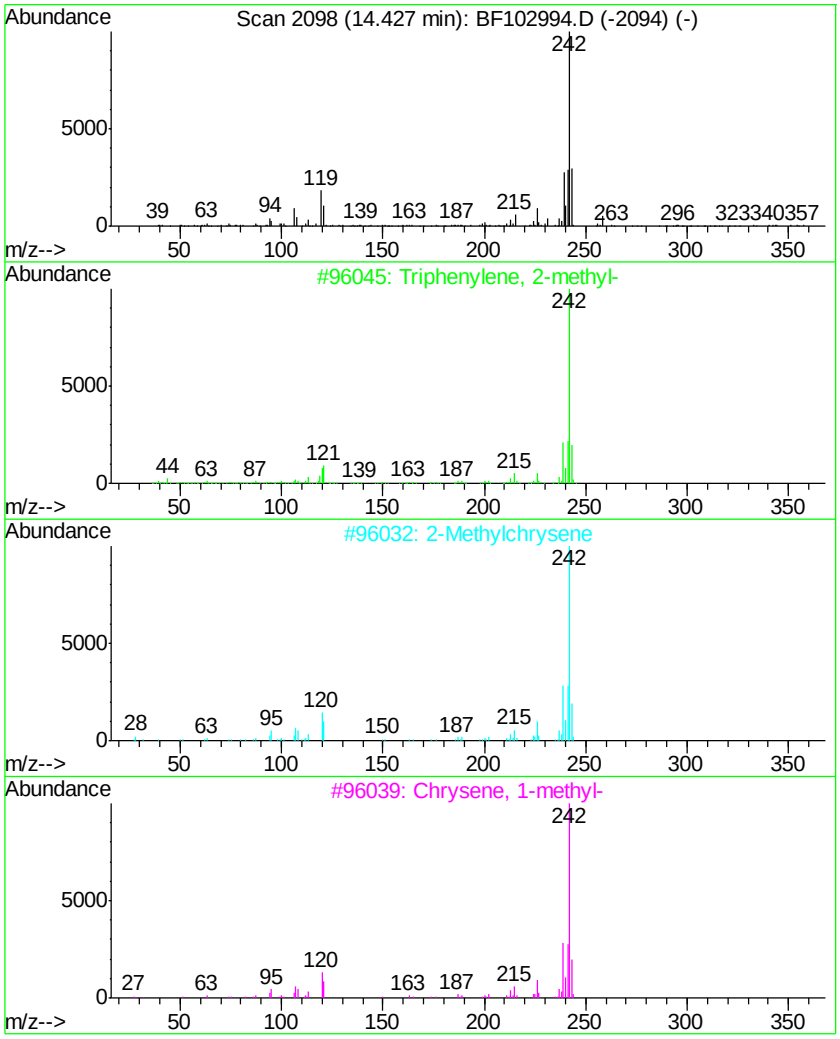
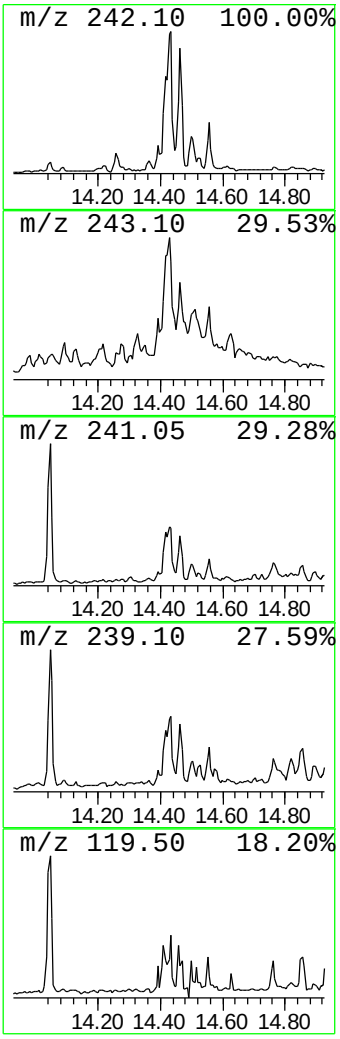
Peak Number 18 Triphenylene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	4.78 ng	312588	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
2	2-Methylchrysene	242	C19H14	003351-32-4	86
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	86
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	83
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	76





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

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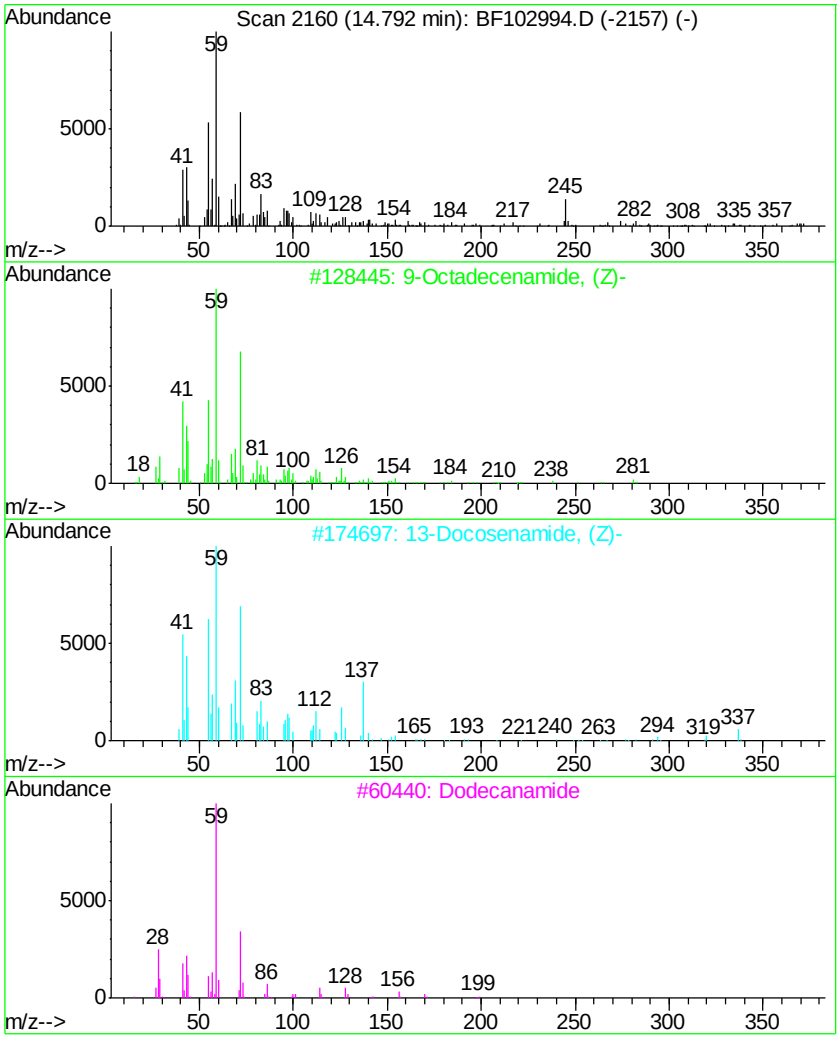
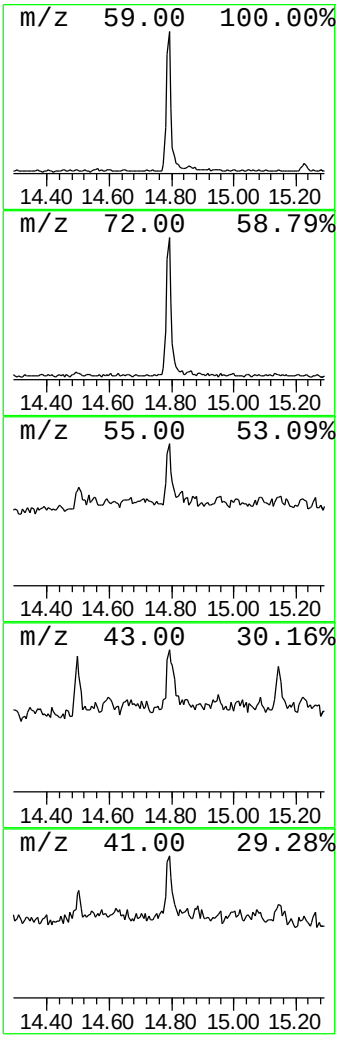
Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.29 ng	155628	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	92
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
3	Dodecanamide	199	C12H25NO	001120-16-7	62
