LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094276.D
Acq On : 7 Apr 2017 16:41
Operator : SJ/MA
Sample : I2528-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-3

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-BF032217.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	2.810	149	157	160	rBV	100664	157859	3.12%	0.257%
2	2.899	165	172	176	rBV	97126	132249	2.61%	0.215%
3	3.028	190	194	200	rVB4	69995	136713	2.70%	0.222%
4	3.128	206	211	216	rVB	152492	221158	4.37%	0.360%
5	3.240	222	230	234	rBV3	140601	199421	3.94%	0.324%
6	3.357	242	250	252	rBV	68989	104489	2.06%	0.170%
7	3.504	269	275	279	rBV4	66285	116210	2.30%	0.189%
8	3.587	283	289	296	rBV2	180539	243958	4.82%	0.397%
9	3.846	331	333	338	rVB	86980	96133	1.90%	0.156%
10	3.922	338	346	353	rVB2	288536	469971	9.28%	0.764%
11	3.987	353	357	365	rBV	515144	835423	16.50%	1.359%
12	4.051	365	368	371	rVB3	94926	101491	2.00%	0.165%
13	4.175	385	389	392	rBV2	151460	221167	4.37%	0.360%
14	4.210	392	395	399	rVB3	125362	177529	3.51%	0.289%
15	4.257	399	403	405	rBV	186940	190345	3.76%	0.310%
16	4.357	417	420	421	rVV	165516	191709	3.79%	0.312%
17	4.387	421	425	428	rVB	4096712	4293449	84.80%	6.984%
18	4.451	433	436	438	rVV2	107494	137106	2.71%	0.223%
19	4.493	441	443	446	rVV2	82285	91453	1.81%	0.149%
20	4.534	446	450	455	rVV4	127029	214920	4.25%	0.350%
21	4.604	459	462	465	rVV4	82548	144555	2.86%	0.235%
22	4.634	465	467	471	rVV3	109133	123271	2.43%	0.201%
23	4.769	487	490	492	rBV2	111632	137558	2.72%	0.224%
24	4.834	497	501	504	rBV3	110801	179104	3.54%	0.291%
25	4.922	509	516	520	rBV3	196048	269318	5.32%	0.438%
26	4.975	520	525	528	rBV2	132634	142467	2.81%	0.232%
27	5.022	531	533	536	rVV2	207432	198636	3.92%	0.323%
28	5.228	563	568	574	rBV3	172832	263370	5.20%	0.428%
29	5.293	574	579	582	rVV3	174787	262984	5.19%	0.428%
30	5.328	582	585	587	rVV3	106370	130369	2.58%	0.212%
31	5.357	587	590	594	rVB2	110219	124043	2.45%	0.202%
32	5.398	594	597	600	rBV2	118949	124123	2.45%	0.202%
33	5.463	600	608	612	rVV2	3611139	5062787	100.00%	8.235%
34	5.493	612	613	621	rVB2	136344	143303	2.83%	0.233%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I2528-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-3

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-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.593	625	630	634	rVV	4054712	4782773	94.47%	7.779%
36	5.845	669	673	676	rVV	1170077	1064263	21.02%	1.731%
37	5.881	676	679	682	rVB2	109976	95449	1.89%	0.155%
38	5.916	682	685	690	rBV3	84508	115188	2.28%	0.187%
39	6.028	696	704	706	rBV	3301272	3685124	72.79%	5.994%
40	6.051	706	708	713	rVB	142429	133703	2.64%	0.217%
41	6.140	718	723	726	rBV	161716	182563	3.61%	0.297%
42	6.175	726	729	734	rVB3	70591	105719	2.09%	0.172%
43	6.222	734	737	739	rBV	118695	112486	2.22%	0.183%
44	6.304	747	751	754	rBV3	72563	93294	1.84%	0.152%
45	6.498	772	784	787	rBV	2668370	3356713	66.30%	5.460%
46	6.751	822	827	829	rVB	114863	111393	2.20%	0.181%
47	6.934	853	858	860	rVV3	64313	94136	1.86%	0.153%
48	7.063	872	880	883	rBV2	446580	592039	11.69%	0.963%
49	7.345	924	928	931	rBV	1492659	1365758	26.98%	2.221%
50	8.675	1146	1154	1157	rVB	4291874	4704412	92.92%	7.652%
51	9.169	1230	1238	1241	rBV	445516	484417	9.57%	0.788%
52	9.310	1258	1262	1268	rVB	195006	195195	3.86%	0.317%
53	9.486	1285	1292	1295	rBV2	1393432	1451873	28.68%	2.362%
54	9.522	1295	1298	1301	rVB	222666	186785	3.69%	0.304%
55	9.733	1331	1334	1340	rVB3	104960	152869	3.02%	0.249%
56	9.798	1340	1345	1348	rBV3	73916	88900	1.76%	0.145%
57	10.157	1403	1406	1410	rVB	239744	218655	4.32%	0.356%
58	10.357	1436	1440	1443	rBV2	86278	94538	1.87%	0.154%
59	10.463	1448	1458	1461	rBV	2242773	2674757	52.83%	4.351%
60	10.663	1489	1492	1494	rBV	108907	109032	2.15%	0.177%
61	10.833	1516	1521	1525	rBV4	68741	113535	2.24%	0.185%
62	11.069	1557	1561	1569	rVB6	56426	104771	2.07%	0.170%
63	11.175	1576	1579	1582	rVB	113586	112974	2.23%	0.184%
64	11.216	1583	1586	1589	rVB	89107	90094	1.78%	0.147%
65	11.310	1597	1602	1604	rBV	1127070	1205134	23.80%	1.960%
66	11.333	1604	1606	1610	rVB	1176411	1170026	23.11%	1.903%
67	11.398	1613	1617	1621	rVB	334428	324548	6.41%	0.528%
68	11.604	1648	1652	1656	rBV	114286	132739	2.62%	0.216%
69	11.716	1668	1671	1674	rVV2	95393	93420	1.85%	0.152%
70	11.933	1700	1708	1710	rBV	273270	319528	6.31%	0.520%
71	11.963	1710	1713	1719	rVB	330516	346259	6.84%	0.563%

LSC Area Percent Report

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Sample : I2528-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-3

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:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.022	1719	1723	1726	rBV	91937	125881	2.49%	0.205%
73	12.063	1726	1730	1733	rVV	573714	648562	12.81%	1.055%
74	12.092	1733	1735	1743	rVB	226546	209966	4.15%	0.342%
75	12.304	1767	1771	1772	rBV2	151392	169697	3.35%	0.276%
76	12.321	1772	1774	1784	rVB2	179078	214473	4.24%	0.349%
77	12.616	1818	1824	1827	rBV	233659	334448	6.61%	0.544%
78	12.651	1827	1830	1833	rBV2	127258	137623	2.72%	0.224%
79	12.727	1840	1843	1847	rVB3	117654	151825	3.00%	0.247%
80	12.804	1851	1856	1859	rVV	1635143	1710550	33.79%	2.782%
81	12.880	1865	1869	1872	rVB2	195151	211058	4.17%	0.343%
82	12.974	1882	1885	1888	rBV2	108208	116092	2.29%	0.189%
83	13.074	1897	1902	1906	rVB	1458728	1729895	34.17%	2.814%
84	13.292	1932	1939	1942	rBV	2694135	3113502	61.50%	5.064%
85	13.363	1947	1951	1954	rVB	114527	147172	2.91%	0.239%
86	13.468	1964	1969	1970	rBV3	97468	153924	3.04%	0.250%
87	13.492	1970	1973	1977	rVB	300915	322871	6.38%	0.525%
88	13.574	1983	1987	1990	rBV2	245776	253855	5.01%	0.413%
89	13.616	1991	1994	2004	rVB2	237762	341466	6.74%	0.555%
90	13.727	2010	2013	2016	rVB	171282	161137	3.18%	0.262%
91	13.763	2016	2019	2026	rBV	122960	154136	3.04%	0.251%
92	14.245	2098	2101	2104	rBV2	152510	182218	3.60%	0.296%
93	14.451	2133	2136	2145	rVB3	216244	333840	6.59%	0.543%
94	14.563	2149	2155	2158	rVV2	916269	1556789	30.75%	2.532%
95	14.592	2158	2160	2163	rVB	565211	484839	9.58%	0.789%
96	15.786	2359	2363	2366	rBV	519814	766635	15.14%	1.247%
97	16.074	2409	2412	2415	rBV	369879	348246	6.88%	0.566%
98	16.133	2418	2422	2425	rVB	457736	478712	9.46%	0.779%
99	16.192	2429	2432	2435	rVV	605808	626217	12.37%	1.019%
100	17.515	2653	2657	2664	rVB2	219356	390043	7.70%	0.634%

Sum of corrected areas: 61479375

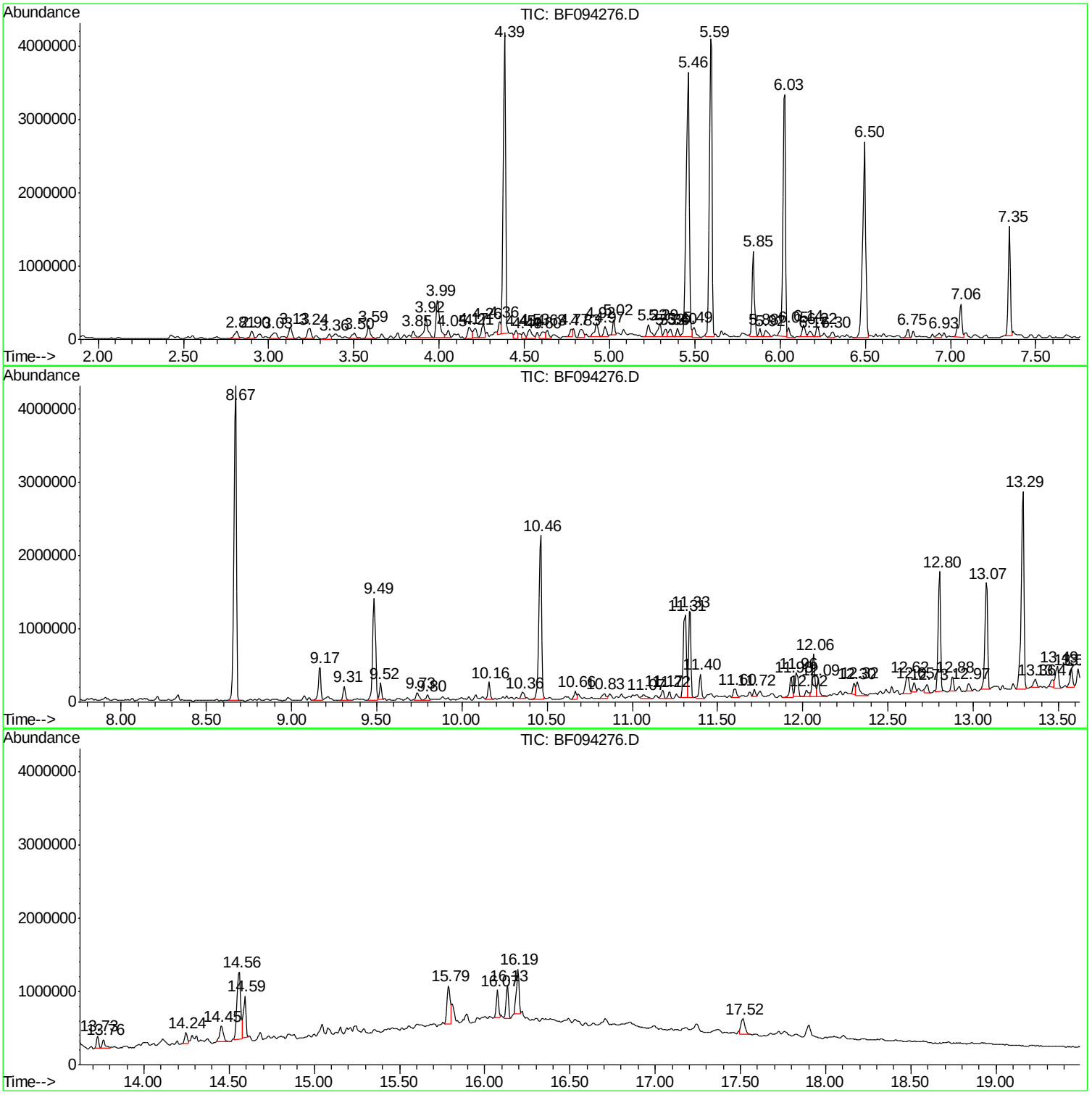
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094276.D
Acq On : 7 Apr 2017 16:41
Operator : SJ/MA
Sample : I2528-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
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Sample : I2528-02
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

