LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
Data File : BF095695.D
Acq On : 6 Jun 2017 2:58
Operator : SJ/MA
Sample : I3441-09 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

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-BF060517.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	1.602	8	11	38	rBV	936731	1853946	100.00%	10.919%
2	4.590	515	519	529	rBV	25250	58190	3.14%	0.343%
3	5.290	634	638	656	rBV	349670	756553	40.81%	4.456%
4	5.548	678	682	688	rVB4	11613	19341	1.04%	0.114%
5	5.707	703	709	718	rVB2	14524	21825	1.18%	0.129%
6	6.625	861	865	869	rBV2	17860	23685	1.28%	0.140%
7	6.795	887	894	900	rBV3	9843	23476	1.27%	0.138%
8	6.948	917	920	934	rVV	393318	819731	44.22%	4.828%
9	7.054	934	938	948	rVV	636536	1007718	54.36%	5.935%
10	7.131	948	951	958	rVV	41226	65165	3.51%	0.384%
11	7.207	960	964	973	rVB	35416	51573	2.78%	0.304%
12	7.395	992	996	1008	rBV	413860	560725	30.24%	3.303%
13	7.495	1008	1013	1017	rVB3	36889	47771	2.58%	0.281%
14	7.548	1019	1022	1030	rBV8	8459	18606	1.00%	0.110%
15	7.631	1032	1036	1048	rBV	519194	743022	40.08%	4.376%
16	7.813	1062	1067	1075	rBV4	22323	43400	2.34%	0.256%
17	8.307	1148	1151	1165	rVV	346212	521100	28.11%	3.069%
18	8.442	1169	1174	1183	rVB	55468	79712	4.30%	0.469%
19	8.748	1221	1226	1230	rVB4	12247	21078	1.14%	0.124%
20	9.054	1269	1278	1281	rBV5	15185	31837	1.72%	0.188%
21	9.148	1289	1294	1298	rVB3	11885	18694	1.01%	0.110%
22	9.213	1298	1305	1310	rVB5	12201	20706	1.12%	0.122%
23	9.430	1337	1342	1345	rBV	647491	780696	42.11%	4.598%
24	9.460	1345	1347	1354	rVV	159499	218598	11.79%	1.288%
25	9.530	1354	1359	1363	rVB	47558	58018	3.13%	0.342%
26	9.654	1377	1380	1385	rVB	17225	20364	1.10%	0.120%
27	10.242	1474	1480	1483	rBV2	15518	20279	1.09%	0.119%
28	10.519	1521	1527	1531	rBV	23158	28328	1.53%	0.167%
29	10.589	1536	1539	1548	rVV	132775	174279	9.40%	1.026%
30	10.742	1557	1565	1575	rBV	87224	124407	6.71%	0.733%
31	11.207	1639	1644	1655	rVB	903307	1042402	56.23%	6.140%
32	11.366	1667	1671	1678	rVB	23179	29839	1.61%	0.176%
33	11.436	1678	1683	1687	rBV4	20622	28504	1.54%	0.168%
34	11.507	1691	1695	1701	rBV	11731	20642	1.11%	0.122%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.613	1708	1713	1719	rBV4	30386	66829	3.60%	0.394%
36	11.730	1729	1733	1737	rVV	49702	69434	3.75%	0.409%
37	11.771	1737	1740	1749	rVV2	31128	51264	2.77%	0.302%
38	11.901	1758	1762	1769	rVV	84751	134707	7.27%	0.793%
39	11.954	1769	1771	1775	rVB	20525	21941	1.18%	0.129%
40	12.030	1780	1784	1793	rVV2	32041	66768	3.60%	0.393%
41	12.119	1793	1799	1805	rVB5	14403	26484	1.43%	0.156%
42	12.248	1816	1821	1826	rBV2	541127	689392	37.19%	4.060%
43	12.301	1826	1830	1838	rVB2	85762	124632	6.72%	0.734%
44	12.595	1875	1880	1884	rBV	48967	75136	4.05%	0.443%
45	12.683	1890	1895	1899	rBV3	15991	25692	1.39%	0.151%
46	12.801	1912	1915	1921	rVV6	22052	41549	2.24%	0.245%
47	13.107	1964	1967	1970	rBV	34811	39941	2.15%	0.235%
48	13.142	1970	1973	1984	rVB2	120282	167558	9.04%	0.987%
49	13.230	1984	1988	1991	rBV6	14005	26038	1.40%	0.153%
50	13.424	2017	2021	2024	rVV5	24181	38967	2.10%	0.230%
51	13.465	2024	2028	2032	rVB	47632	70669	3.81%	0.416%
52	13.542	2037	2041	2049	rVV	290213	405600	21.88%	2.389%
53	13.601	2049	2051	2059	rVB8	16053	34080	1.84%	0.201%
54	13.848	2087	2093	2095	rBV6	15850	31604	1.70%	0.186%
55	13.901	2095	2102	2109	rVV	118721	226914	12.24%	1.336%
56	14.042	2121	2126	2127	rBV5	18107	30216	1.63%	0.178%
57	14.248	2158	2161	2165	rBV2	20996	26160	1.41%	0.154%
58	14.477	2197	2200	2204	rVB	38059	49986	2.70%	0.294%
59	14.612	2220	2223	2224	rBV2	29479	31279	1.69%	0.184%
60	14.642	2224	2228	2232	rVV	499243	744261	40.14%	4.384%
61	14.677	2232	2234	2241	rVB	309975	395454	21.33%	2.329%
62	14.771	2247	2250	2255	rVB	69927	77009	4.15%	0.454%
63	15.218	2323	2326	2335	rBV3	60479	103838	5.60%	0.612%
64	15.295	2336	2339	2342	rBV2	35667	45015	2.43%	0.265%
65	15.448	2362	2365	2369	rVB	66762	65572	3.54%	0.386%
66	15.489	2369	2372	2378	rBV	81701	114834	6.19%	0.676%
67	15.601	2388	2391	2394	rVB3	60775	71114	3.84%	0.419%
68	15.648	2396	2399	2409	rVB4	65822	152553	8.23%	0.899%
69	15.895	2438	2441	2444	rBV5	73200	101587	5.48%	0.598%
70	16.259	2499	2503	2506	rVB2	98504	137139	7.40%	0.808%
71	16.301	2506	2510	2514	rBV3	97415	146387	7.90%	0.862%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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72	16.459	2533	2537	2544	rVB	236392	301075	16.24%	1.773%
73	16.759	2585	2588	2596	rVB	233018	253188	13.66%	1.491%
74	16.889	2608	2610	2614	rVB4	77830	83964	4.53%	0.495%
75	16.953	2619	2621	2625	rVB2	54398	60403	3.26%	0.356%
76	17.012	2627	2631	2638	rVB	759452	839873	45.30%	4.947%
77	17.101	2641	2646	2651	rBV6	84118	194566	10.49%	1.146%
78	17.365	2688	2691	2698	rBV4	61825	135653	7.32%	0.799%
79	18.353	2855	2859	2863	rBV	480289	578954	31.23%	3.410%
80	20.024	3140	3143	3152	rVB	366801	448980	24.22%	2.644%

Sum of corrected areas: 16978469

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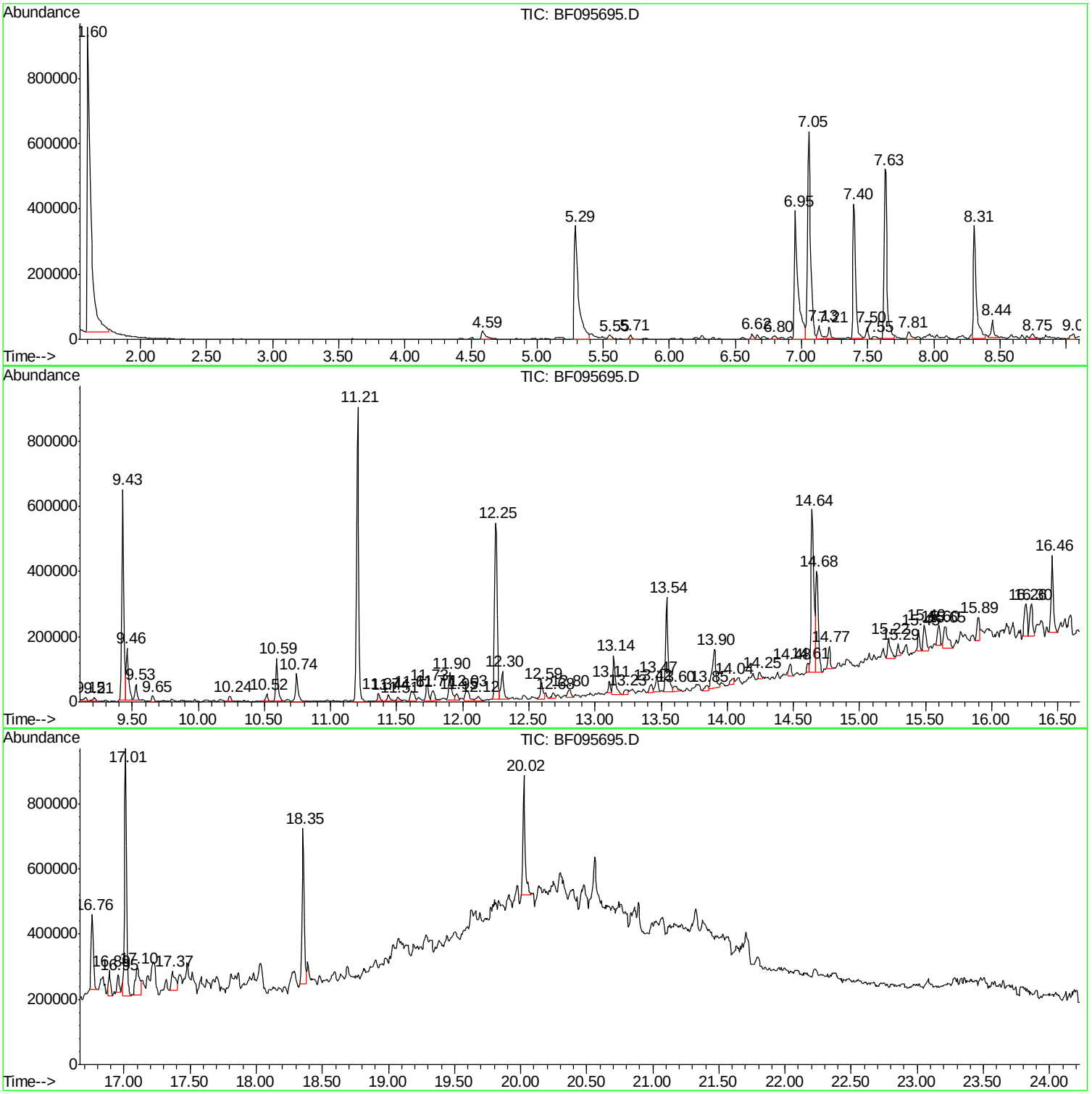
Instrument :
BNA_F
ClientSampleId :
OR-RO-6789-060117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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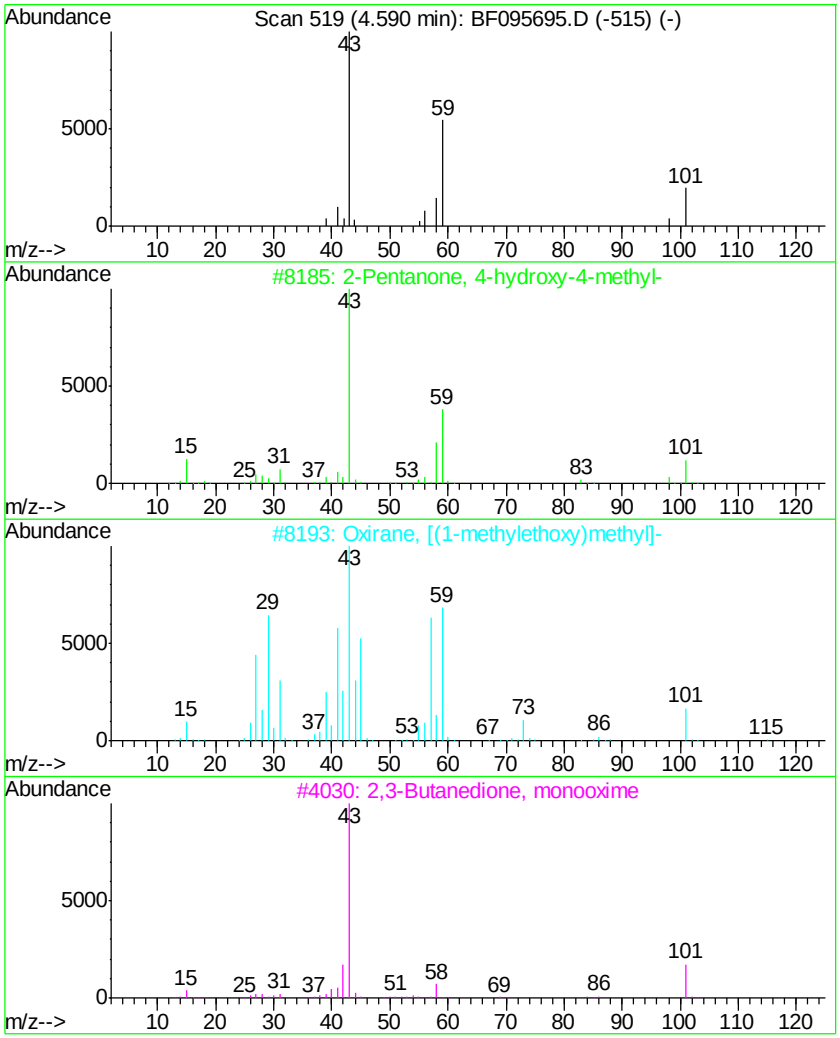
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