4	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	46
5	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102994.D
Acq On : 14 Feb 2018 17:24
Operator : SJ/JU
Sample : J1539-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-NW-(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

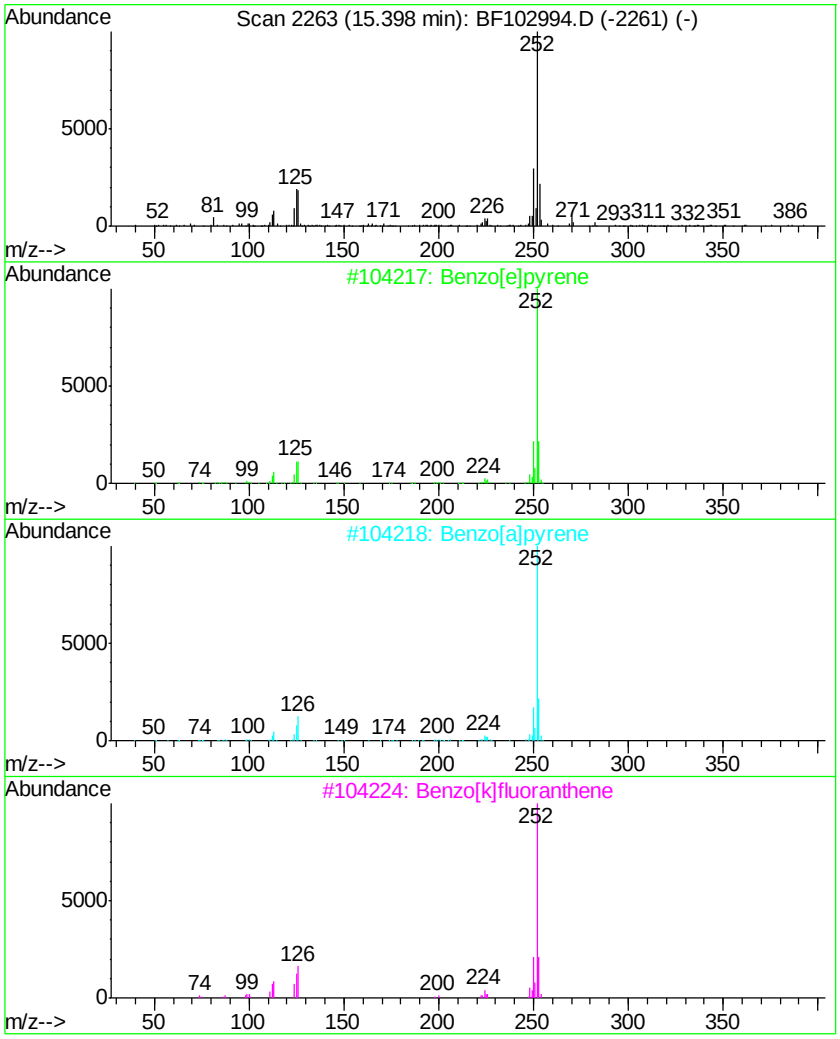
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

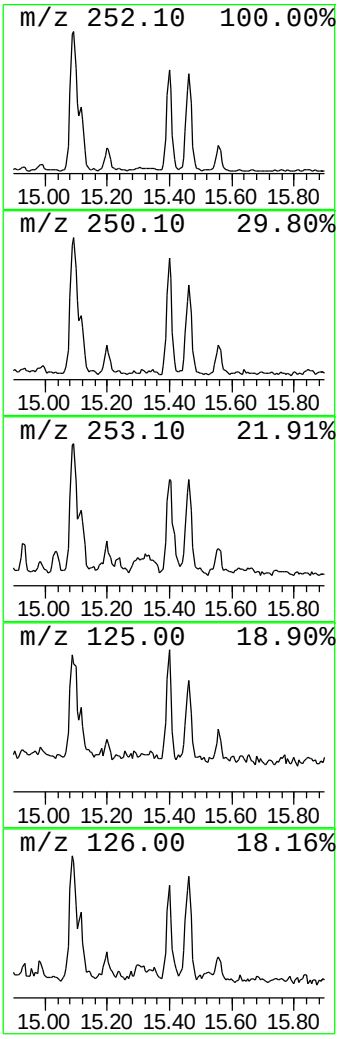
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	5.67 ng	205651	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102994.D
Acq On : 14 Feb 2018 17:24
Operator : SJ/JU
Sample : J1539-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-NW-(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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...	2.16	21.9	ng	1116380	1	6.87	1019990	20.0
2-Hexanol, 2-methyl-	5.11	5.1	ng	261802	1	6.87	1019990	20.0
