LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115995.D
Acq On : 5 Aug 2019 22:14
Operator : HP/JU
Sample : K4095-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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	2.128	3	7	18	rVB	827467	1061775	13.88%	1.570%
2	5.469	571	575	595	rBV	2903577	2900288	37.91%	4.288%
3	6.481	742	747	766	rBV	2724053	3103177	40.56%	4.588%
4	6.616	766	770	773	rBV	3366345	3062328	40.02%	4.528%
5	6.839	805	808	818	rBV	960848	848168	11.09%	1.254%
6	6.998	831	835	847	rBV	2836317	2522712	32.97%	3.730%
7	7.404	900	904	907	rBV	2100341	1895342	24.77%	2.803%
8	8.122	1021	1026	1033	rBV	1211920	1122583	14.67%	1.660%
9	8.945	1161	1166	1168	rBV2	69344	84302	1.10%	0.125%
10	9.198	1204	1209	1212	rBV	3973838	3493634	45.66%	5.166%
11	9.281	1219	1223	1228	rBV2	133583	136574	1.78%	0.202%
12	9.586	1273	1275	1279	rBV	294378	330144	4.31%	0.488%
13	9.739	1297	1301	1305	rBV	227160	220041	2.88%	0.325%
14	9.810	1305	1313	1317	rBV	190919	207137	2.71%	0.306%
15	9.875	1317	1324	1328	rBV	1431565	1315167	17.19%	1.945%
16	10.080	1357	1359	1364	rVB3	63403	79336	1.04%	0.117%
17	10.128	1364	1367	1371	rBV4	66023	84757	1.11%	0.125%
18	10.304	1395	1397	1400	rVB	278247	221083	2.89%	0.327%
19	10.422	1414	1417	1423	rVB	104418	137729	1.80%	0.204%
20	10.527	1430	1435	1440	rBV	117531	168437	2.20%	0.249%
21	10.663	1453	1458	1470	rBV	2083747	2222111	29.04%	3.286%
22	10.780	1475	1478	1486	rVB	318477	420049	5.49%	0.621%
23	10.975	1507	1511	1513	rBV2	60368	78542	1.03%	0.116%
24	11.227	1550	1554	1556	rBV	309185	263050	3.44%	0.389%
25	11.257	1556	1559	1565	rVB	183026	195701	2.56%	0.289%
26	11.363	1573	1577	1579	rBV	1464714	1277001	16.69%	1.888%
27	11.386	1579	1581	1587	rVV	614800	556416	7.27%	0.823%
28	11.439	1587	1590	1593	rVB	186248	170140	2.22%	0.252%
29	11.604	1614	1618	1623	rBV3	51371	89770	1.17%	0.133%
30	11.651	1623	1626	1628	rBV	319056	257599	3.37%	0.381%
31	11.674	1628	1630	1632	rVB	117502	81171	1.06%	0.120%
32	11.751	1639	1643	1646	rBV	3283323	2730964	35.69%	4.038%
33	11.863	1659	1662	1664	rBV	110613	100390	1.31%	0.148%
34	11.892	1664	1667	1673	rVB	440395	432453	5.65%	0.639%

LSC Area Percent Report

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Sample : K4095-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.974	1678	1681	1684	rVV	298428	316394	4.14%	0.468%
36	12.057	1690	1695	1700	rBV2	261049	277031	3.62%	0.410%
37	12.157	1709	1712	1715	rBV	139713	117088	1.53%	0.173%
38	12.445	1756	1761	1762	rVV	4967270	5568492	72.78%	8.234%
39	12.469	1762	1765	1770	rVV	6072174	7651323	100.00%	11.314%
40	12.504	1770	1771	1775	rVB3	156939	138259	1.81%	0.204%
41	12.545	1775	1778	1780	rBV	1705236	1389916	18.17%	2.055%
42	12.574	1780	1783	1786	rBV	1596802	1416672	18.52%	2.095%
43	12.674	1797	1800	1805	rVB	284394	281139	3.67%	0.416%
44	12.780	1814	1818	1819	rBV2	267961	303298	3.96%	0.448%
45	12.804	1819	1822	1829	rVV	1571962	1725150	22.55%	2.551%
46	12.863	1829	1832	1836	rVB2	74690	96630	1.26%	0.143%
47	12.945	1841	1846	1849	rBV	3336729	3239494	42.34%	4.790%
48	12.974	1849	1851	1855	rVB3	76977	83104	1.09%	0.123%
49	13.027	1855	1860	1866	rBV4	143750	329427	4.31%	0.487%
50	13.104	1870	1873	1875	rBV3	245127	302037	3.95%	0.447%
51	13.133	1876	1878	1882	rVB	281837	274411	3.59%	0.406%
52	13.186	1882	1887	1892	rBV3	286904	574177	7.50%	0.849%
53	13.239	1893	1896	1898	rBV2	147345	145188	1.90%	0.215%
54	13.263	1898	1900	1903	rVB	247375	204774	2.68%	0.303%
55	13.298	1903	1906	1909	rBV3	77433	102253	1.34%	0.151%
56	13.327	1909	1911	1914	rBV	94690	109851	1.44%	0.162%
57	13.363	1914	1917	1920	rVB	77718	89476	1.17%	0.132%
58	13.516	1940	1943	1945	rBV	130145	111819	1.46%	0.165%
59	13.645	1962	1965	1969	rVB2	108942	129613	1.69%	0.192%
60	13.686	1969	1972	1976	rVB3	76050	106977	1.40%	0.158%
61	13.751	1981	1983	1985	rVV	132473	119318	1.56%	0.176%
62	13.780	1985	1988	1990	rVV	126391	129737	1.70%	0.192%
63	13.804	1990	1992	1996	rVV2	142707	191457	2.50%	0.283%
64	13.851	1996	2000	2009	rVV4	274007	525486	6.87%	0.777%
65	13.933	2011	2014	2018	rVB2	151130	149449	1.95%	0.221%
66	13.998	2021	2025	2028	rVV2	1280391	1785290	23.33%	2.640%
67	14.027	2028	2030	2038	rVB	730551	705332	9.22%	1.043%
68	14.110	2042	2044	2047	rVB	104434	77306	1.01%	0.114%
69	14.157	2049	2052	2057	rBV3	203168	221511	2.90%	0.328%
70	14.221	2061	2063	2067	rBV2	58995	91588	1.20%	0.135%
71	14.386	2089	2091	2094	rVB	126231	119222	1.56%	0.176%