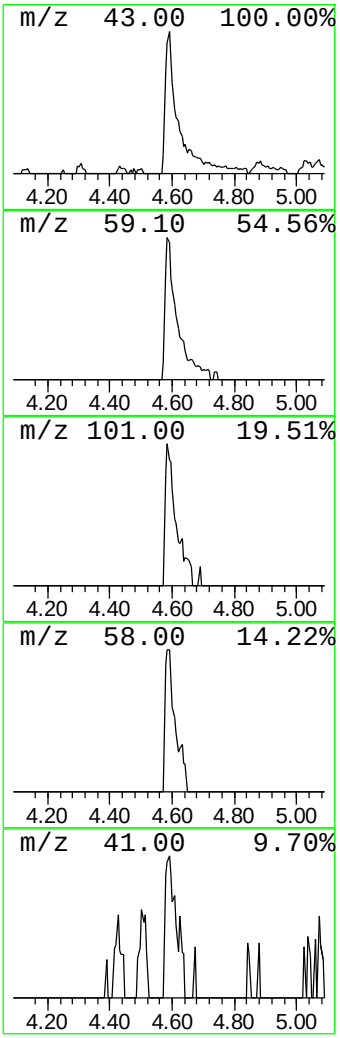
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	2.08 ng	58190	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	43
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	7