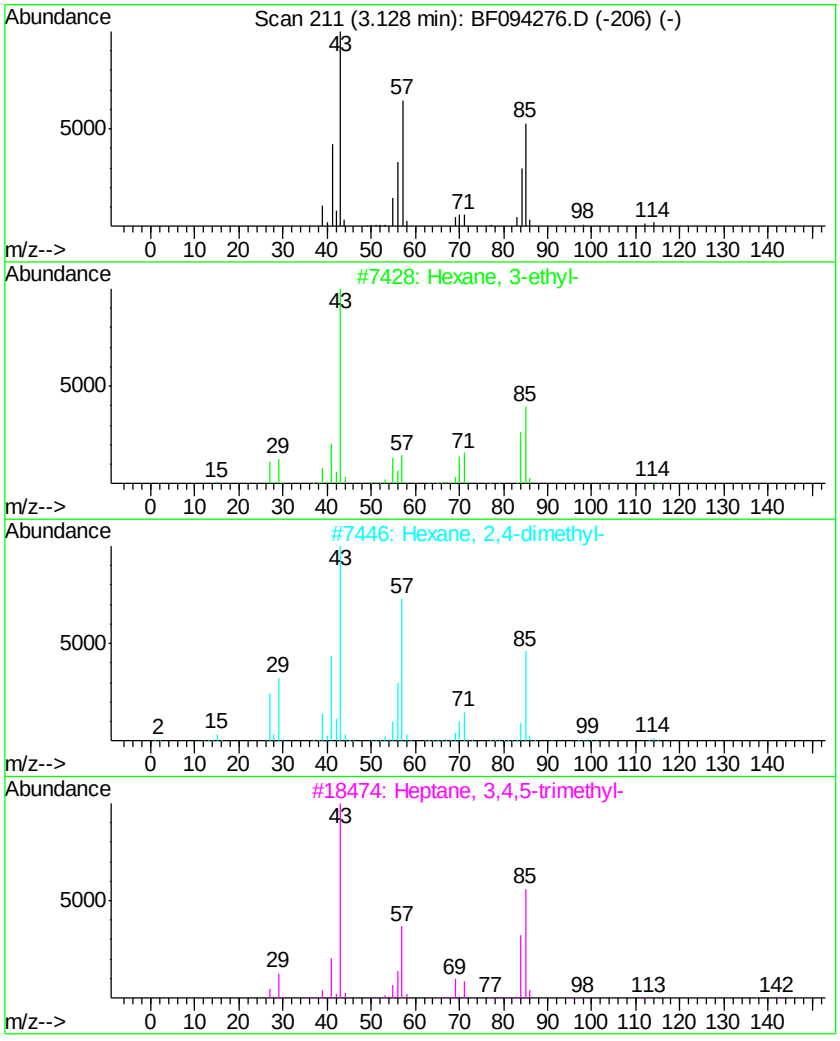
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

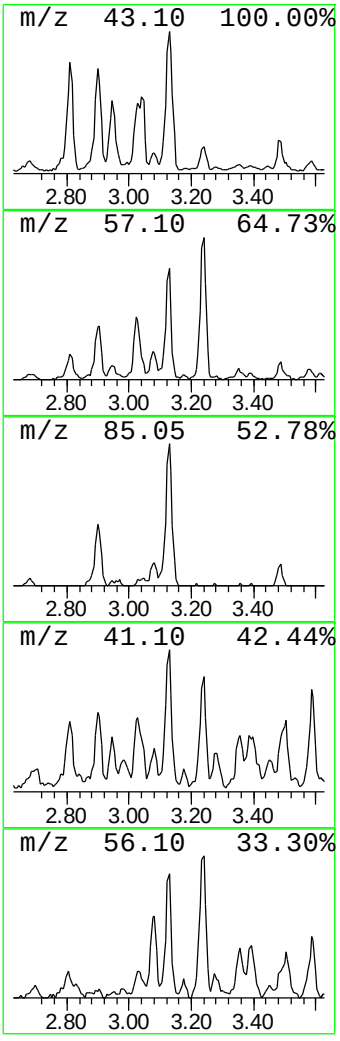
****

Peak Number 1 Hexane, 3-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	4.16 ng	221158	1,4-Dichlorobenzene-d4	5.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	64





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Data File : BF094276.D
Acq On : 7 Apr 2017 16:41
Operator : SJ/MA
Sample : I2528-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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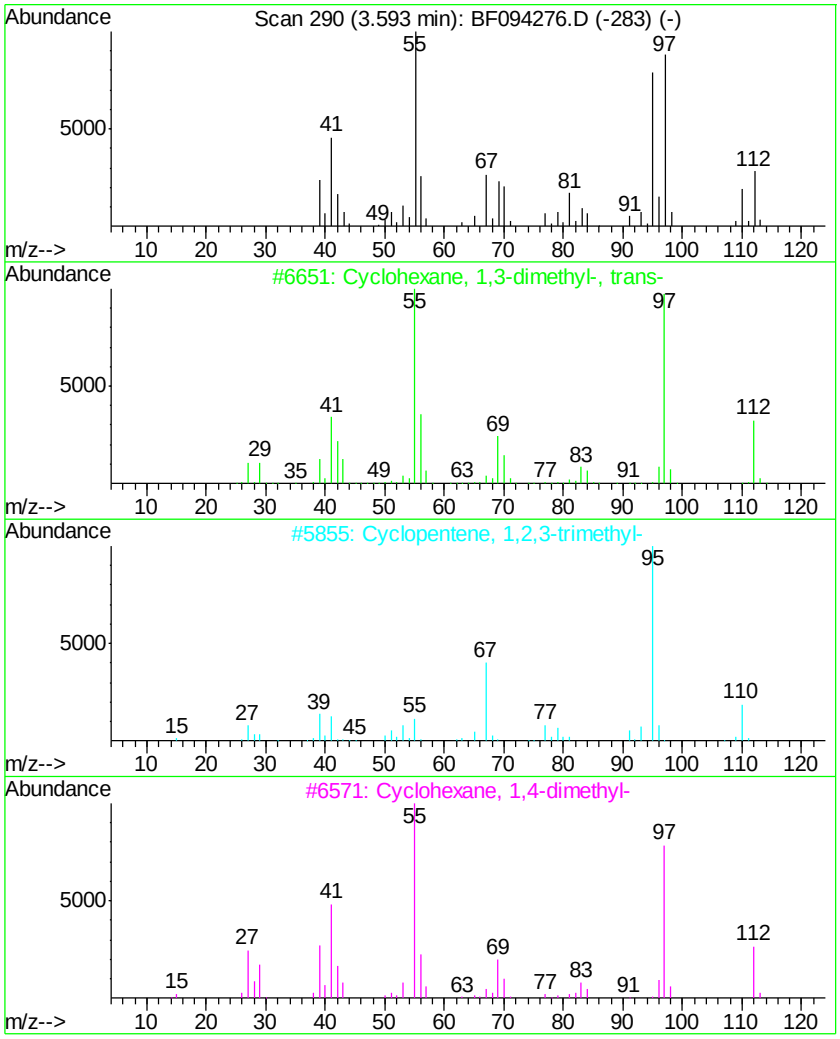
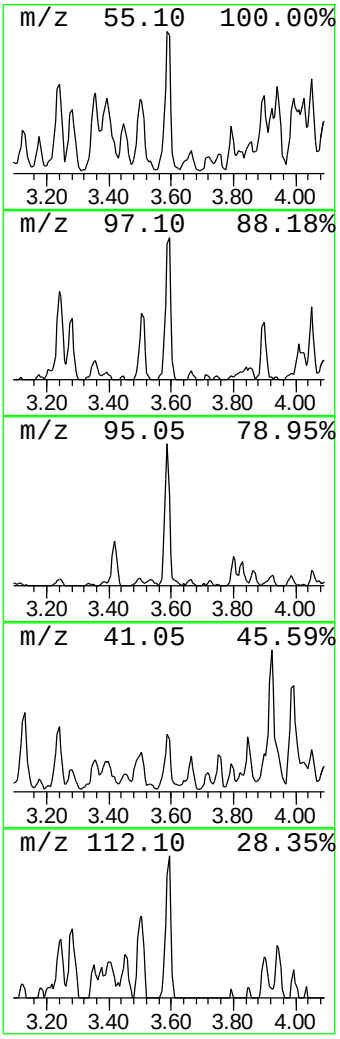
****

Peak Number 2 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	4.58 ng	243958	1,4-Dichlorobenzene-d4	5.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	46
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	46
4	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	46
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	46





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Instrument : BNA_F
ClientSampleId : TS-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