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Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-080219-A

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.463	2101	2104	2106	rBV2	166464	170596	2.23%	0.252%
73	14.515	2110	2113	2115	rVV	87353	79839	1.04%	0.118%
74	14.768	2153	2156	2159	rBV2	98786	114237	1.49%	0.169%
75	14.886	2173	2176	2179	rBV2	124051	145916	1.91%	0.216%
76	15.045	2198	2203	2206	rBV	858019	1296317	16.94%	1.917%
77	15.098	2210	2212	2218	rVB3	135083	166240	2.17%	0.246%
78	15.151	2218	2221	2225	rBV	201715	216926	2.84%	0.321%
79	15.345	2250	2254	2260	rVB	457115	595359	7.78%	0.880%
80	15.404	2260	2264	2269	rVV	748741	980846	12.82%	1.450%
81	15.468	2270	2275	2278	rVV	839004	1098164	14.35%	1.624%
82	15.498	2278	2280	2290	rVB2	246145	310569	4.06%	0.459%
83	15.904	2346	2349	2353	rVB2	116282	151263	1.98%	0.224%
84	16.933	2519	2524	2530	rBV	342917	635698	8.31%	0.940%
85	17.374	2594	2599	2611	rVB	271347	598227	7.82%	0.885%

Sum of corrected areas: 67629957

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
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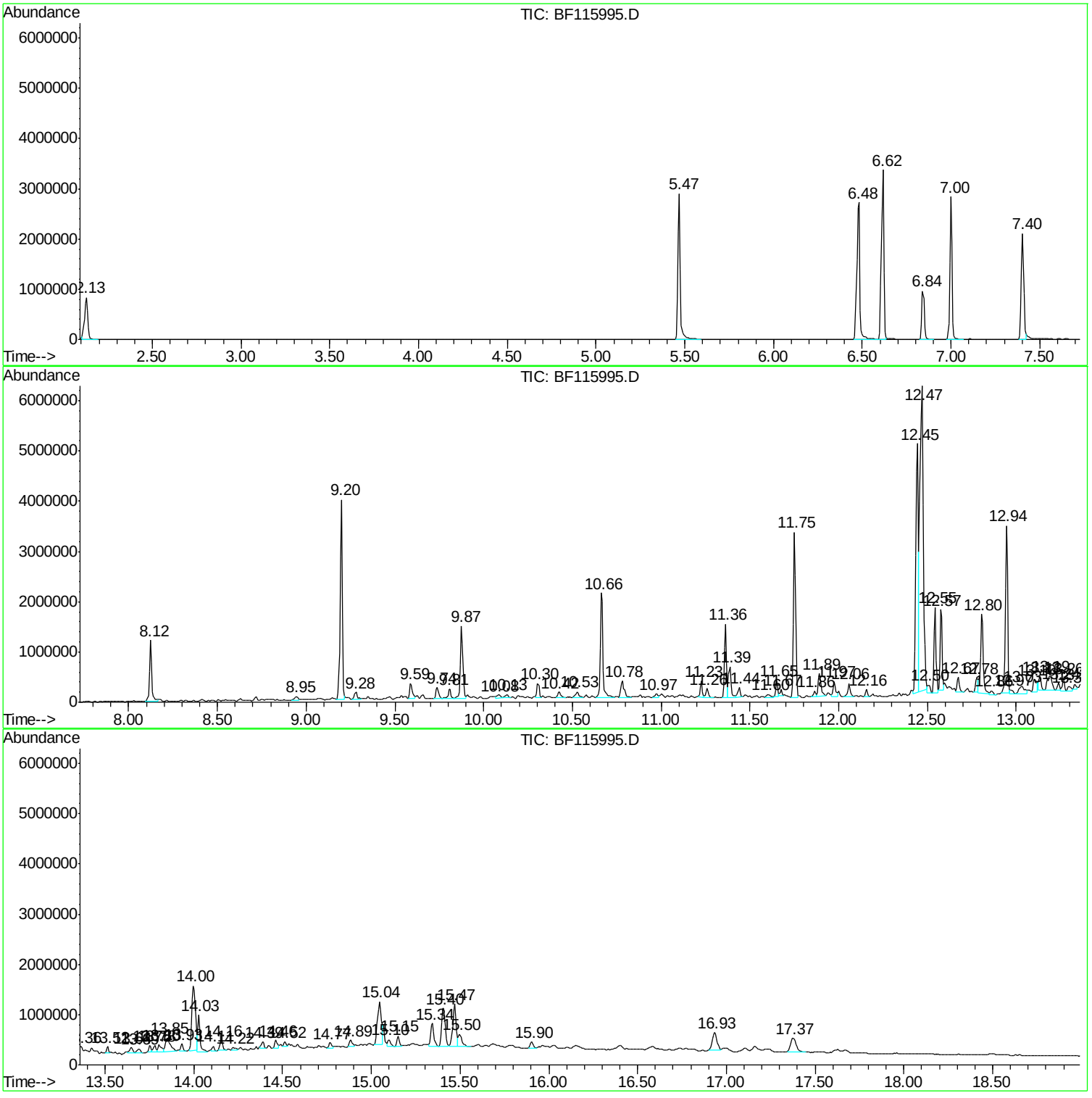
Sample : K4095-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115995.D
Acq On : 5 Aug 2019 22:14
Operator : HP/JU
Sample : K4095-01
Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