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
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Sample : I3441-09 2X
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BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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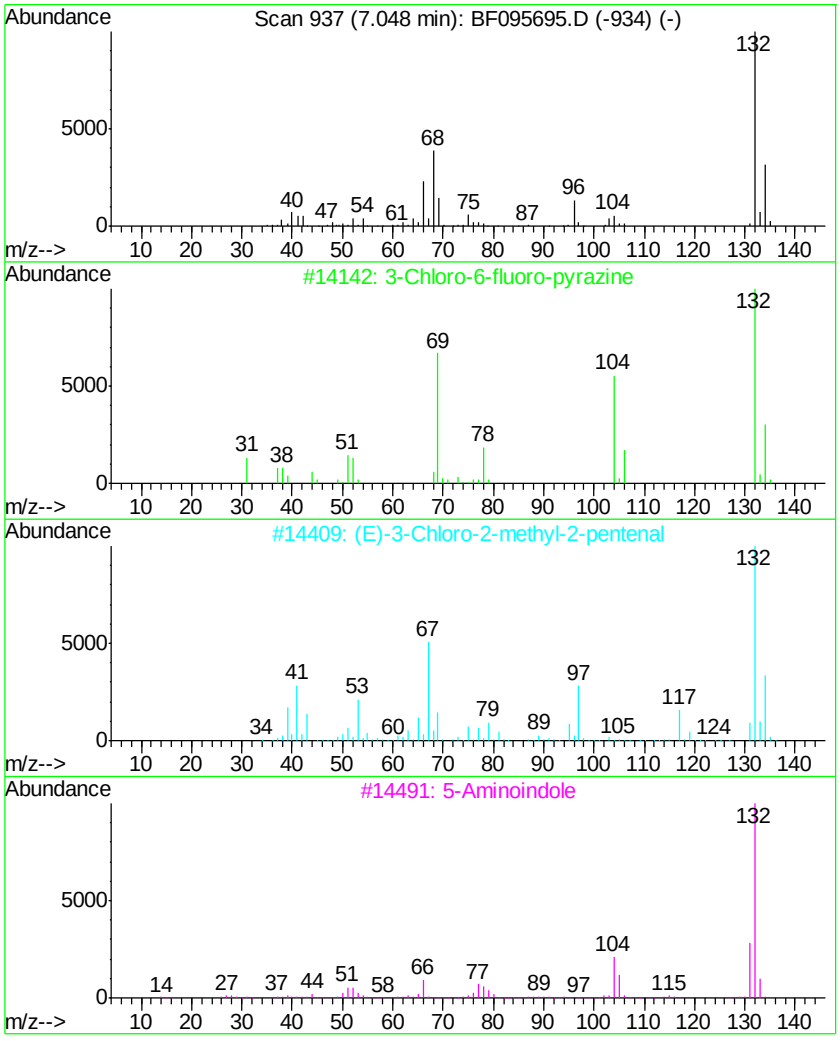
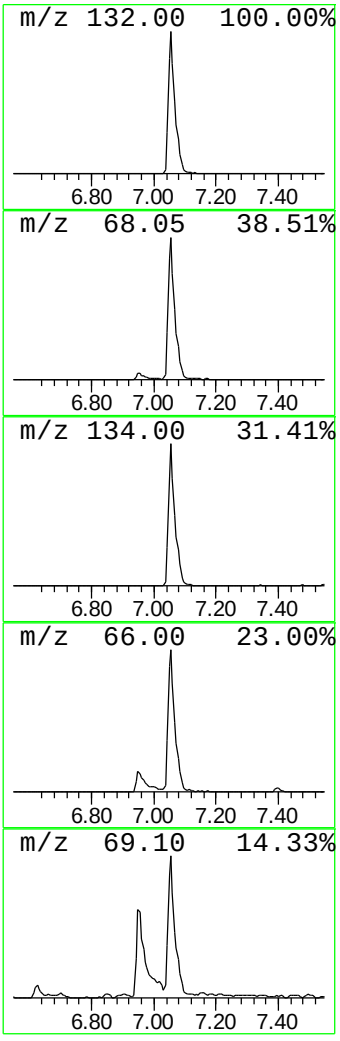
Peak Number 3 unknown7.05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	35.94 ng	1007720	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
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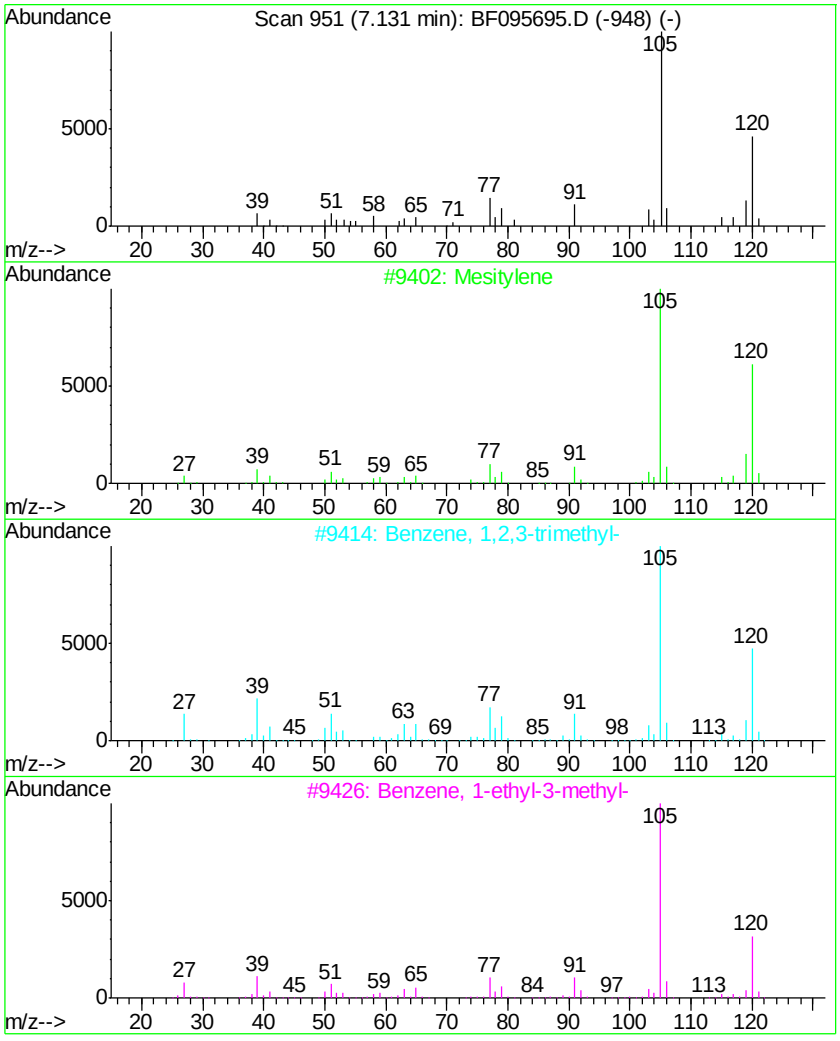
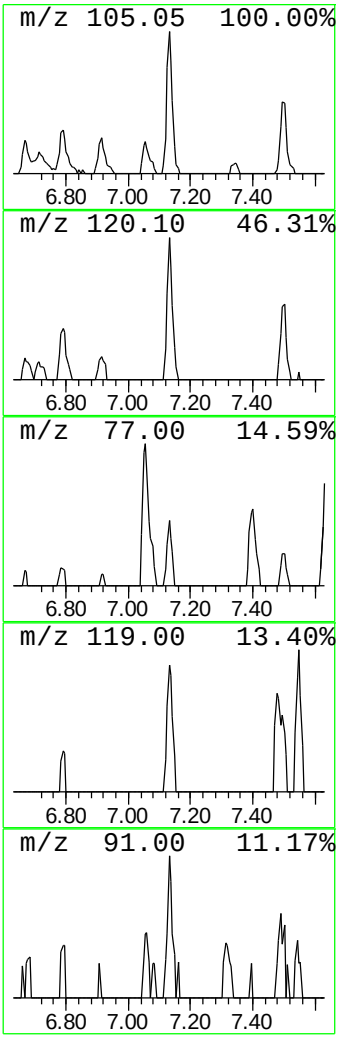
Peak Number 4 Mesitylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	2.32 ng	65165	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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Instrument :
BNA_F
ClientSampleId :
OR-RO-6789-060117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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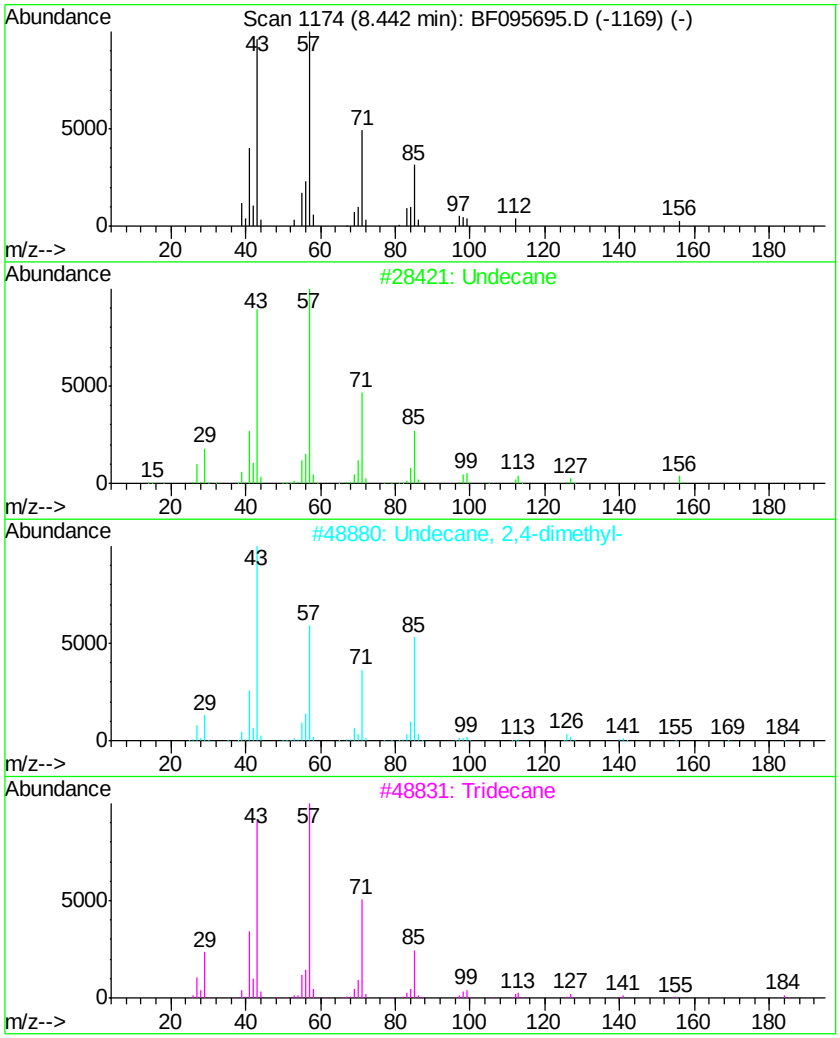
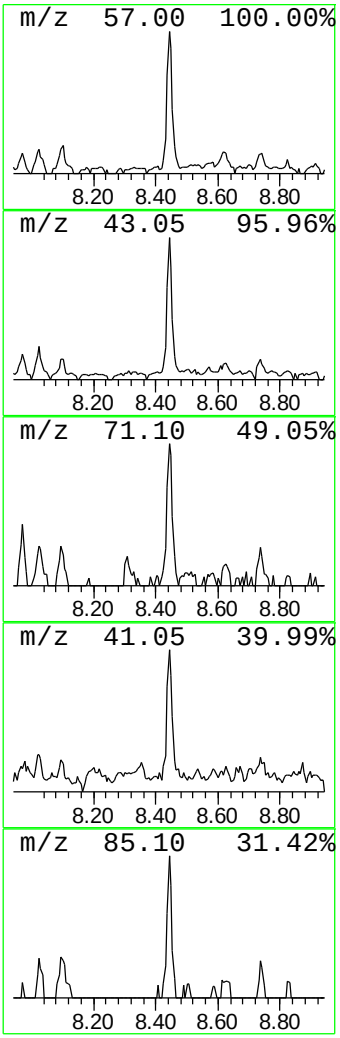
Peak Number 6 Undecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	2.04 ng	79712	Naphthalene-d8	9.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	80
2	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
5	Hexadecane	226	C16H34	000544-76-3	59