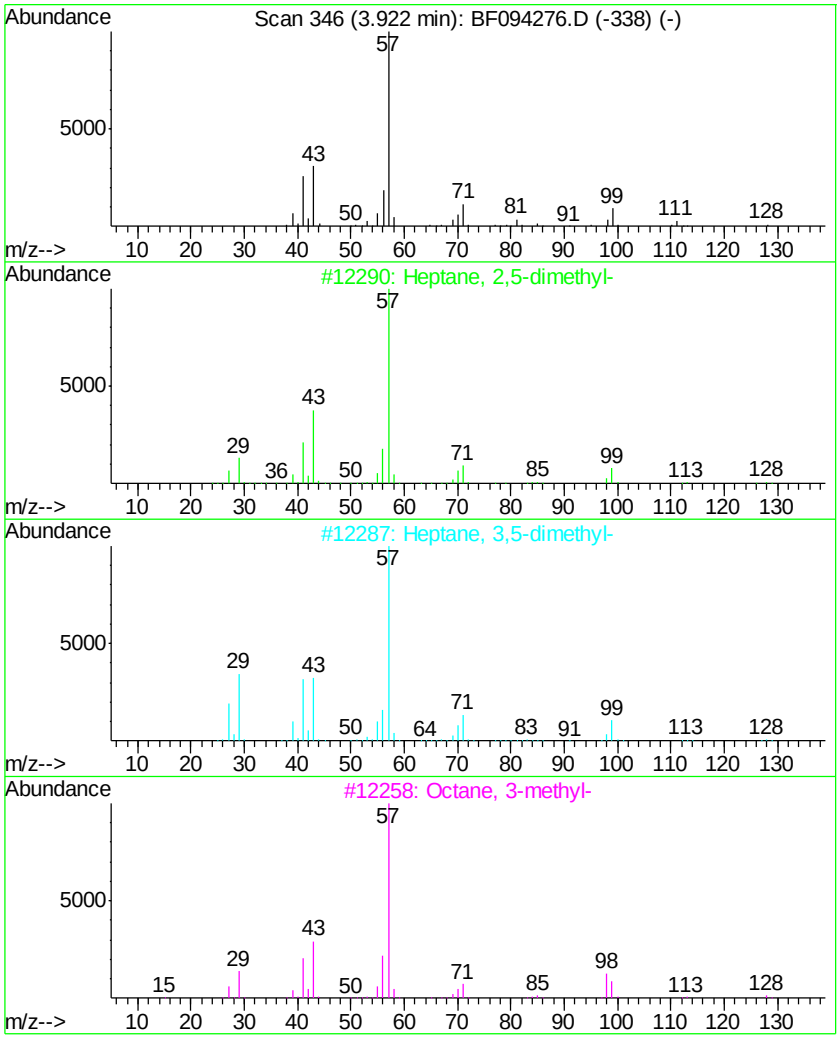
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

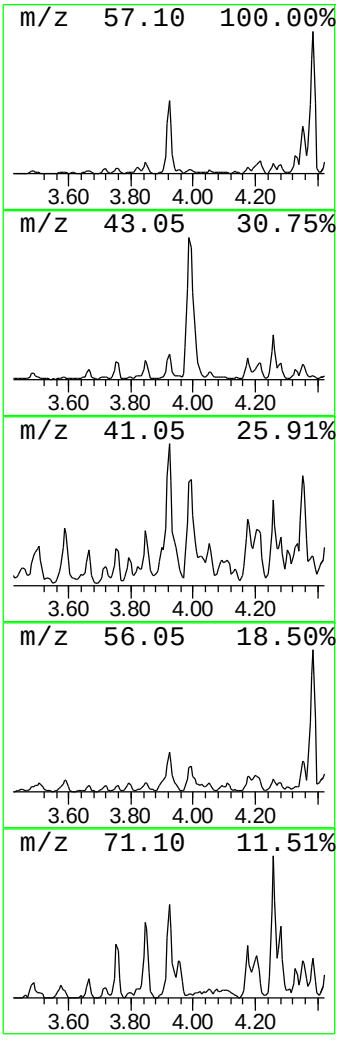
****

Peak Number 3 Heptane, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	8.83 ng	469971	1,4-Dichlorobenzene-d4	5.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81
3	Octane, 3-methyl-	128	C9H20	002216-33-3	58
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	50
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
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Acq On : 7 Apr 2017 16:41
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

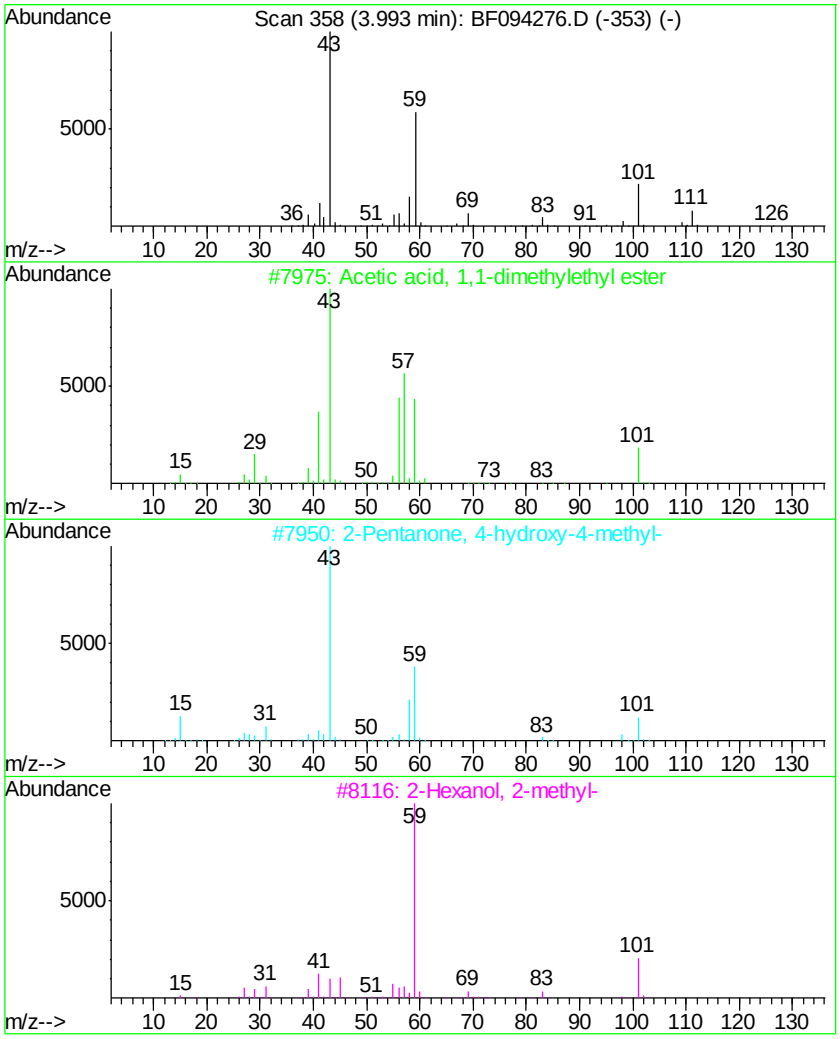
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

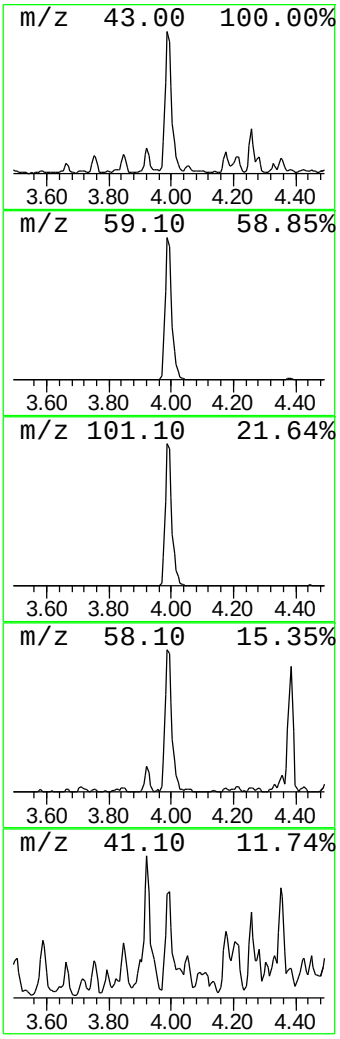
****

Peak Number 4 unknown3.99 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	15.70 ng	835423	1,4-Dichlorobenzene-d4	5.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	25
5	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	17





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Sample : I2528-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

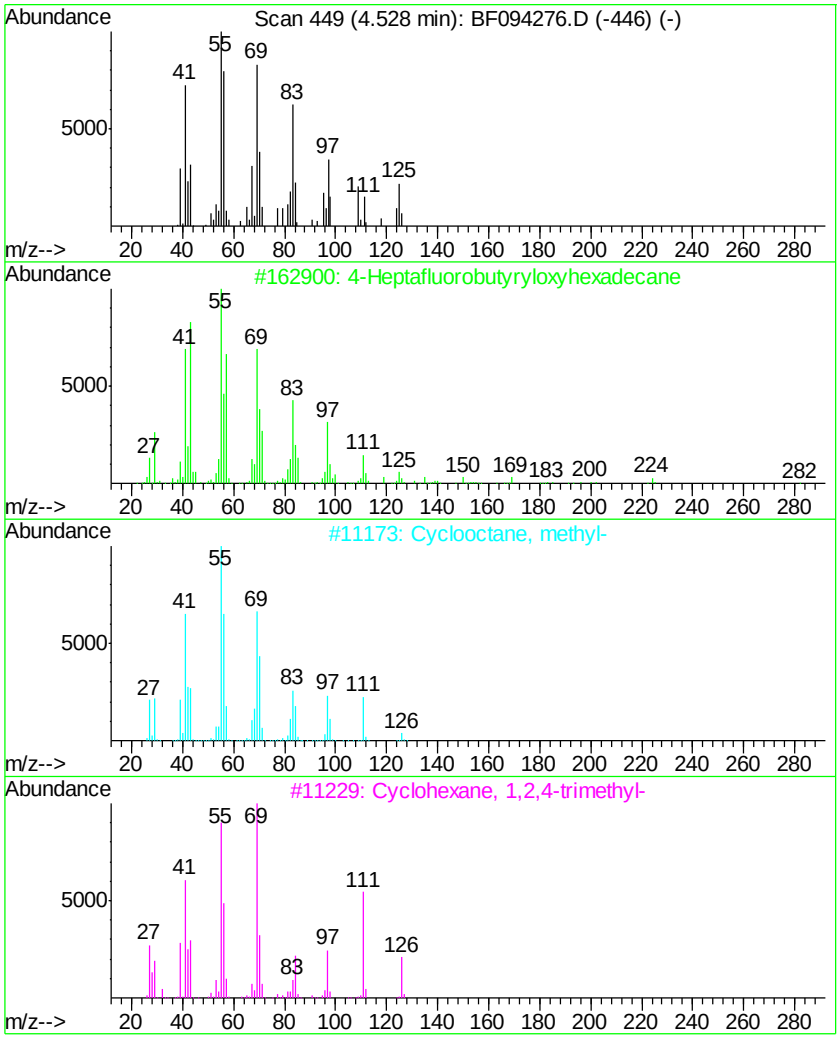
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

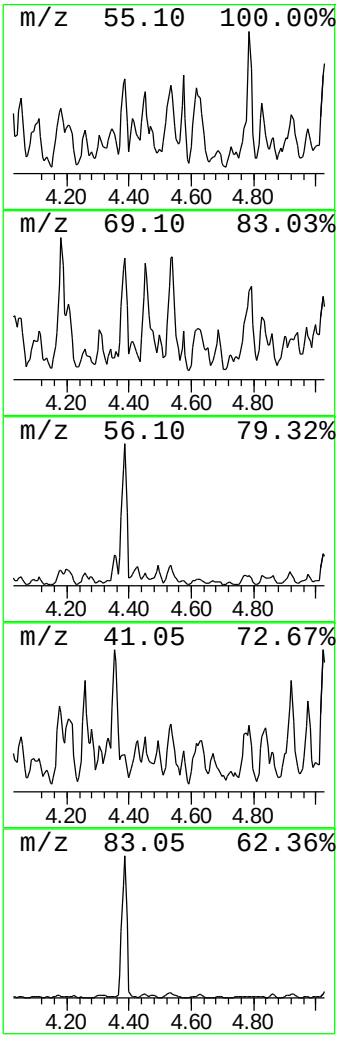
****

Peak Number 6 4-Heptafluorobutyryloxyhexa... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	4.04 ng	214920	1,4-Dichlorobenzene-d4	5.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	80
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	72
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	62
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	58
5	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	55