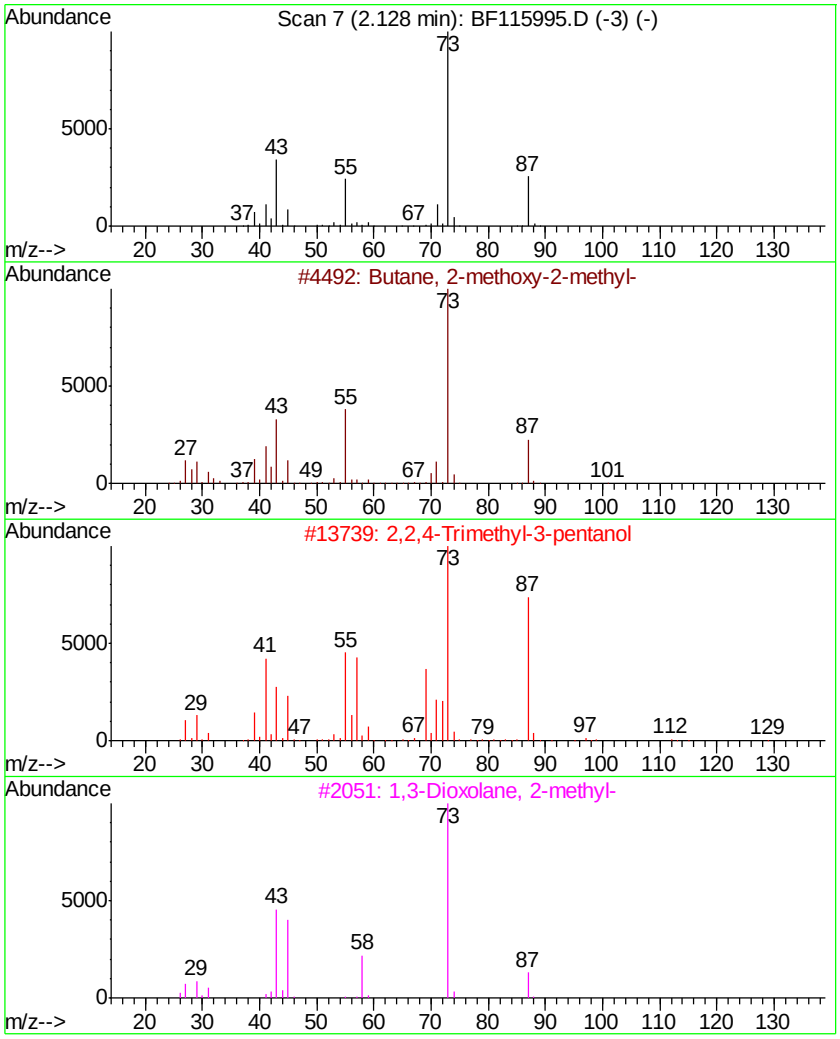
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

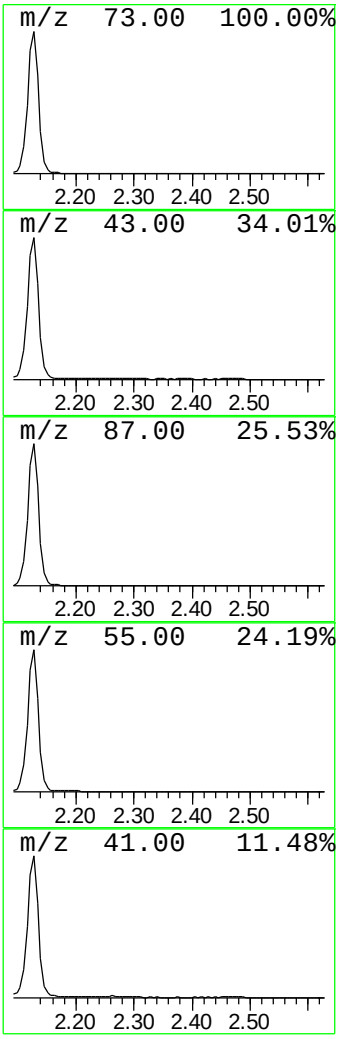
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	25.04 ng	1061780	1,4-Dichlorobenzene-d4	6.84

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
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Operator : HP/JU
Sample : K4095-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