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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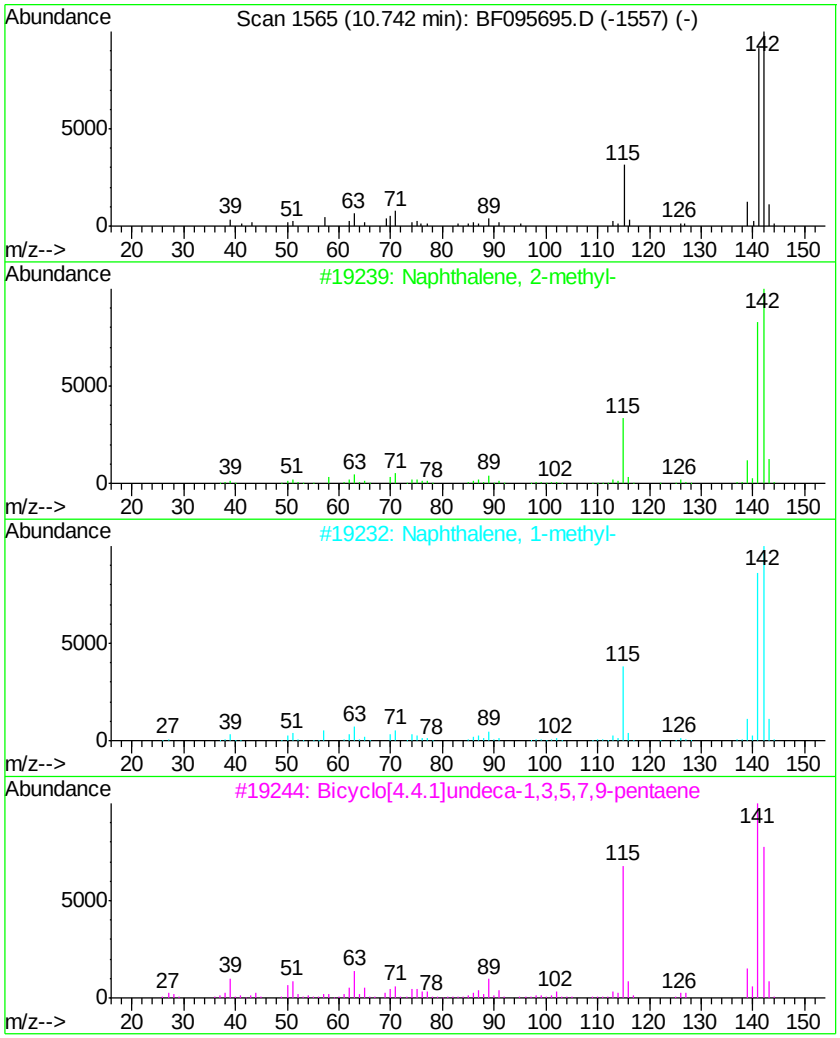
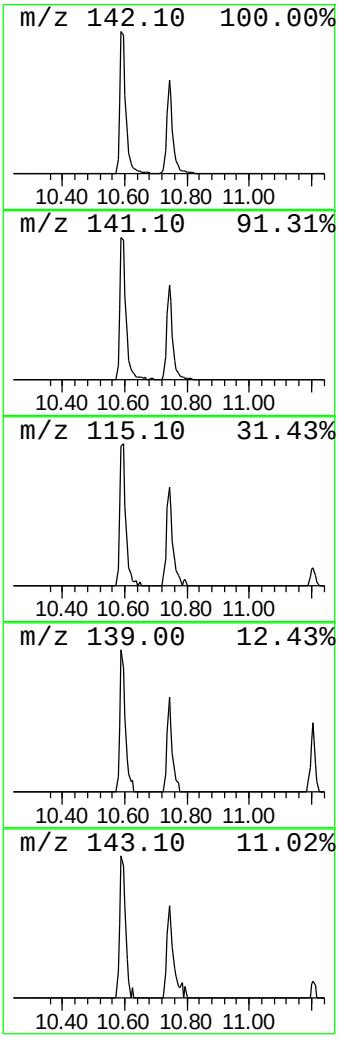
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.19 ng	124407	Naphthalene-d8	9.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
Data File : BF095695.D
Acq On : 6 Jun 2017 2:58
Operator : SJ/MA
Sample : I3441-09 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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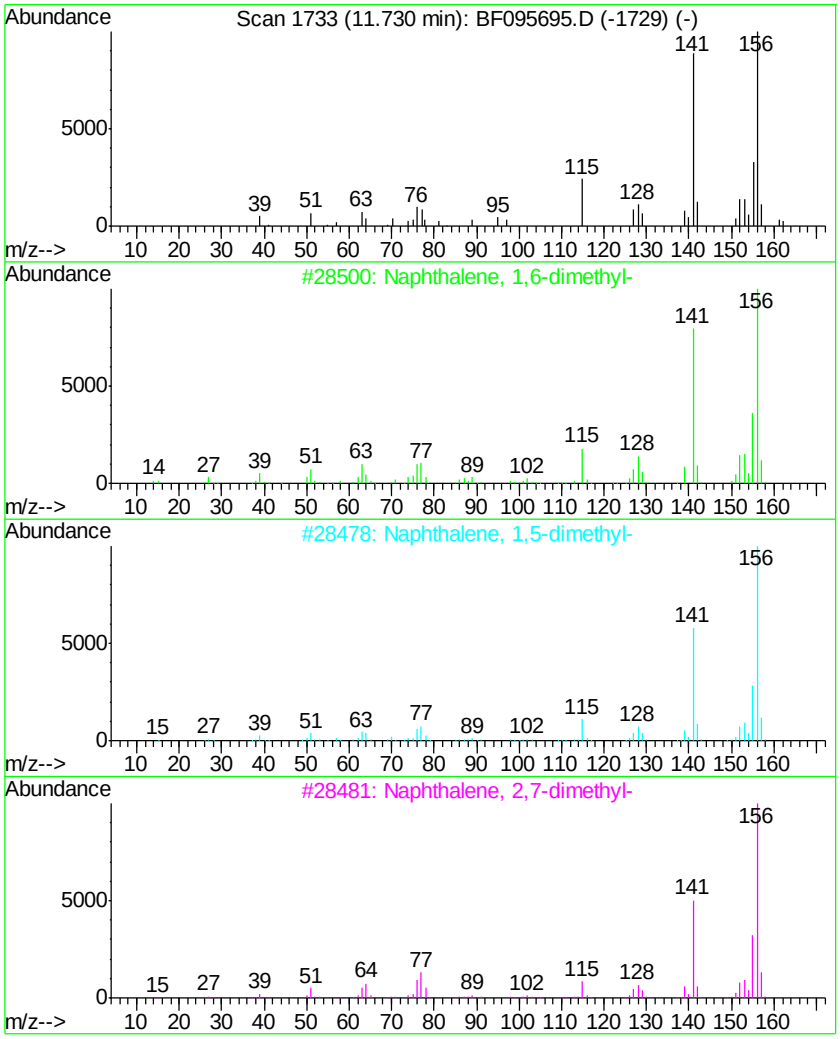
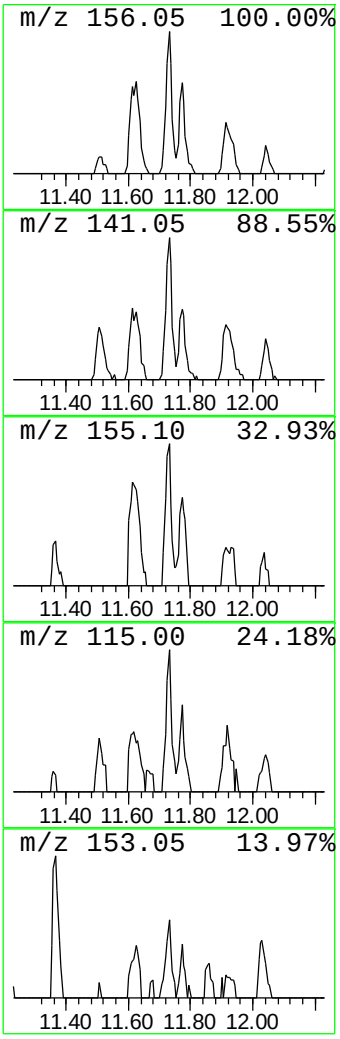
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.01 ng	69434	Acenaphthene-d10	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Acq On : 6 Jun 2017 2:58
Operator : SJ/MA
Sample : I3441-09 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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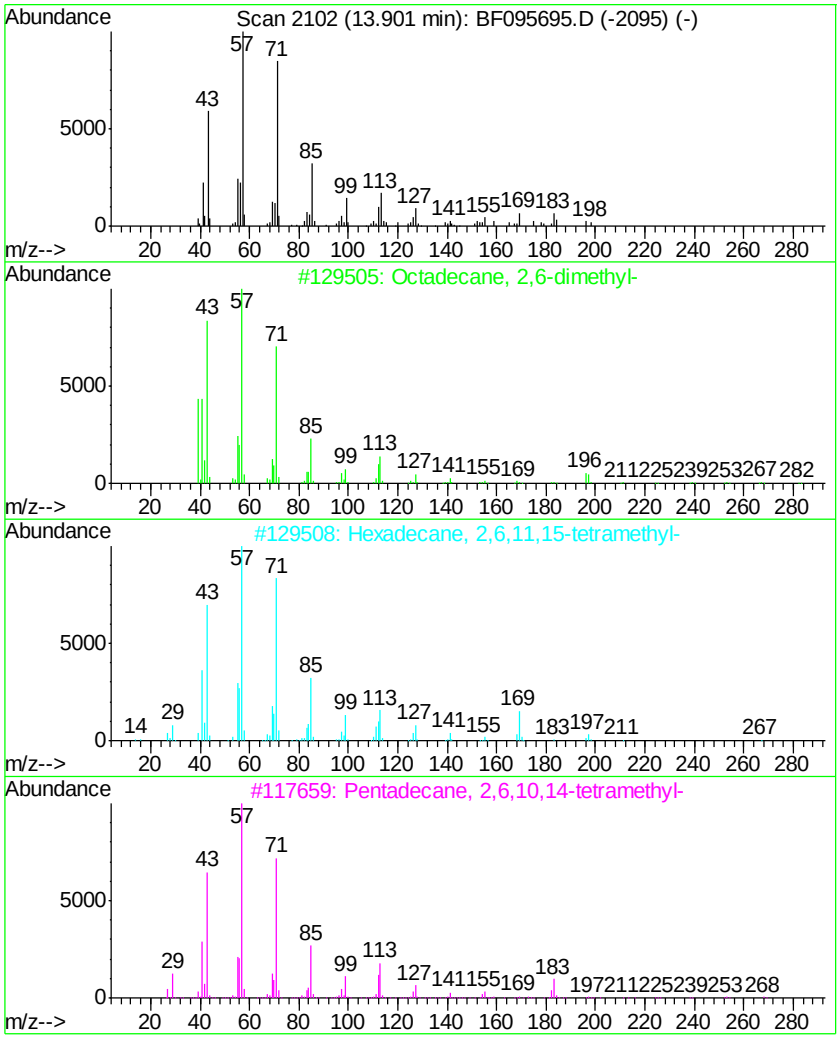
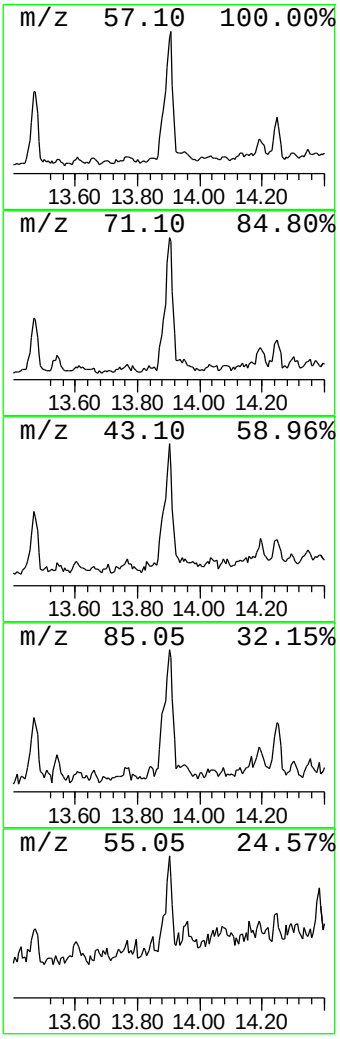
Peak Number 9 Octadecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	6.10 ng	226914	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	91
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	72





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Sample : I3441-09 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

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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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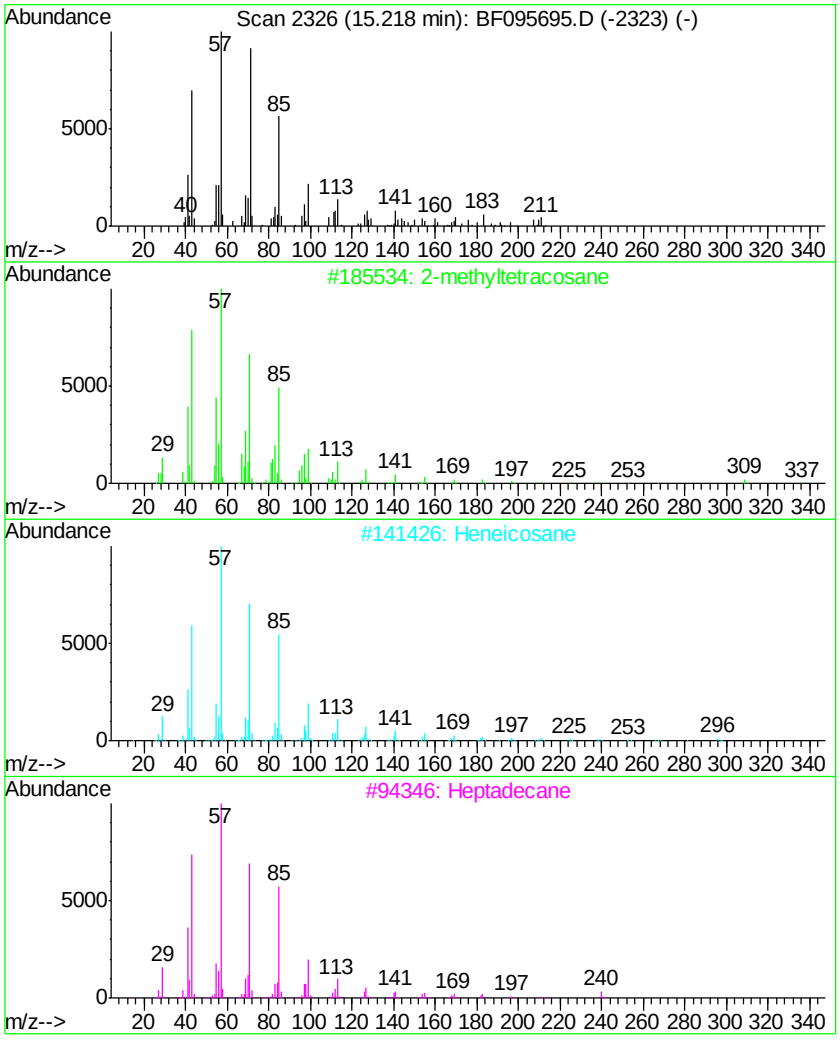
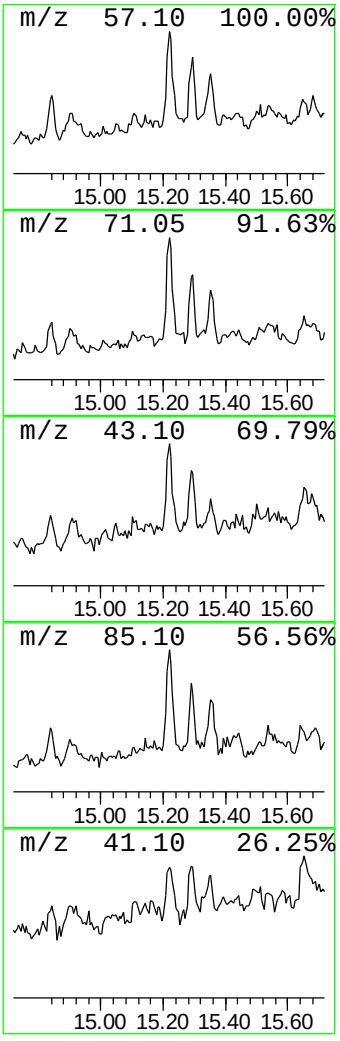
Peak Number 10 2-methyltetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.79 ng	103838	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	86
2	Heneicosane	296	C21H44	000629-94-7	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Octadecane	254	C18H38	000593-45-3	80