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Operator : SJ/MA
Sample : I2528-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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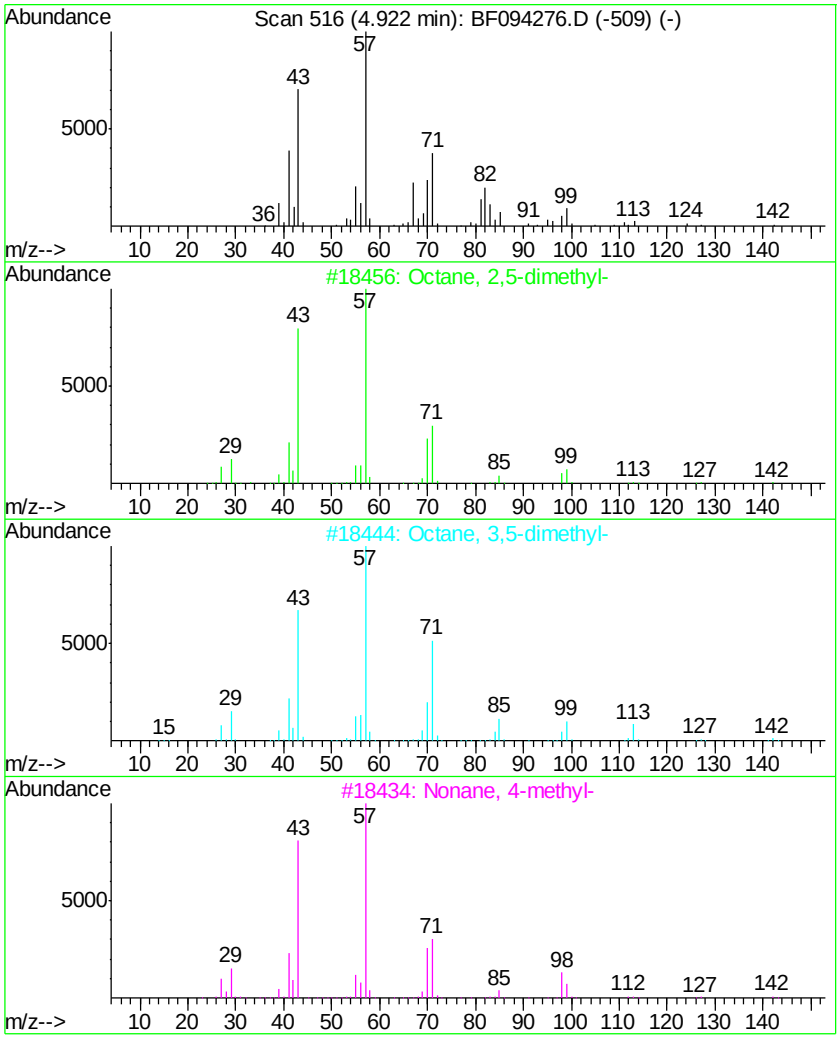
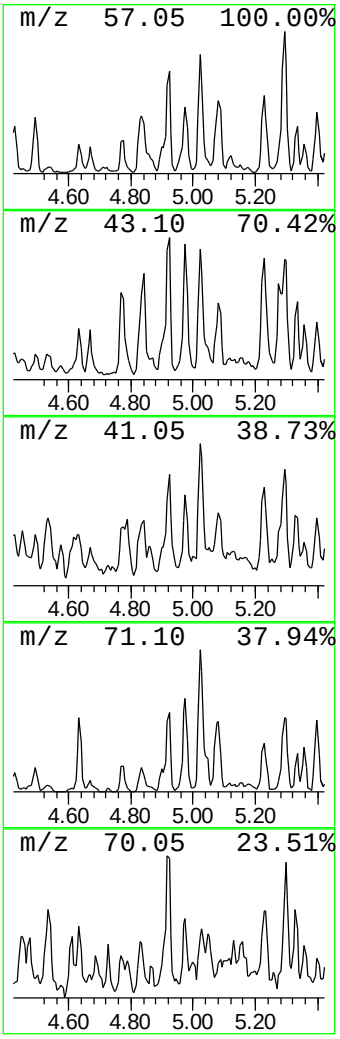
Peak Number 7 Octane, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	5.06 ng	269318	1,4-Dichlorobenzene-d4	5.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	60
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	49
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	43
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43





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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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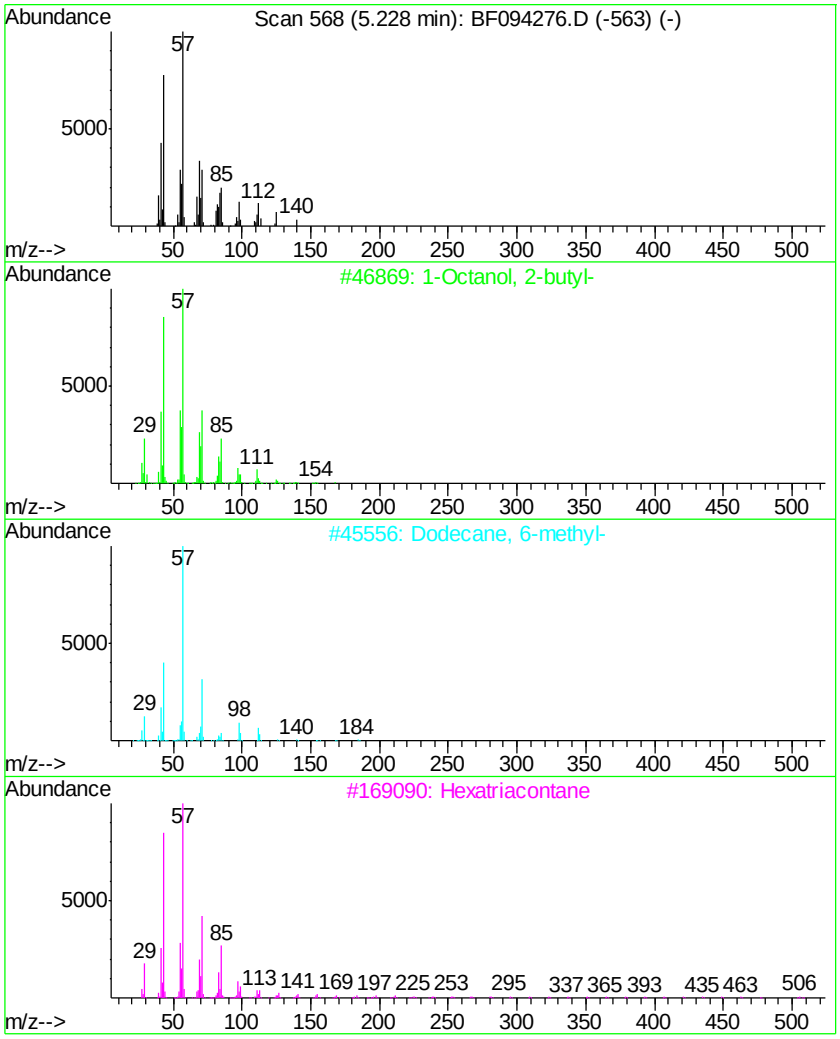
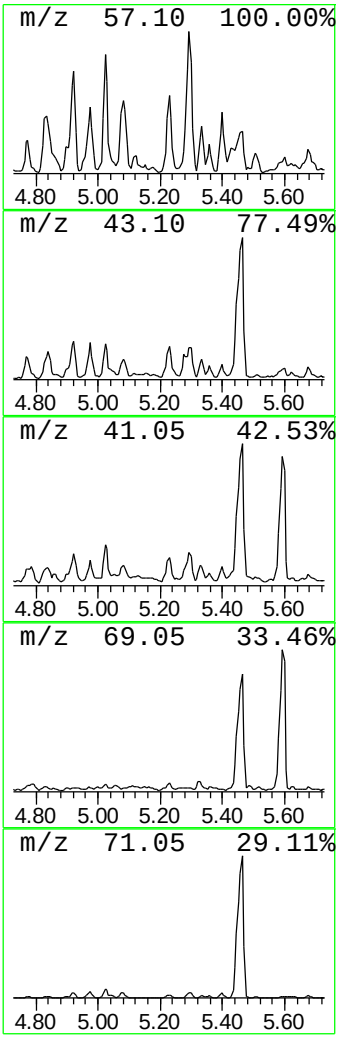
Peak Number 8 1-Octanol, 2-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	4.95 ng	263370	1,4-Dichlorobenzene-d4	5.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
3	Hexatriacontane	507	C36H74	000630-06-8	47
4	Decane	142	C10H22	000124-18-5	47
5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47





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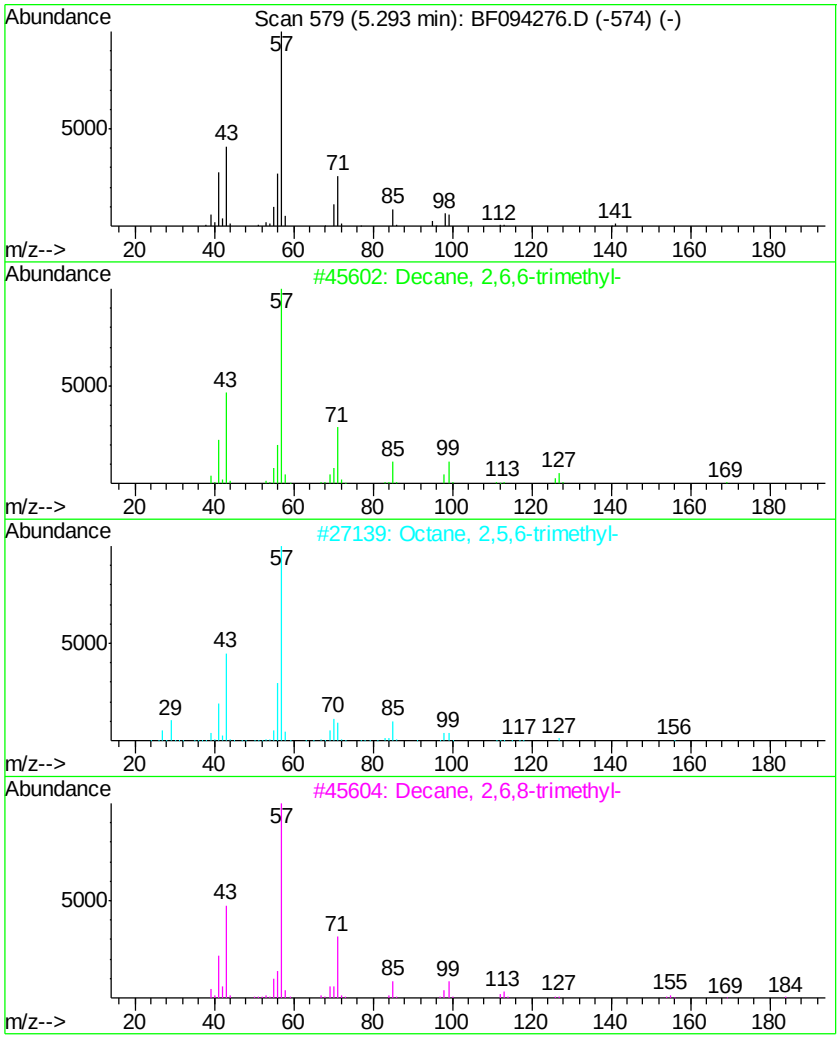
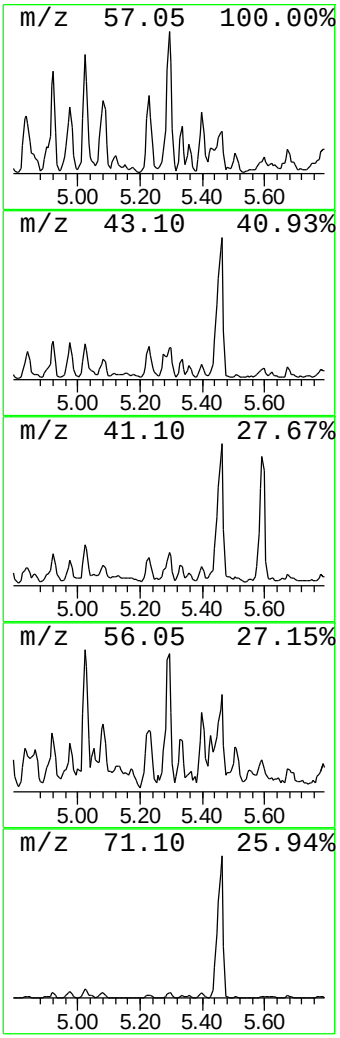
Peak Number 9 Decane, 2,6,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	4.94 ng	262984	1,4-Dichlorobenzene-d4	5.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	64
2	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	53