unknown6.65	6.65	76.0	ng	3873370	1	6.87	1019990	20.0
Hexadecane	9.83	6.1	ng	322783	3	9.91	1058350	20.0
Bacchotricuneatin c	10.33	5.2	ng	274552	3	9.91	1058350	20.0
Tridecane	10.81	6.1	ng	282693	4	11.40	925764	20.0
Eicosane	11.26	4.5	ng	210432	4	11.40	925764	20.0
Heneicosane	11.68	4.3	ng	197965	4	11.40	925764	20.0
Anthracene, 2-met...	11.90	4.2	ng	194640	4	11.40	925764	20.0
Anthracene, 9-met...	11.93	9.1	ng	420133	4	11.40	925764	20.0
Phenanthrene, 2-m...	12.01	7.5	ng	347332	4	11.40	925764	20.0
Heptadecane	12.09	4.5	ng	208434	4	11.40	925764	20.0
Phenanthrene, 1,7...	12.38	4.2	ng	194441	4	11.40	925764	20.0
Phenanthrene, 2,5...	12.45	9.8	ng	454935	4	11.40	925764	20.0
Cycloeicosane	13.87	9.9	ng	646600	5	14.04	1306890	20.0
Triphenylene, 2-m...	14.43	4.8	ng	312588	5	14.04	1306890	20.0
9-Octadecenamide,...	14.79	4.3	ng	155628	6	15.53	725944	20.0
Benzo[e]pyrene	15.40	5.7	ng	205651	6	15.53	725944	20.0