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Sample : I3441-09 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
OR-RO-6789-060117

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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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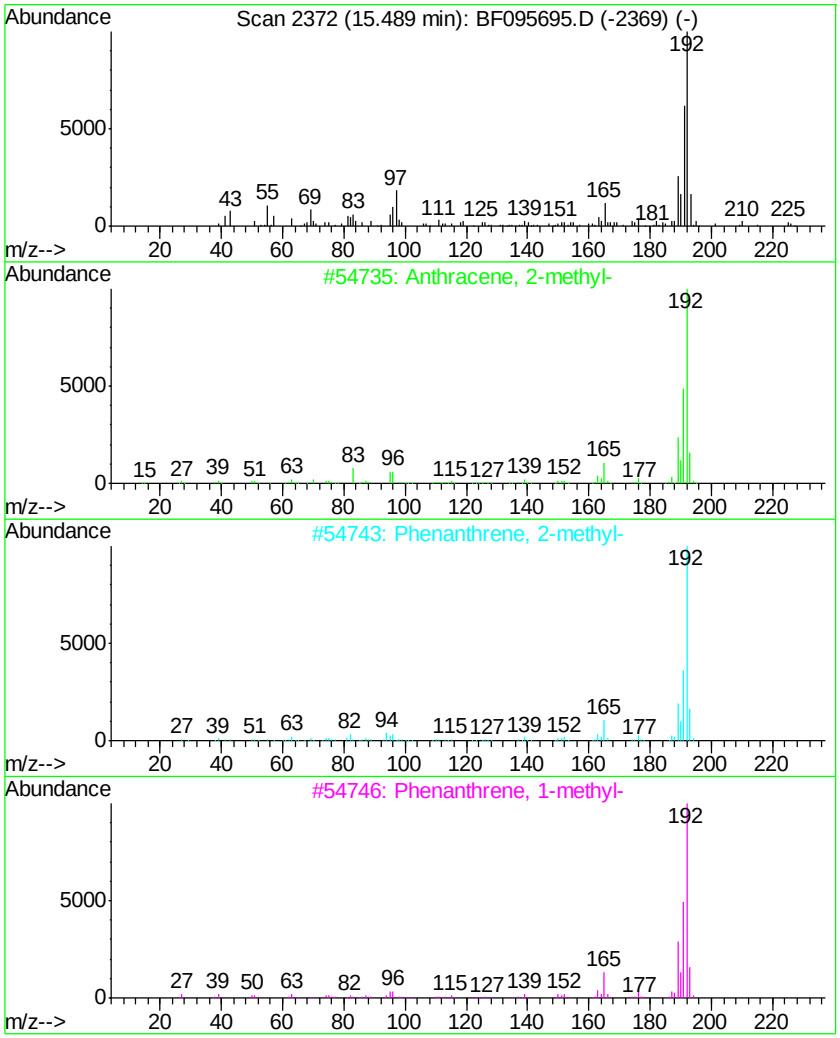
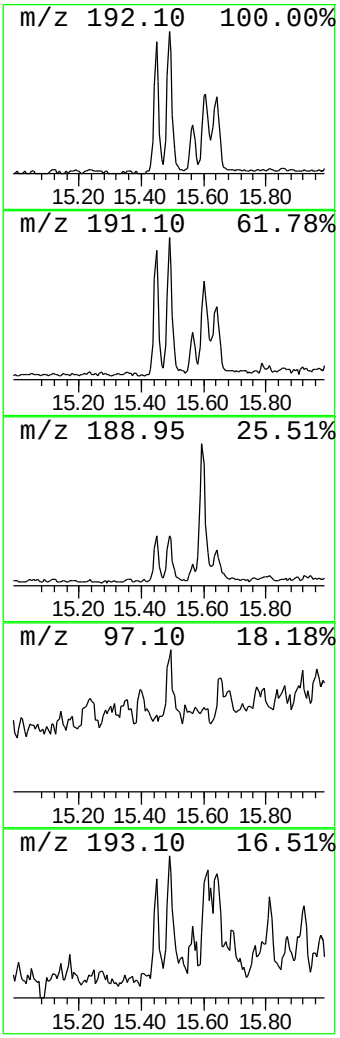
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	3.09 ng	114834	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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Acq On : 6 Jun 2017 2:58
Operator : SJ/MA
Sample : I3441-09 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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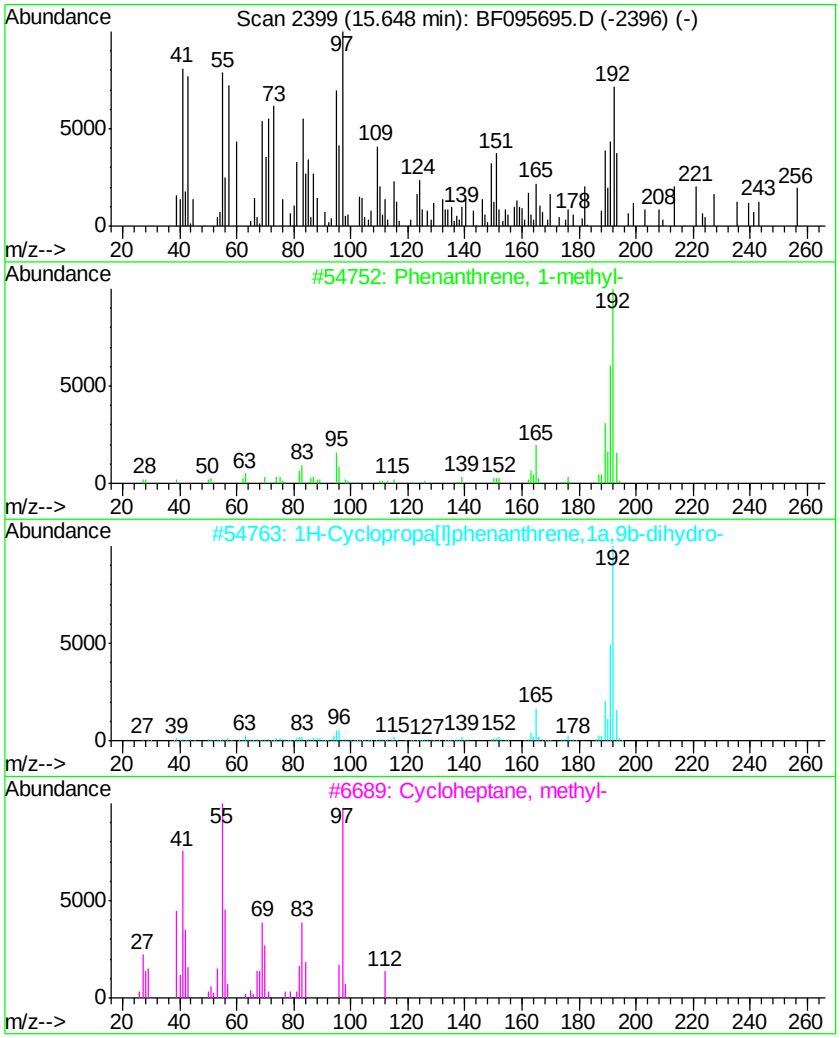
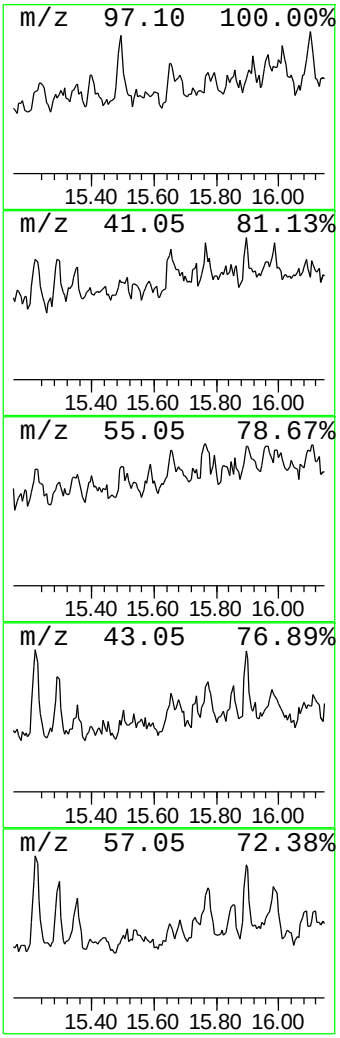
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.10 ng	152553	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	22
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	15
4	Diethylmalonic acid, monochlorid...	274	C14H23ClO3	1000371-17-9	14
5	4,5-Dihydro-N-phenyl-3-furamide	189	C11H11NO2	065038-85-9	14