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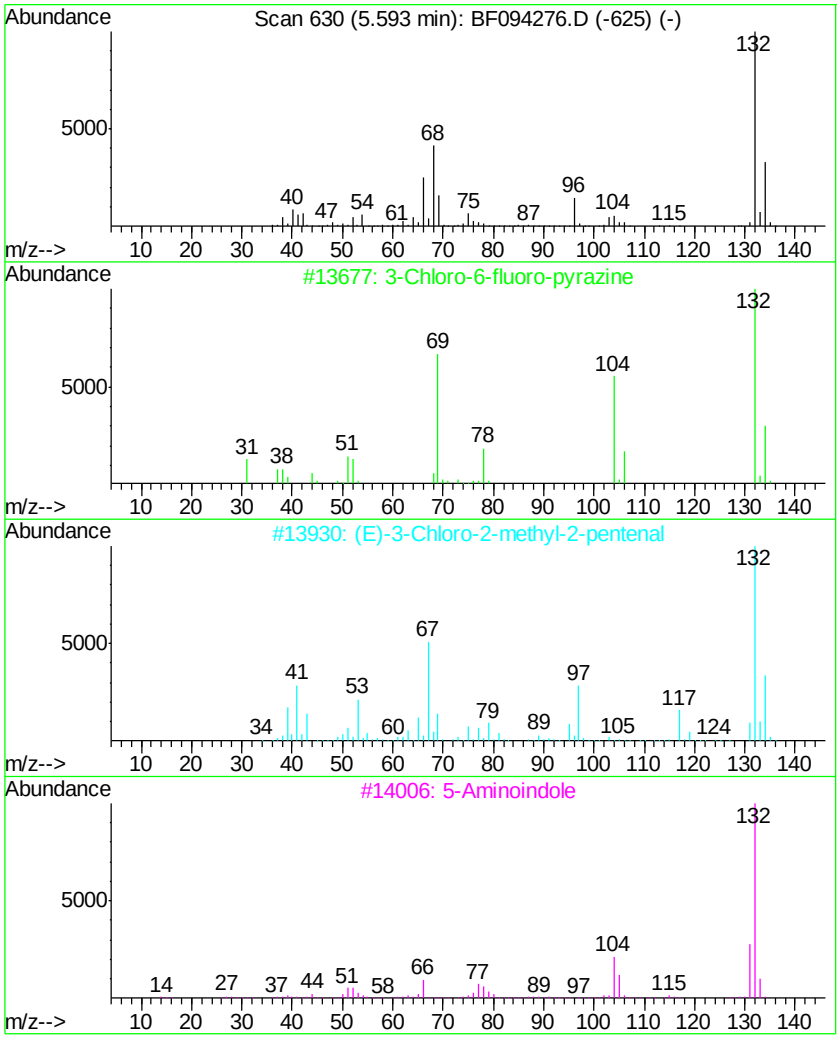
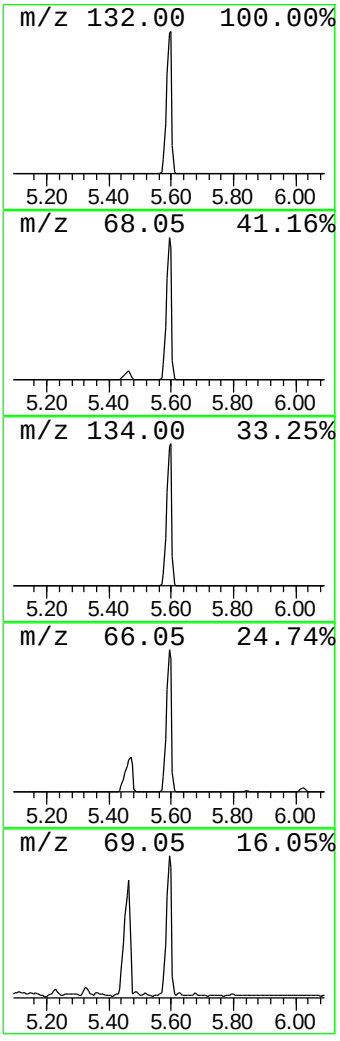
Peak Number 10 unknown5.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	89.88 ng	4782770	1,4-Dichlorobenzene-d4	5.85

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	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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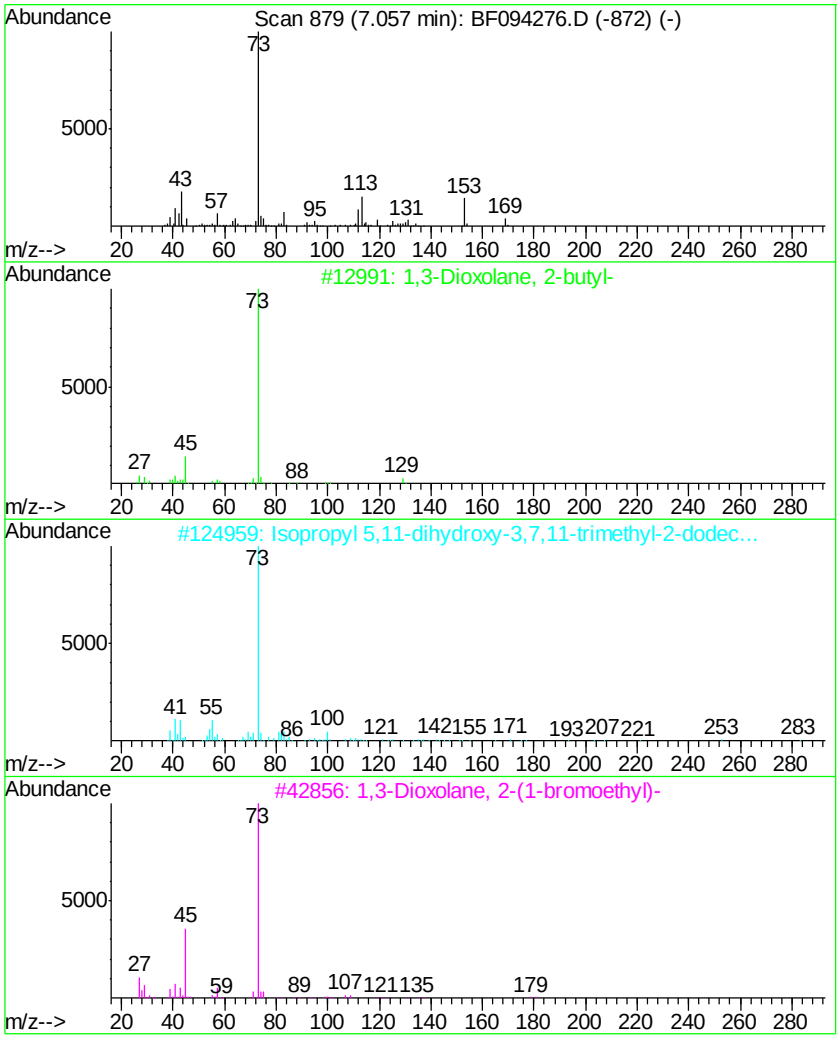
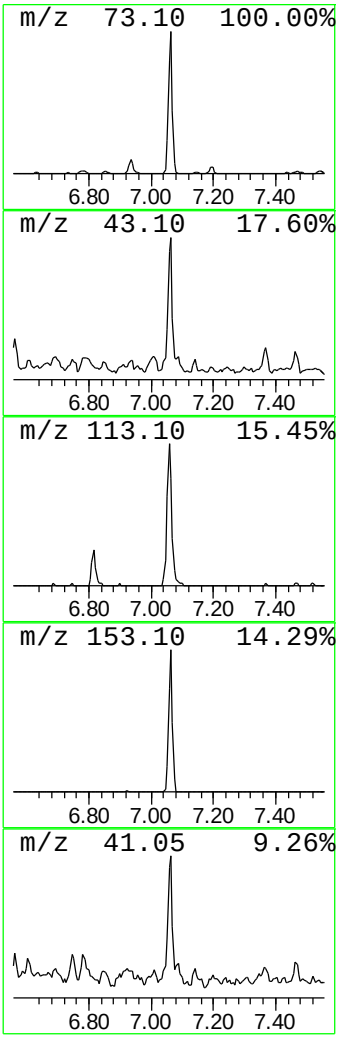
Peak Number 12 unknown7.06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	8.67 ng	592039	Naphthalene-d8	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	9
2	Isopropyl 5,11-dihydroxy-3,7,11-...	314	C18H34O4	1000223-34-1	9
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	8
5	1,3-Dioxolane, 2-(1-methylpropyl)-	130	C7H14O2	014447-25-7	7