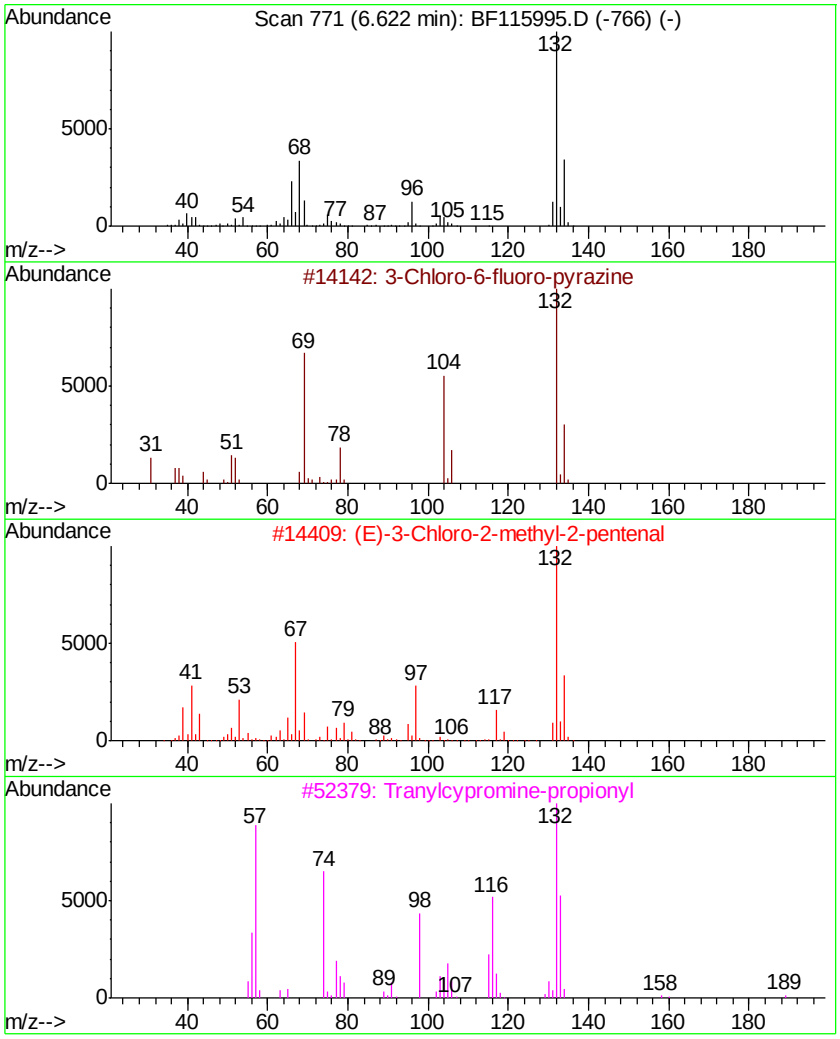
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

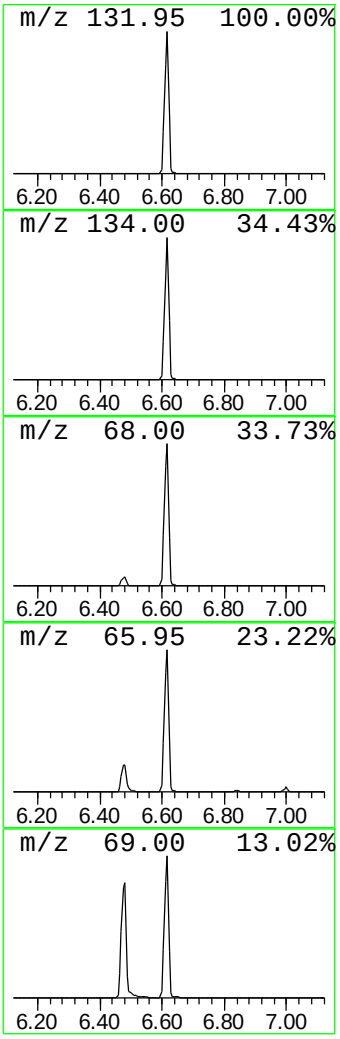
****

Peak Number 2 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	72.21 ng	3062330	1,4-Dichlorobenzene-d4	6.84

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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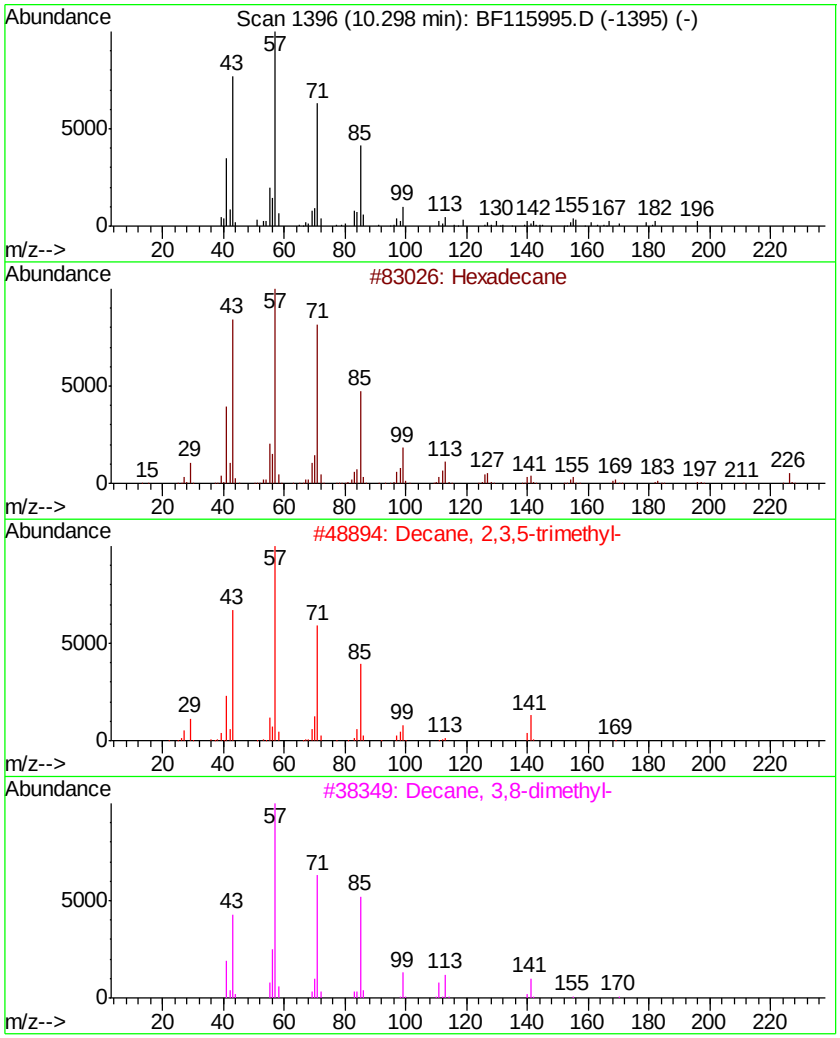
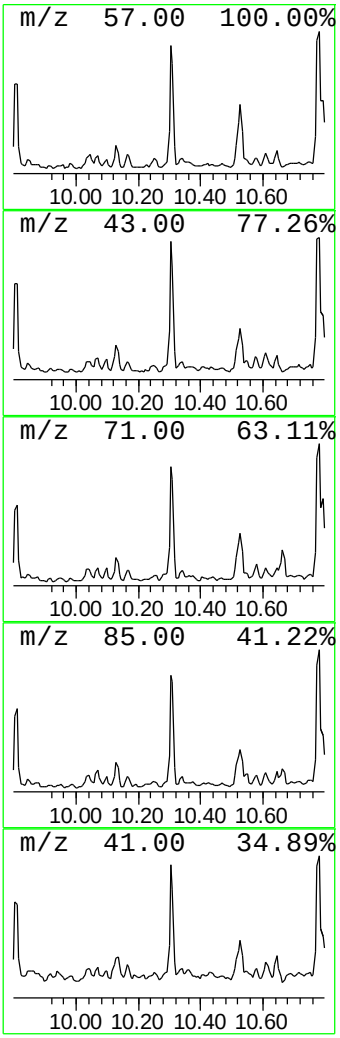
****