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Acq On : 6 Jun 2017 2:58
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Sample : I3441-09 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

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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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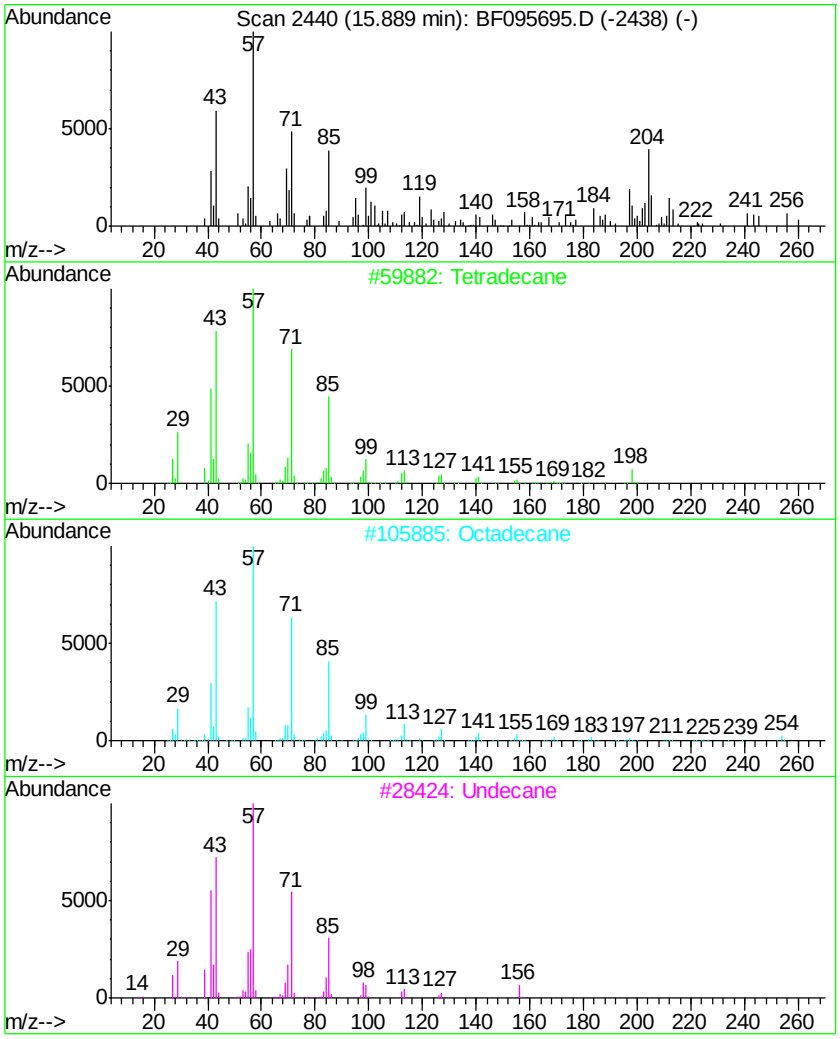
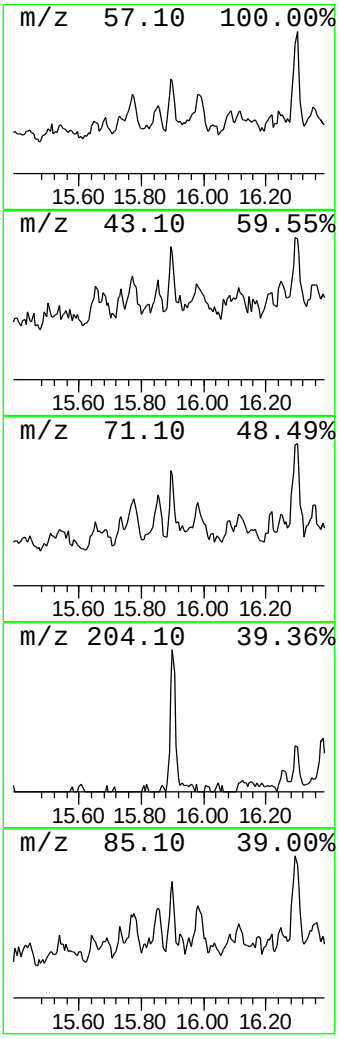
Peak Number 13 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.73 ng	101587	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	70
2	Octadecane	254	C18H38	000593-45-3	60
3	Undecane	156	C11H24	001120-21-4	50
4	Dodecane	170	C12H26	000112-40-3	50
5	Tridecane	184	C13H28	000629-50-5	45





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Sample : I3441-09 2X
Misc :
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ClientSampleId : OR-RO-6789-060117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

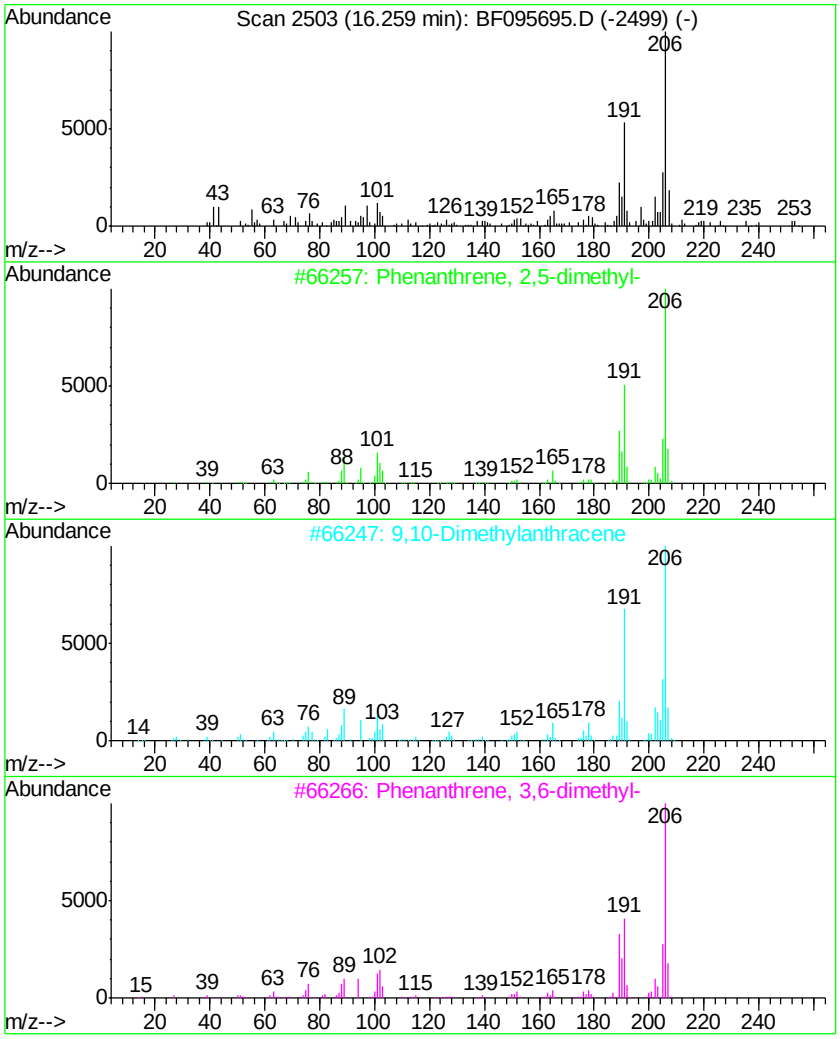
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

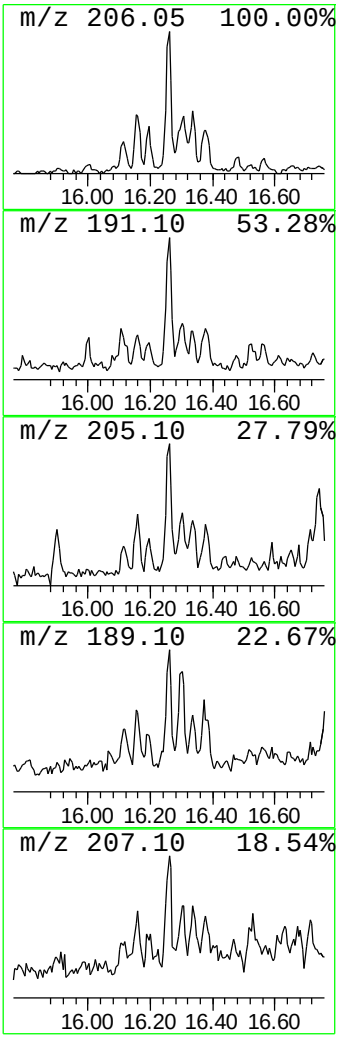
****

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	3.69 ng	137139	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	89