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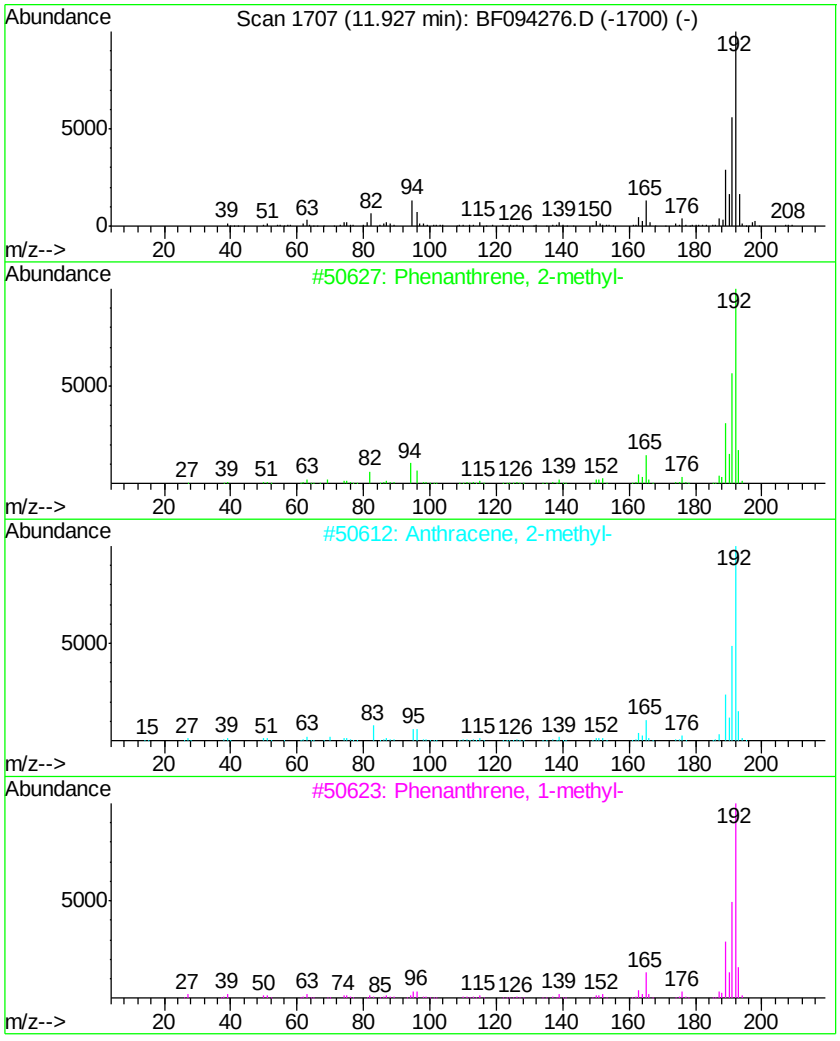
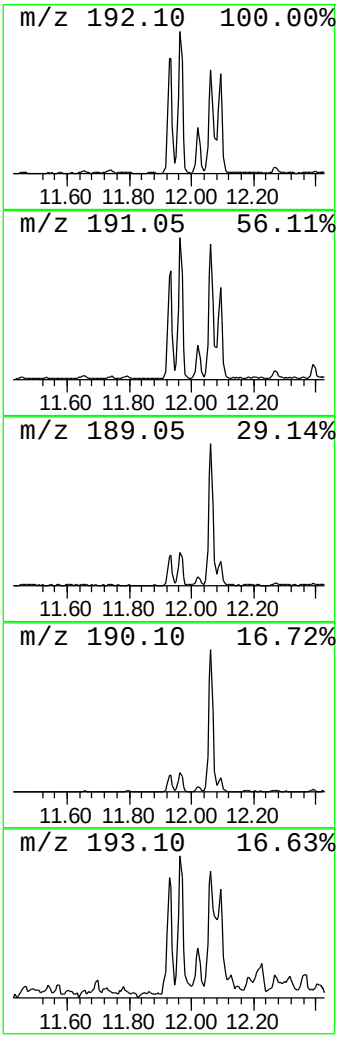
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.30 ng	319528	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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TIC Integration Parameters: LSCINT.P

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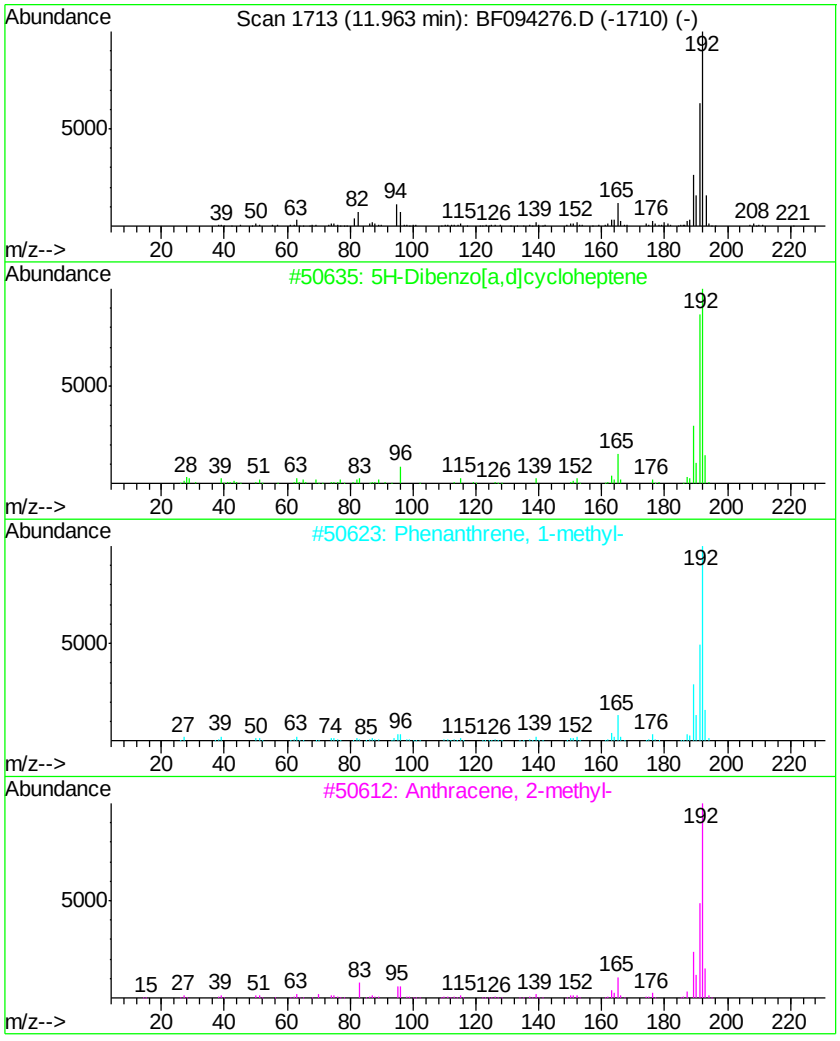
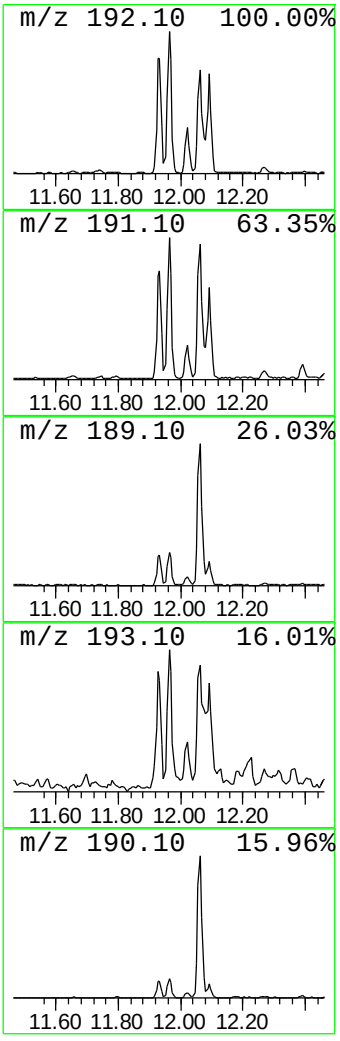
Peak Number 14 5H-Dibenzo[a,d]cycloheptene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.75 ng	346259	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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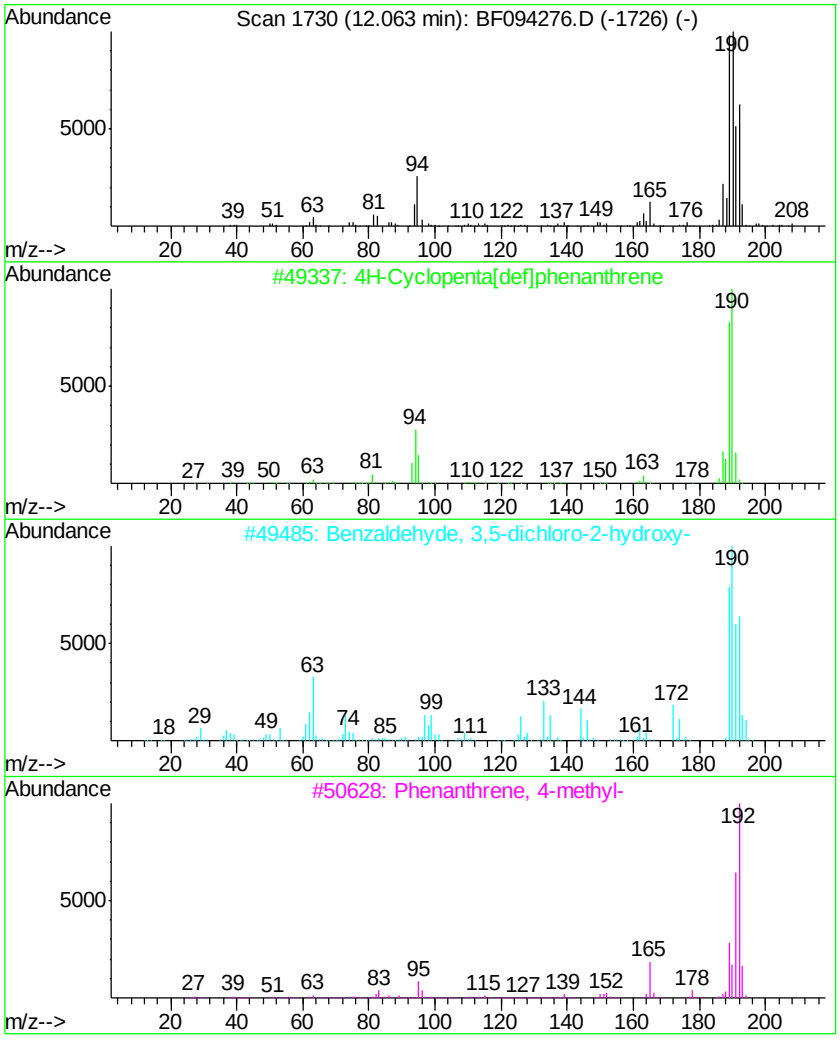
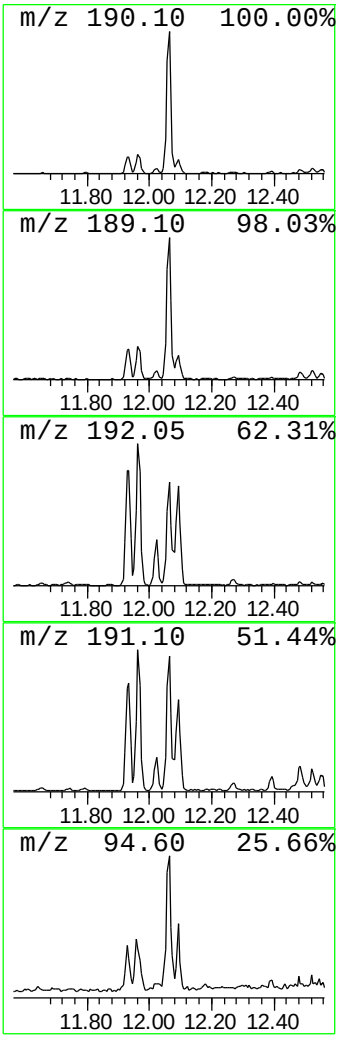
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	10.76 ng	648562	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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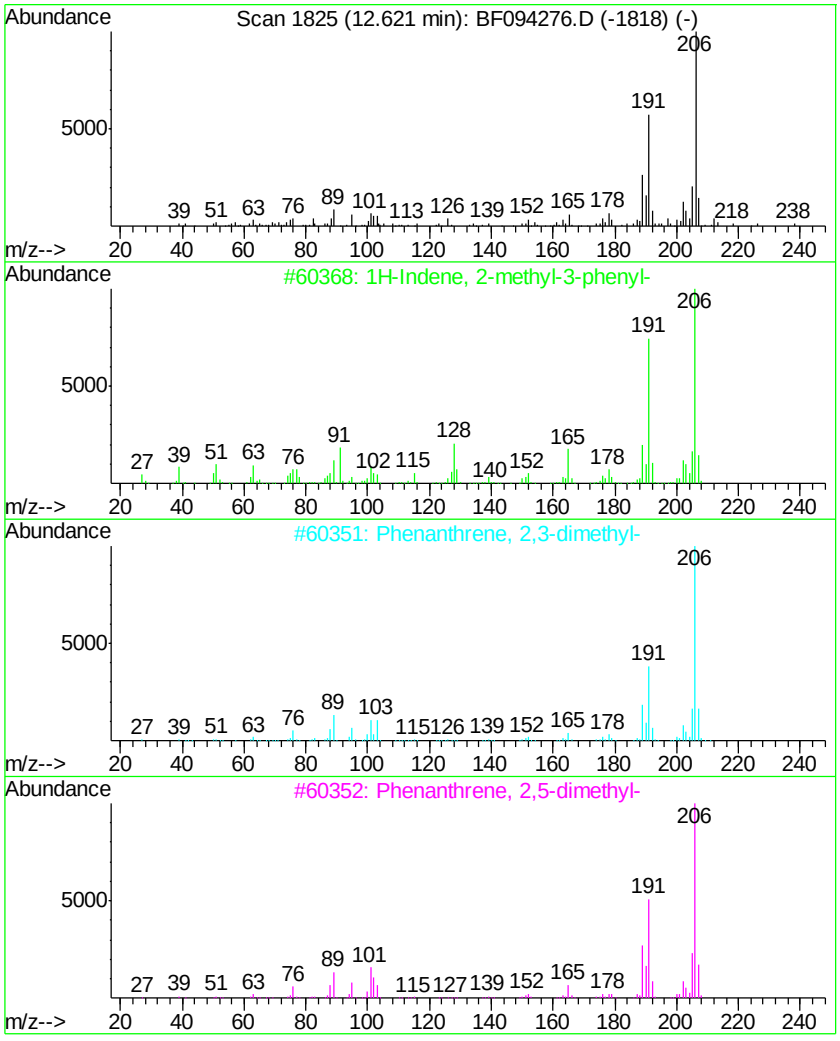
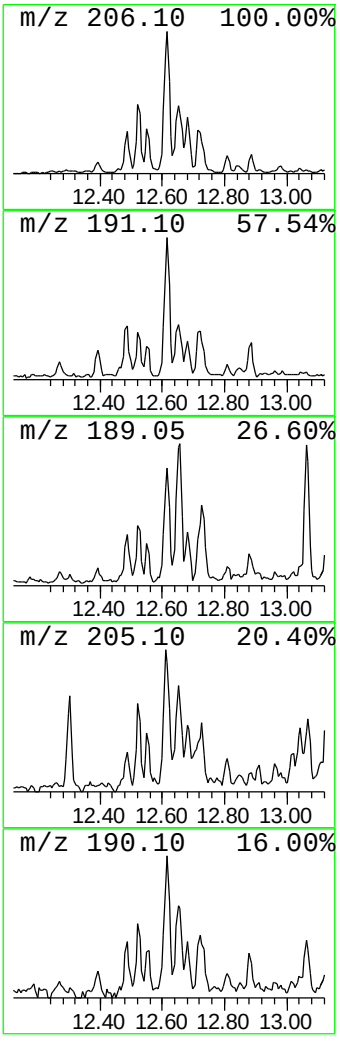
Peak Number 16 1H-Indene, 2-methyl-3-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	5.55 ng	334448	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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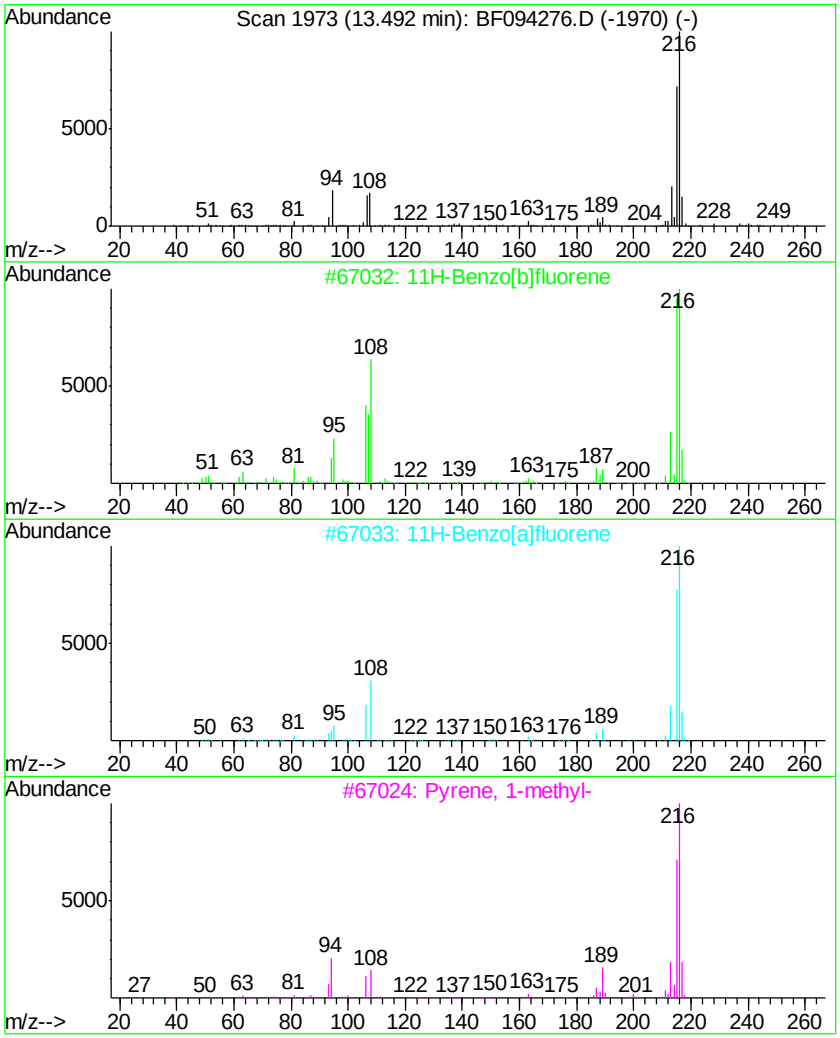
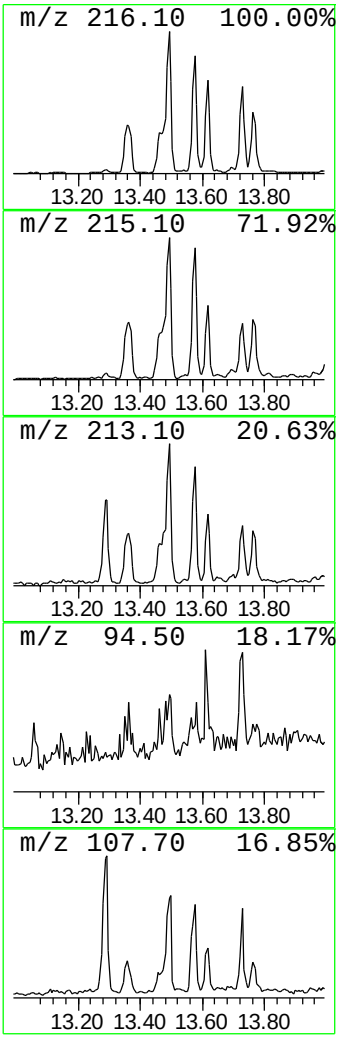
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	4.15 ng	322871	Chrysene-d12	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	59