Peak Number 4 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	3.36 ng	221083	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Library Search Compound Report

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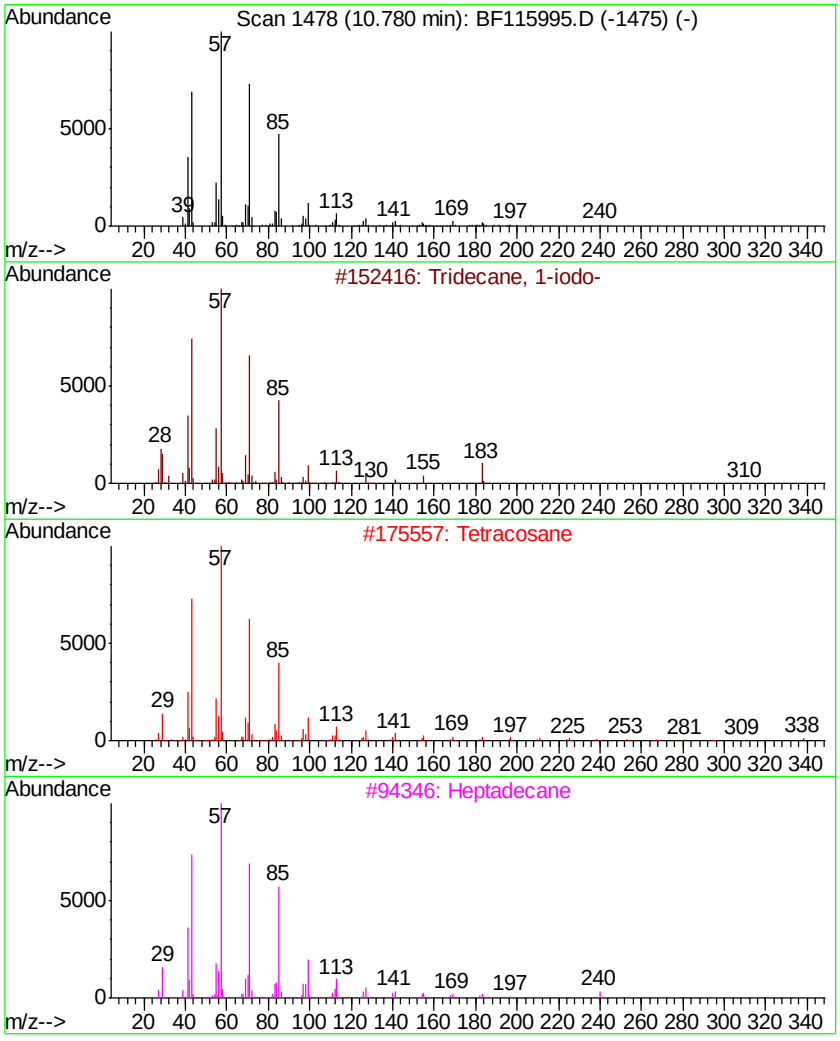
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

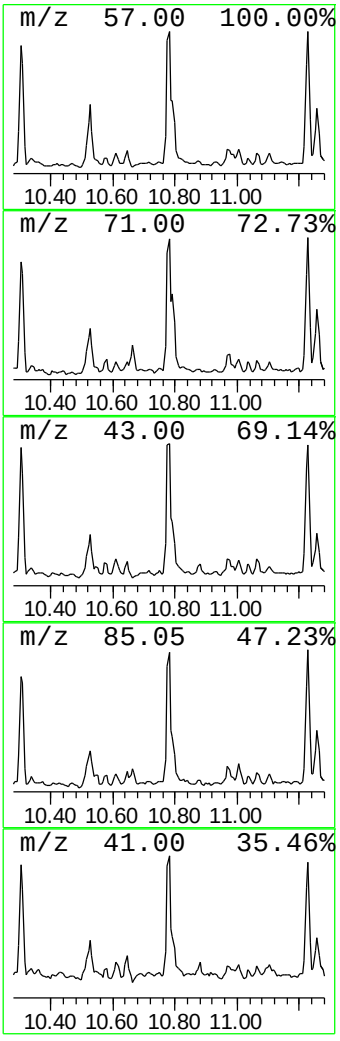
****

Peak Number 5 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	6.58 ng	420049	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane	226	C16H34	000544-76-3	87





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Sample : K4095-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