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Sample : I3441-09 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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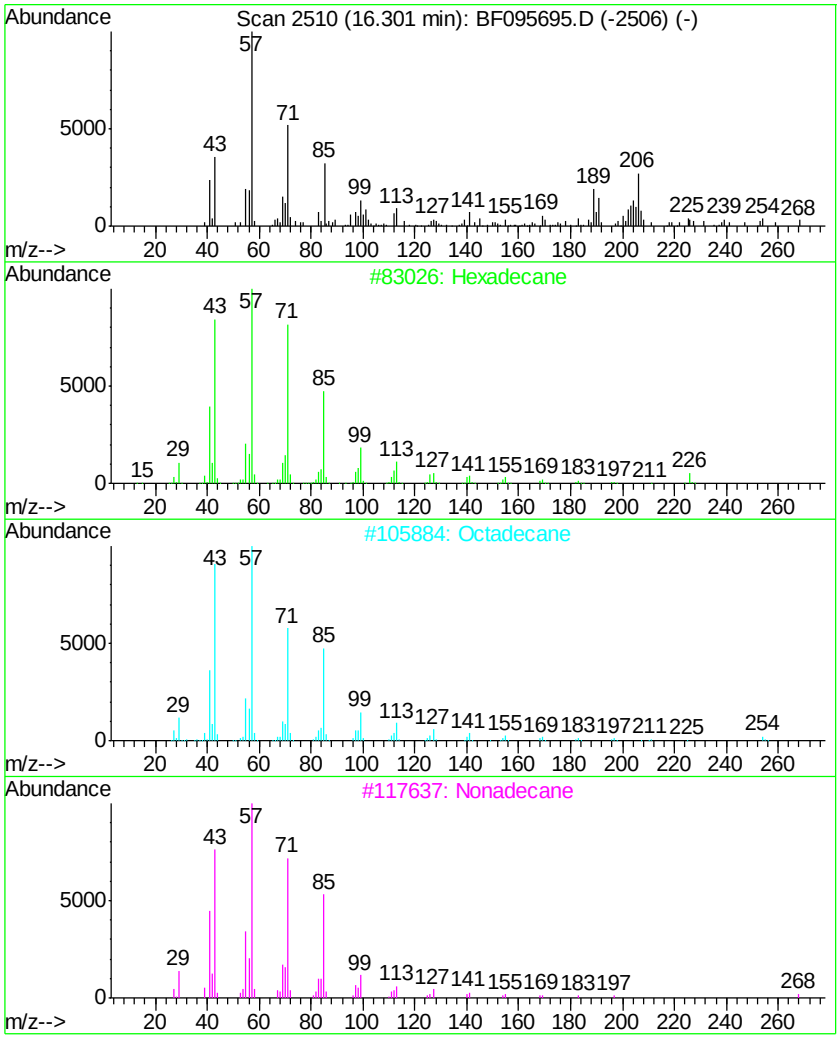
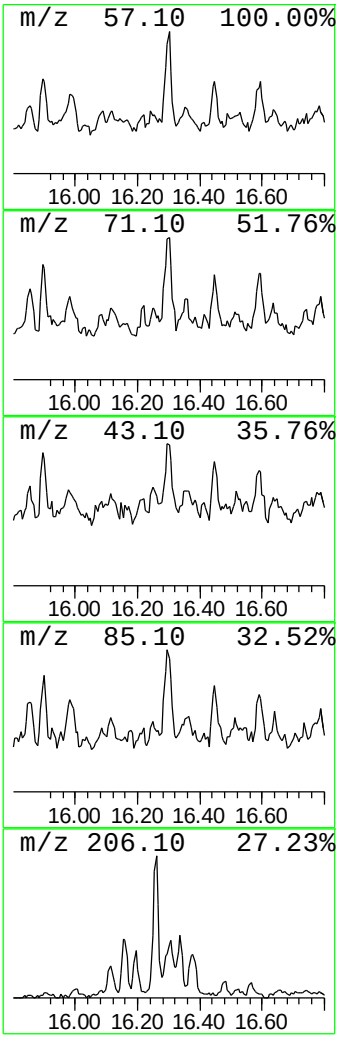
Peak Number 15 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	3.93 ng	146387	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	60
2	Octadecane	254	C18H38	000593-45-3	49
3	Nonadecane	268	C19H40	000629-92-5	46
4	Tetradecane	198	C14H30	000629-59-4	42
5	Octacosane	394	C28H58	000630-02-4	38





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Sample : I3441-09 2X
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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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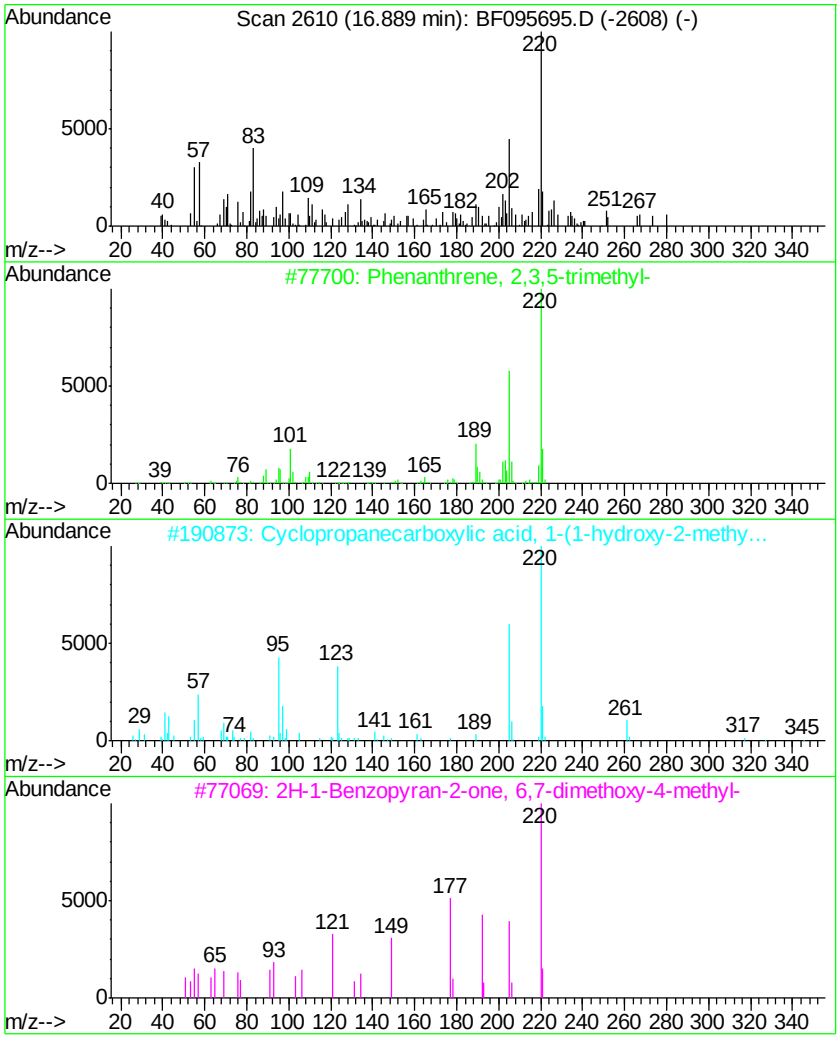
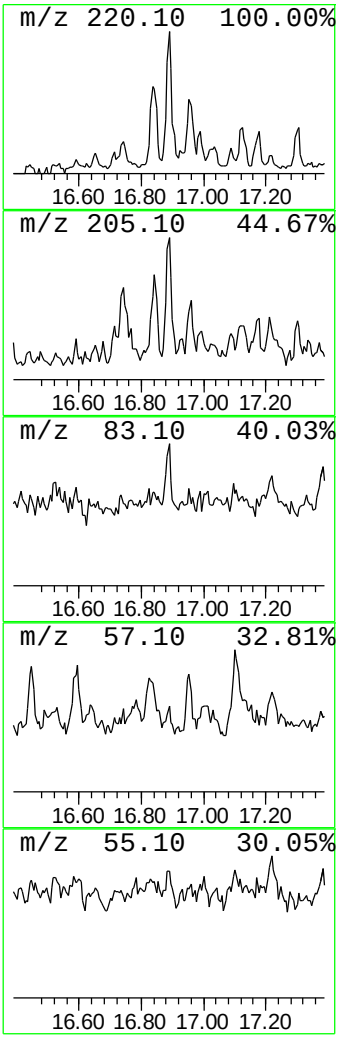
Peak Number 16 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.90 ng	83964	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	83
2	Cyclopropanecarboxylic acid, 1-(...	360	C23H36O3	108546-71-0	50
3	2H-1-Benzopyran-2-one, 6,7-dimet...	220	C12H12O4	004281-40-7	50
4	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	50
5	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	50





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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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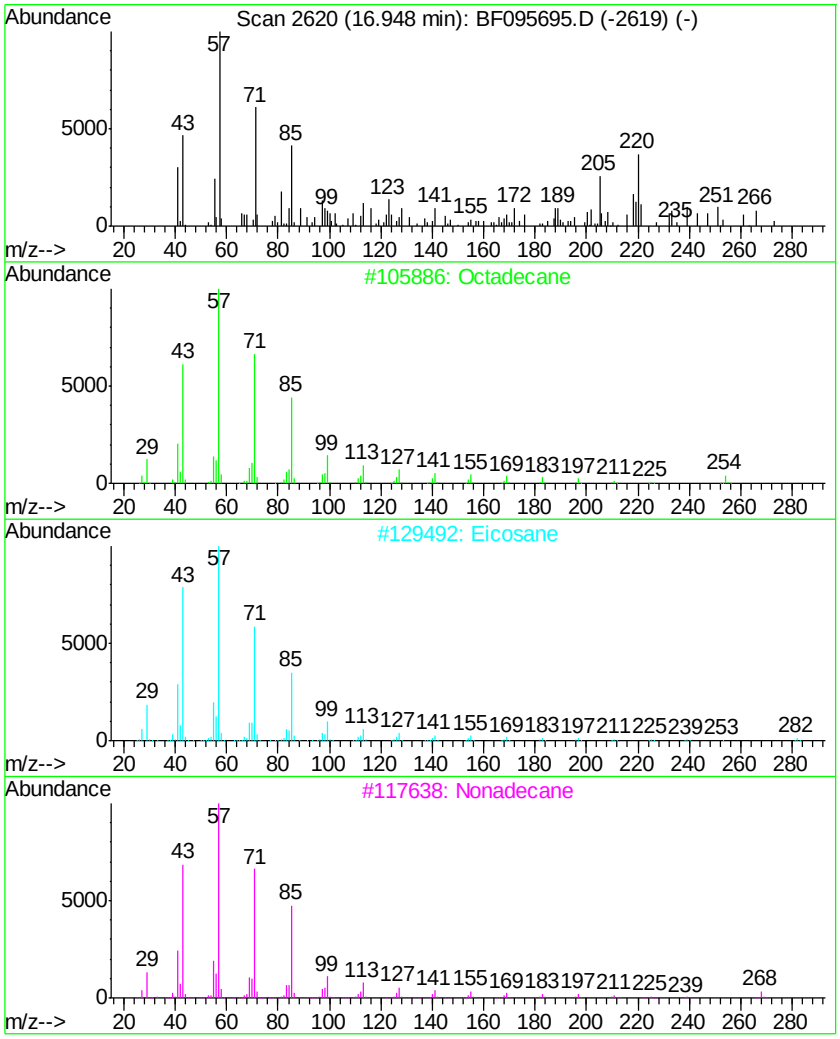
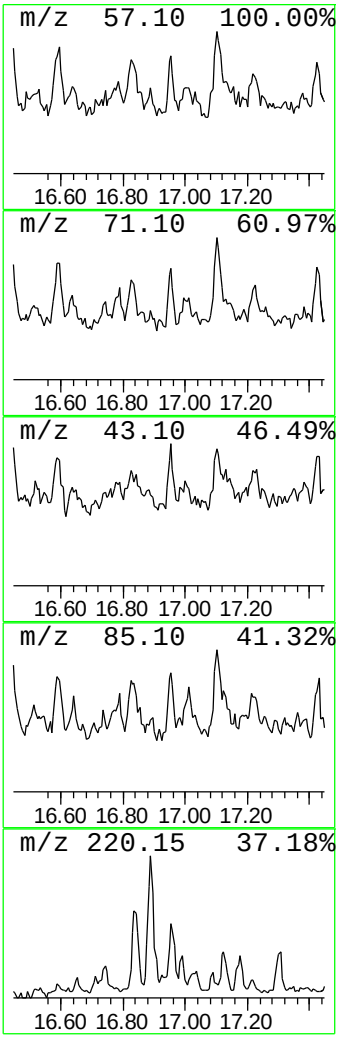
Peak Number 17 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	2.09 ng	60403	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	51
2	Eicosane	282	C20H42	000112-95-8	42
3	Nonadecane	268	C19H40	000629-92-5	38
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	30
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	25