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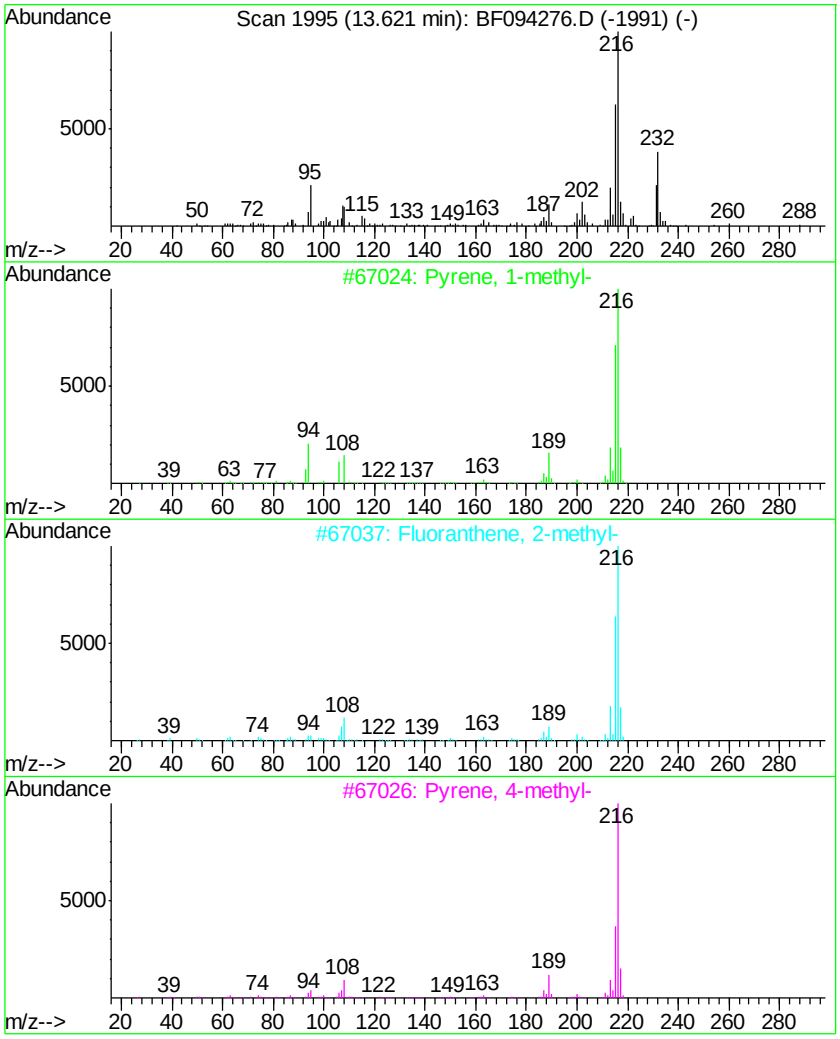
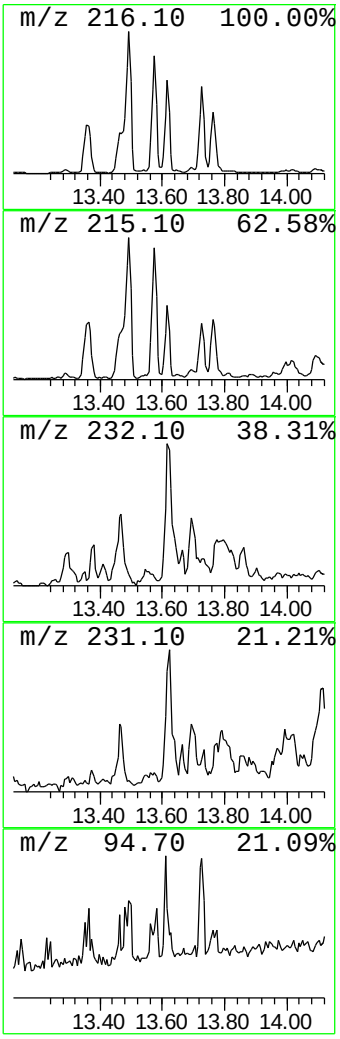
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.39 ng	341466	Chrysene-d12	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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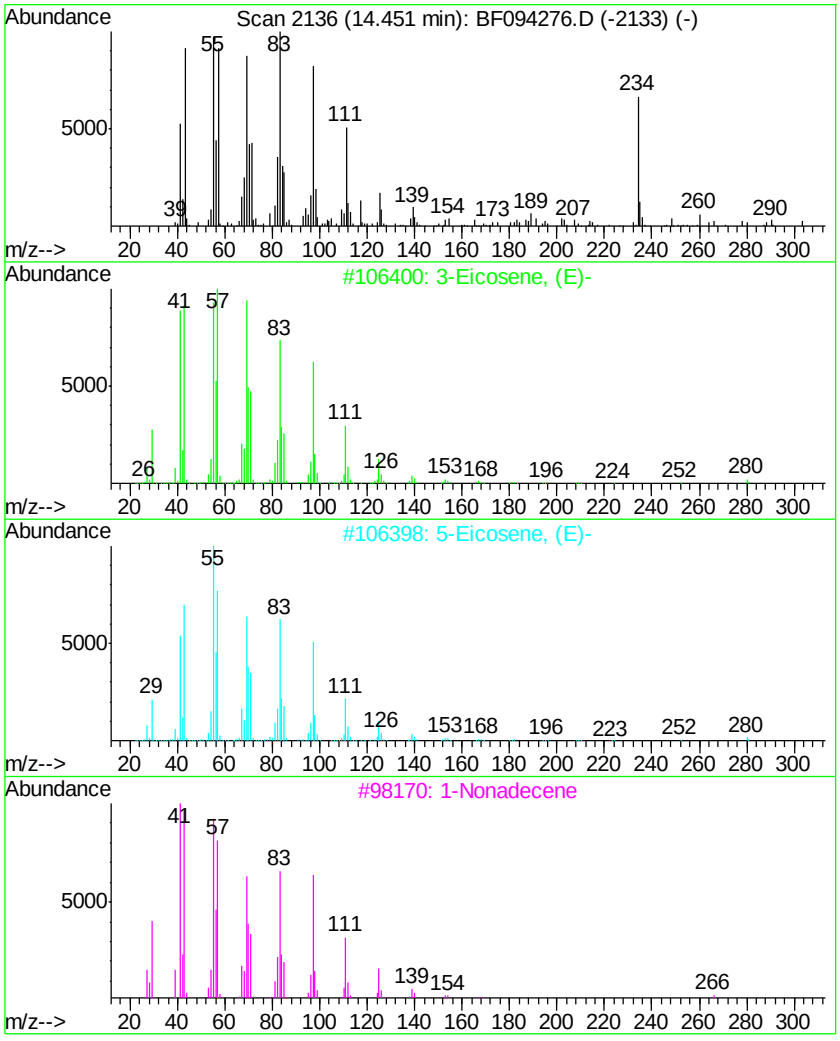
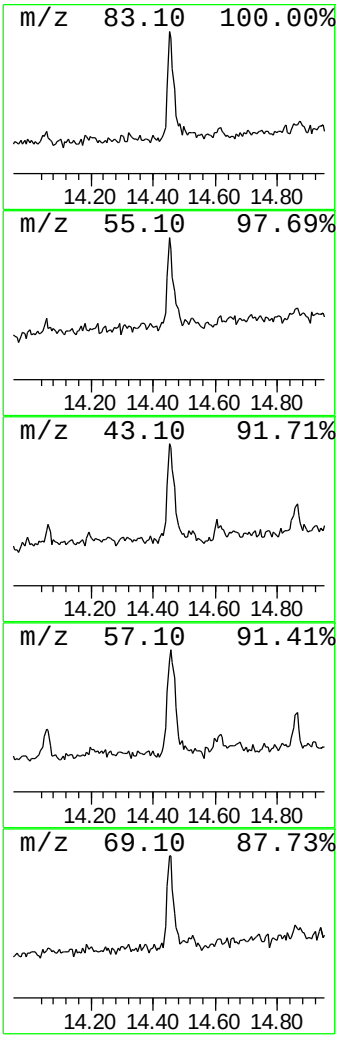
Peak Number 19 3-Eicosene, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	4.29 ng	333840	Chrysene-d12	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
5	1-Octadecanol	270	C18H38O	000112-92-5	81