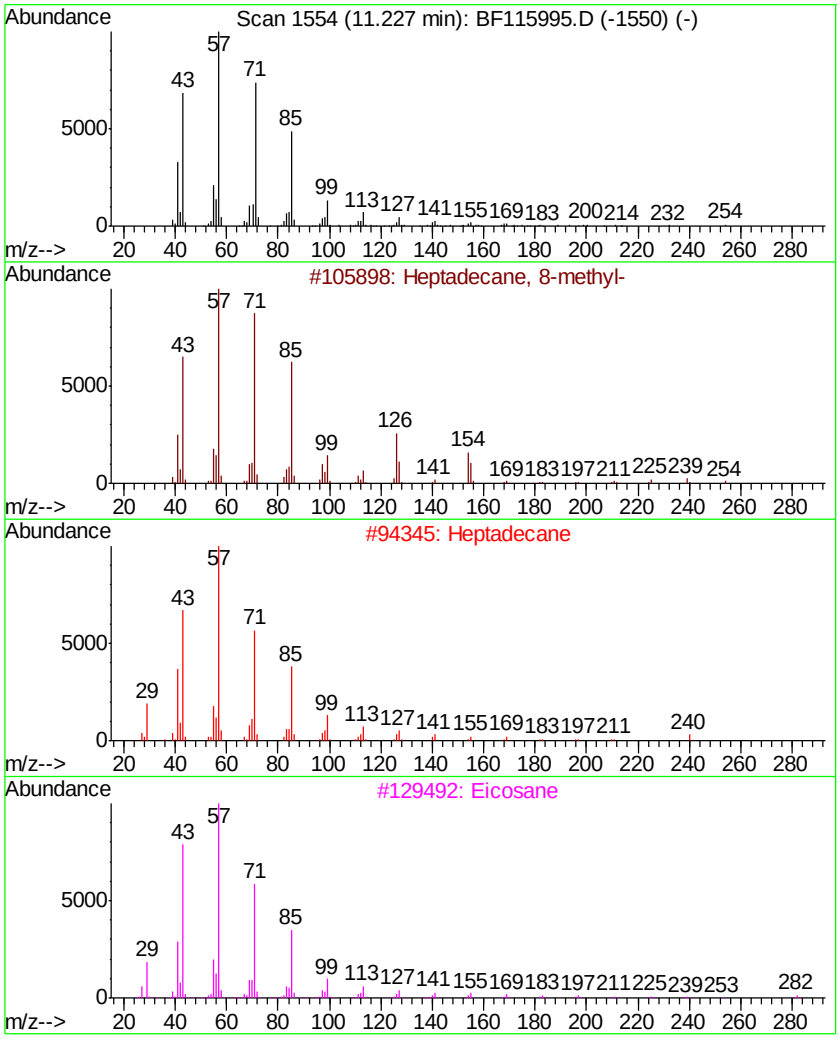
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

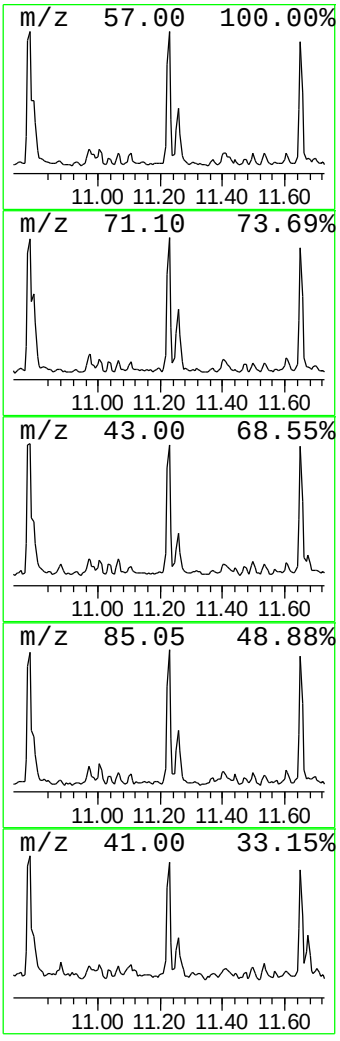
****

Peak Number 6 Heptadecane, 8-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	4.12 ng	263050	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
2	Heptadecane	240	C17H36	000629-78-7	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