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Sample : I3441-09 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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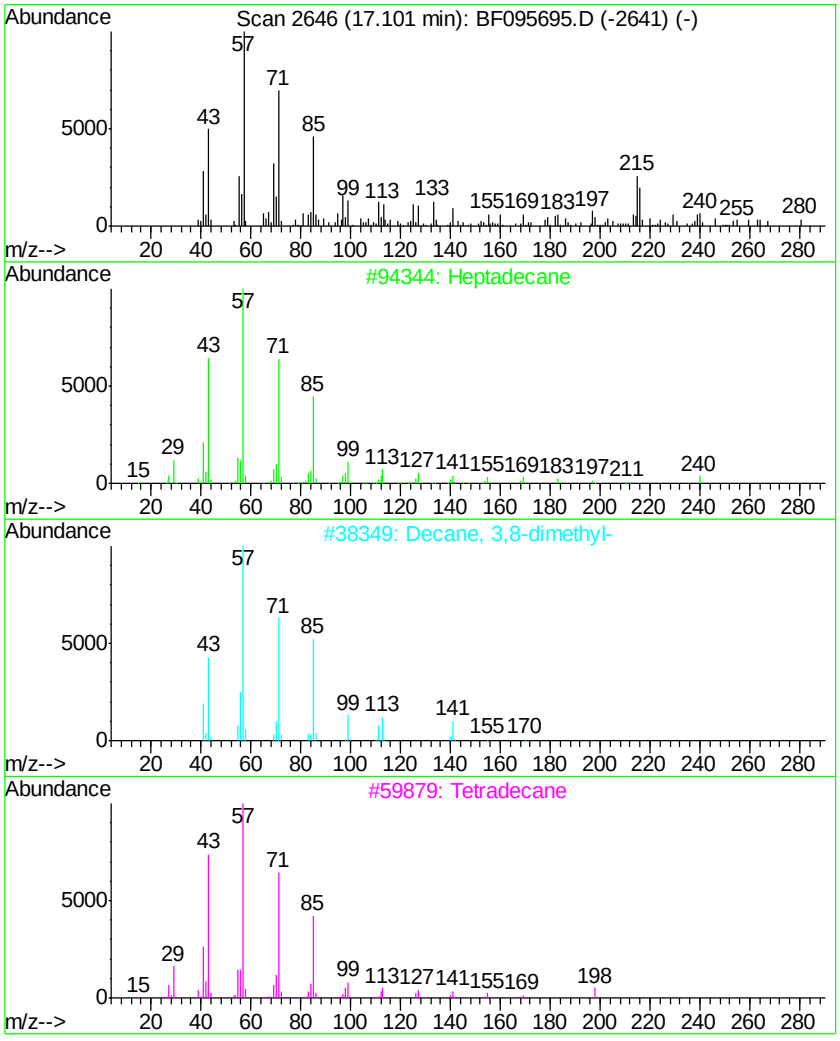
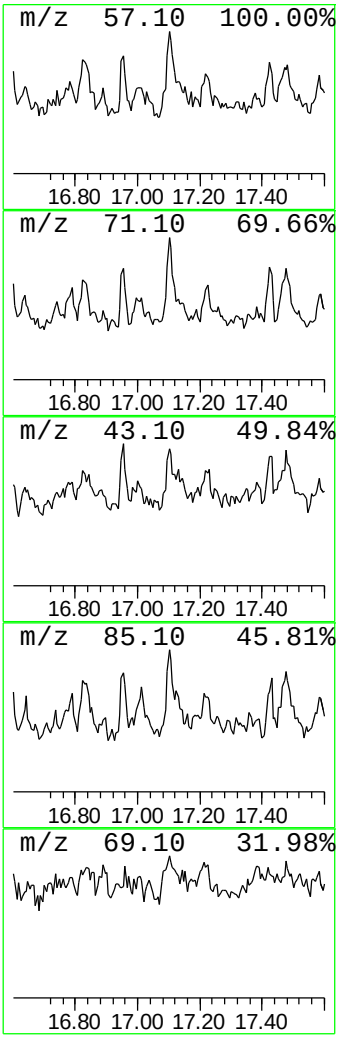
Peak Number 18 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	6.72 ng	194566	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3	Tetradecane	198	C14H30	000629-59-4	55
4	Hexadecane	226	C16H34	000544-76-3	50
5	Tetratetracontane	619	C44H90	007098-22-8	45





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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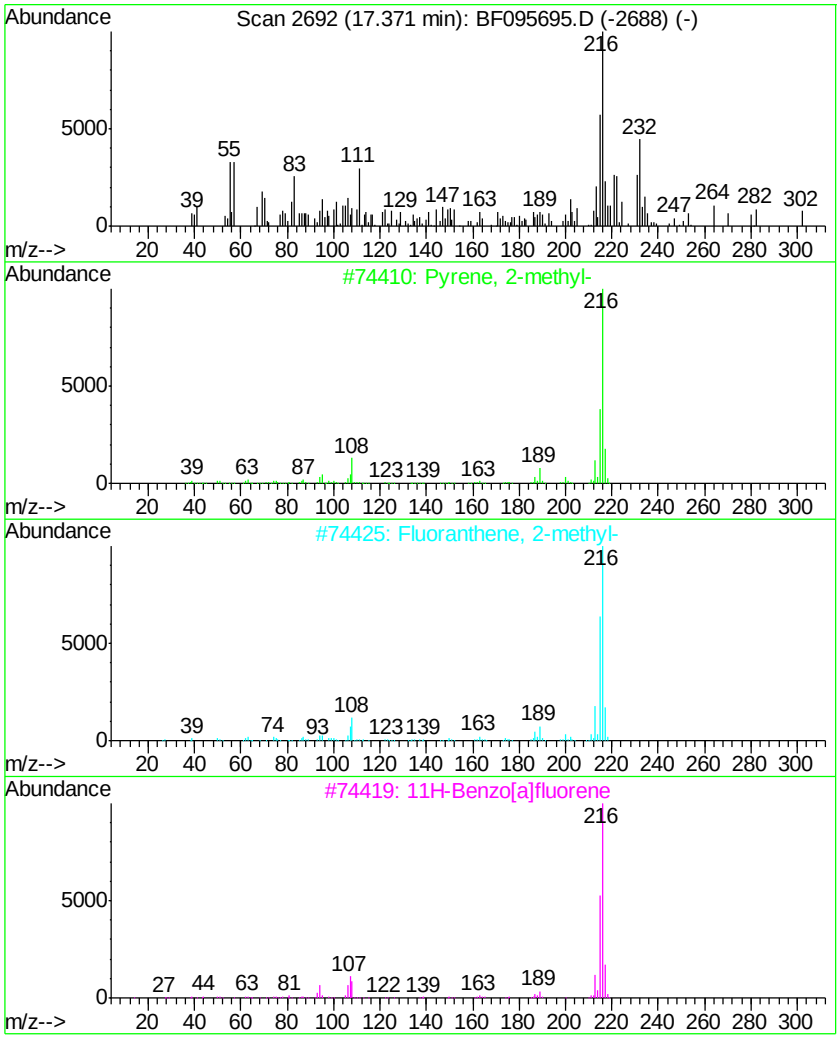
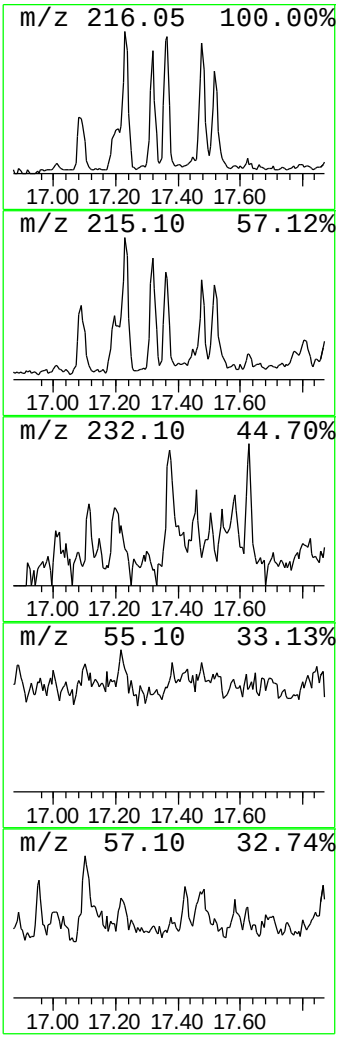
Peak Number 19 Pyrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	4.69 ng	135653	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	59





Tentatively Identified Compound (LSC) summary

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Data File : BF095695.D
Acq On : 6 Jun 2017 2:58
Operator : SJ/MA
Sample : I3441-09 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-RO-6789-060117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
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2-Pentanone, 4-hy...	4.59	2.1	ng	58190	1	7.40	560725	20.0
unknown7.05	7.05	35.9	ng	1007720	1	7.40	560725	20.0
Mesitylene	7.13	2.3	ng	65165	1	7.40	560725	20.0
Undecane	8.44	2.0	ng	79712	2	9.43	780696	20.0
Naphthalene, 1-me...	10.74	3.2	ng	124407	2	9.43	780696	20.0
Naphthalene, 1,6-...	11.73	2.0	ng	69434	3	12.25	689392	20.0
Octadecane, 2,6-d...	13.90	6.1	ng	226914	4	14.64	744261	20.0
2-methyltetracosane	15.22	2.8	ng	103838	4	14.64	744261	20.0
Anthracene, 2-met...	15.49	3.1	ng	114834	4	14.64	744261	20.0
Phenanthrene, 1-m...	15.65	4.1	ng	152553	4	14.64	744261	20.0
Tetradecane	15.89	2.7	ng	101587	4	14.64	744261	20.0
Phenanthrene, 2,5...	16.26	3.7	ng	137139	4	14.64	744261	20.0
Hexadecane	16.30	3.9	ng	146387	4	14.64	744261	20.0
Phenanthrene, 2,3...	16.89	2.9	ng	83964	5	18.35	578954	20.0
Octadecane	16.95	2.1	ng	60403	5	18.35	578954	20.0
Heptadecane	17.10	6.7	ng	194566	5	18.35	578954	20.0
Pyrene, 2-methyl-	17.37	4.7	ng	135653	5	18.35	578954	20.0