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Data File : BF094276.D
Acq On : 7 Apr 2017 16:41
Operator : SJ/MA
Sample : I2528-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

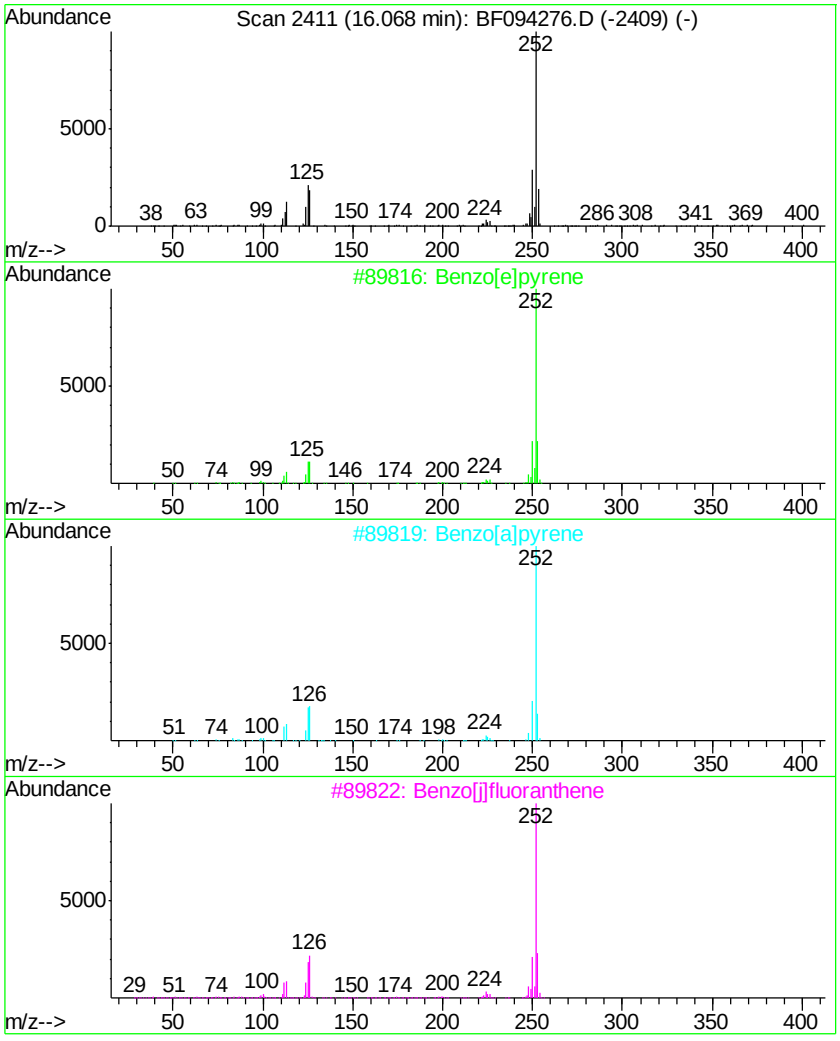
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

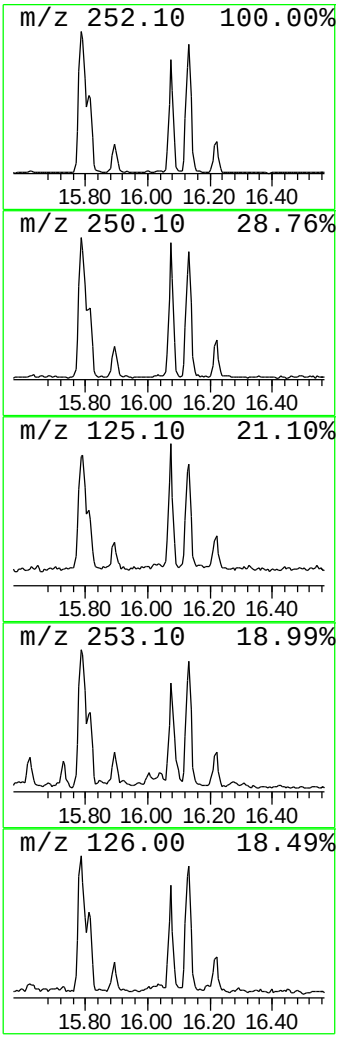
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	11.12 ng	348246	Perylene-d12	16.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094276.D
Acq On : 7 Apr 2017 16:41
Operator : SJ/MA
Sample : I2528-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane, 3-ethyl-	3.13	4.2	ng	221158	1	5.85	1064260	20.0
Cyclohexane, 1,3-...	3.59	4.6	ng	243958	1	5.85	1064260	20.0
Heptane, 2,5-dime...	3.92	8.8	ng	469971	1	5.85	1064260	20.0
unknown3.99	3.99	15.7	ng	835423	1	5.85	1064260	20.0
4-Heptafluorobuty...	4.53	4.0	ng	214920	1	5.85	1064260	20.0
Octane, 2,5-dimet...	4.92	5.1	ng	269318	1	5.85	1064260	20.0
1-Octanol, 2-butyl-	5.23	5.0	ng	263370	1	5.85	1064260	20.0
Decane, 2,6,6-tri...	5.29	4.9	ng	262984	1	5.85	1064260	20.0
unknown5.59	5.59	89.9	ng	4782770	1	5.85	1064260	20.0
unknown7.06	7.06	8.7	ng	592039	2	7.35	1365760	20.0
Phenanthrene, 2-m...	11.93	5.3	ng	319528	4	11.31	1205130	20.0
5H-Dibenzo[a,d]cy...	11.96	5.8	ng	346259	4	11.31	1205130	20.0
4H-Cyclopenta[def...	12.06	10.8	ng	648562	4	11.31	1205130	20.0
1H-Indene, 2-meth...	12.62	5.5	ng	334448	4	11.31	1205130	20.0
11H-Benzo[b]fluorene	13.49	4.2	ng	322871	5	14.56	1556790	20.0
Pyrene, 1-methyl-	13.62	4.4	ng	341466	5	14.56	1556790	20.0
3-Eicosene, (E)-	14.45	4.3	ng	333840	5	14.56	1556790	20.0
Benzo[e]pyrene	16.07	11.1	ng	348246	6	16.19	626217	20.0