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Data File : BF115995.D
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Operator : HP/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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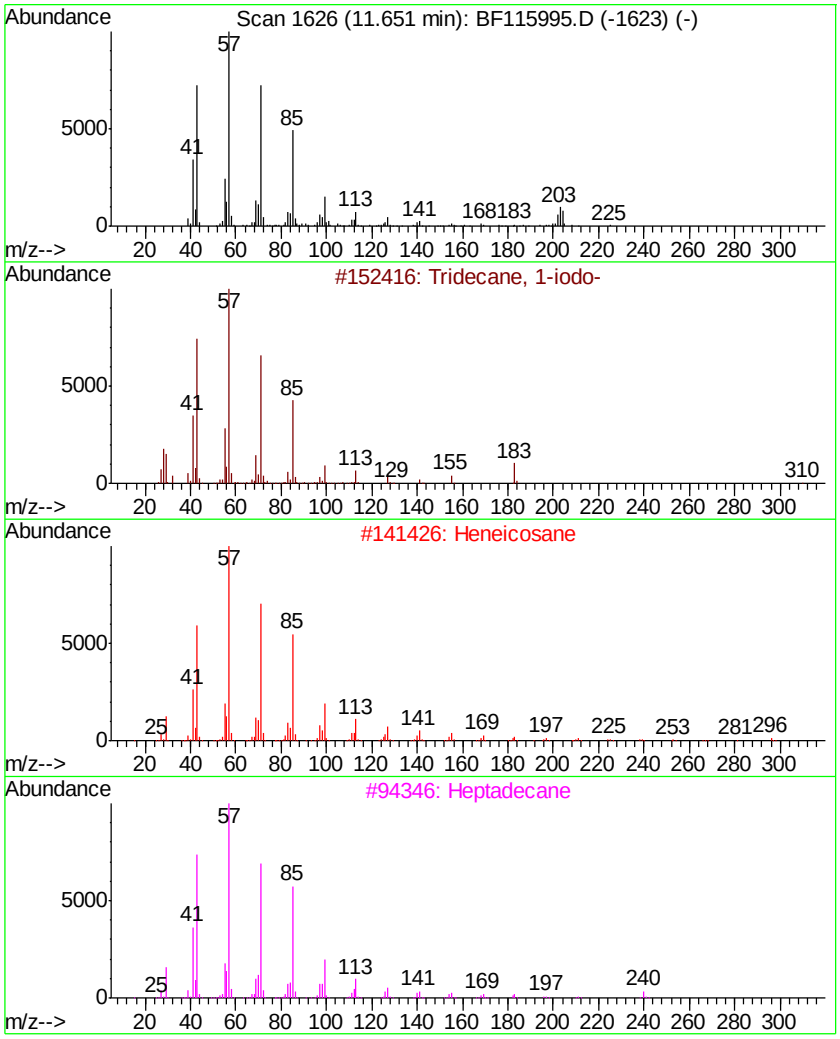
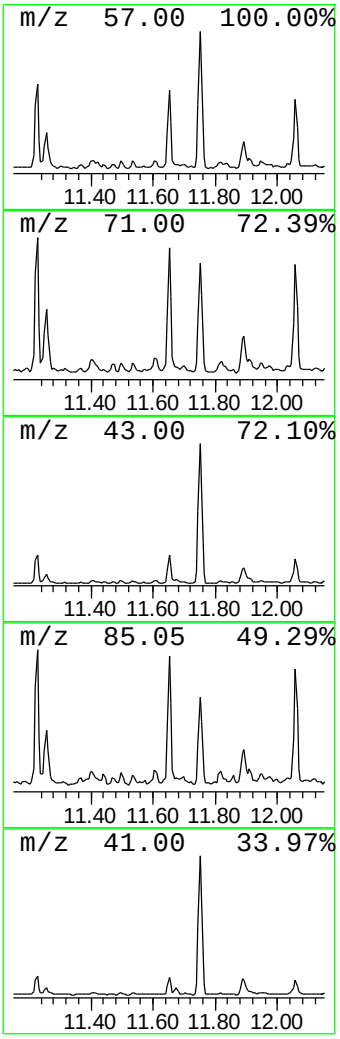
Peak Number 7 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.03 ng	257599	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
2	Heneicosane	296	C21H44	000629-94-7	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Tetracosane	338	C24H50	000646-31-1	80





Library Search Compound Report

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Acq On : 5 Aug 2019 22:14
Operator : HP/JU
Sample : K4095-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080219-A

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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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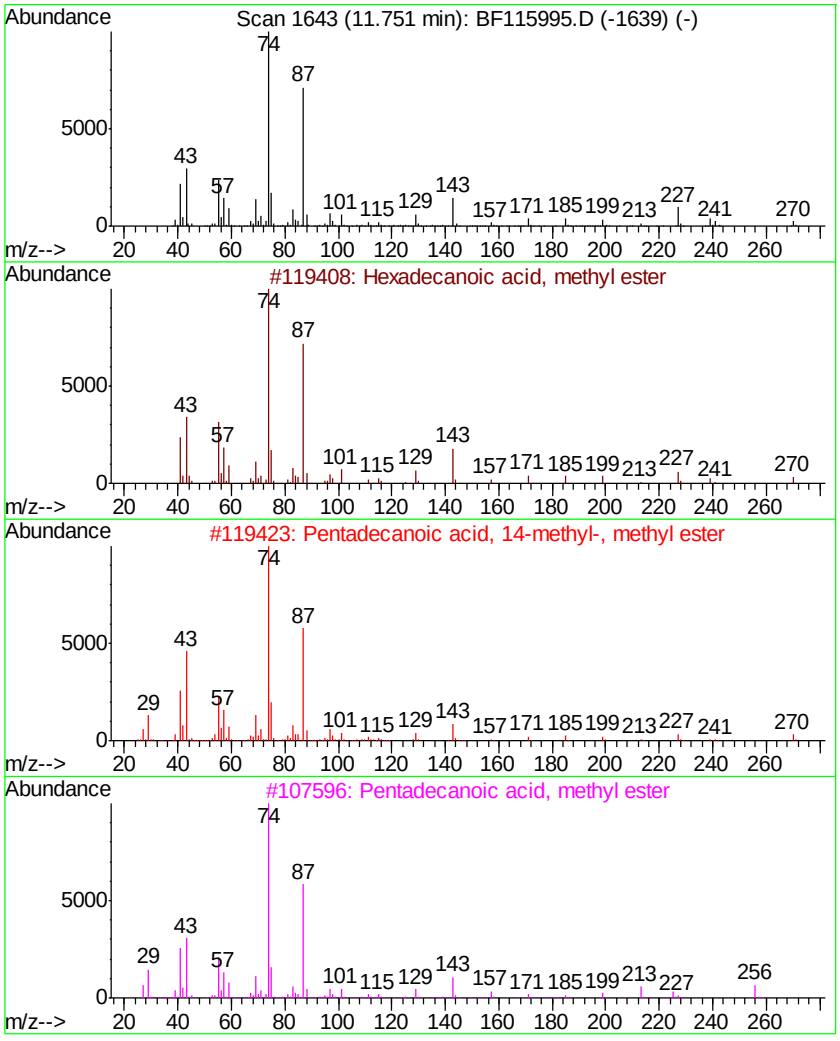
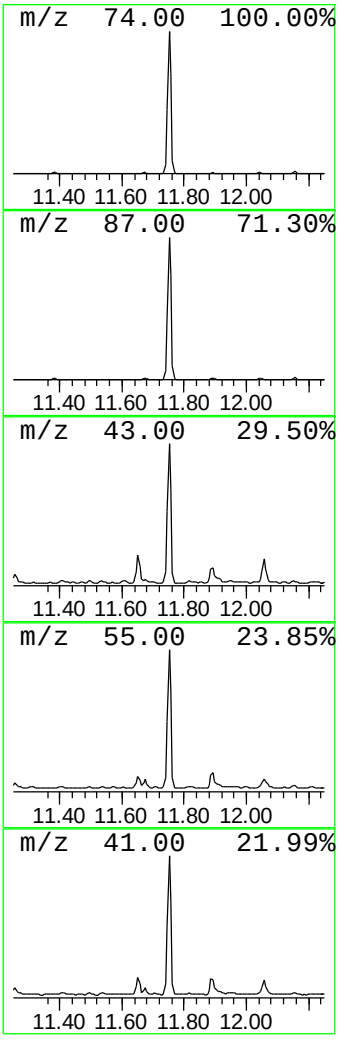
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	42.77 ng	2730960	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80





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Sample : K4095-01
Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-080219-A

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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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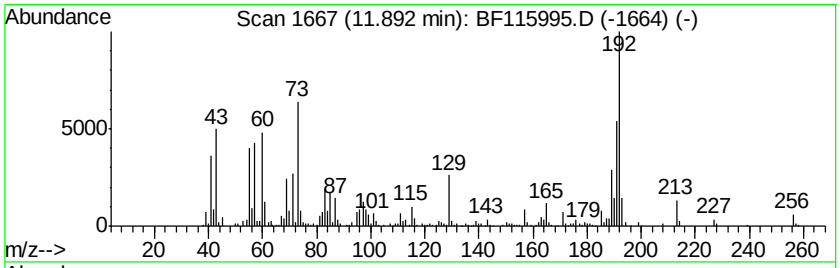
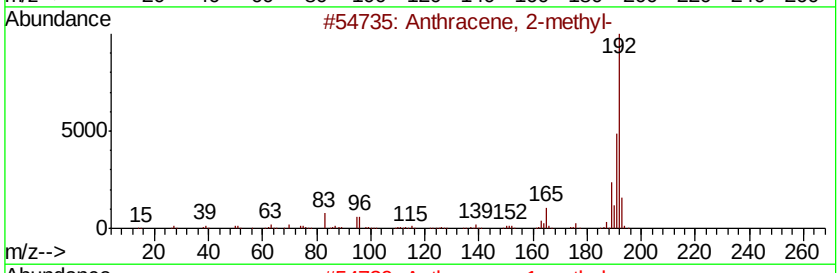
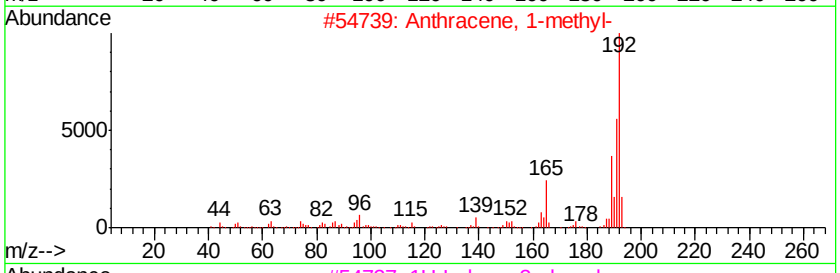
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 8

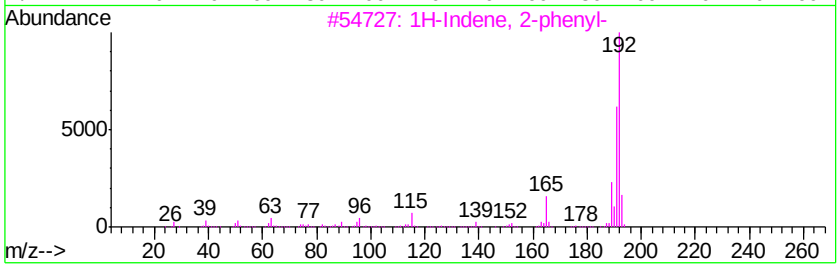
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.77 ng	432453	Phenanthrene-d10	11.36

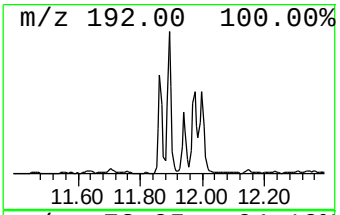
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90

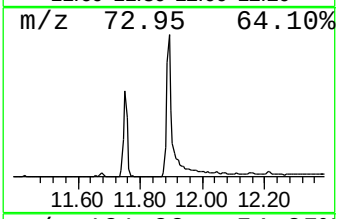


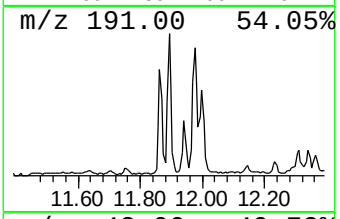


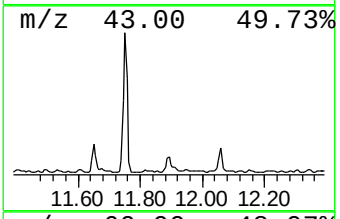


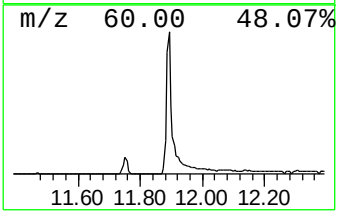












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Acq On : 5 Aug 2019 22:14
Operator : HP/JU
Sample : K4095-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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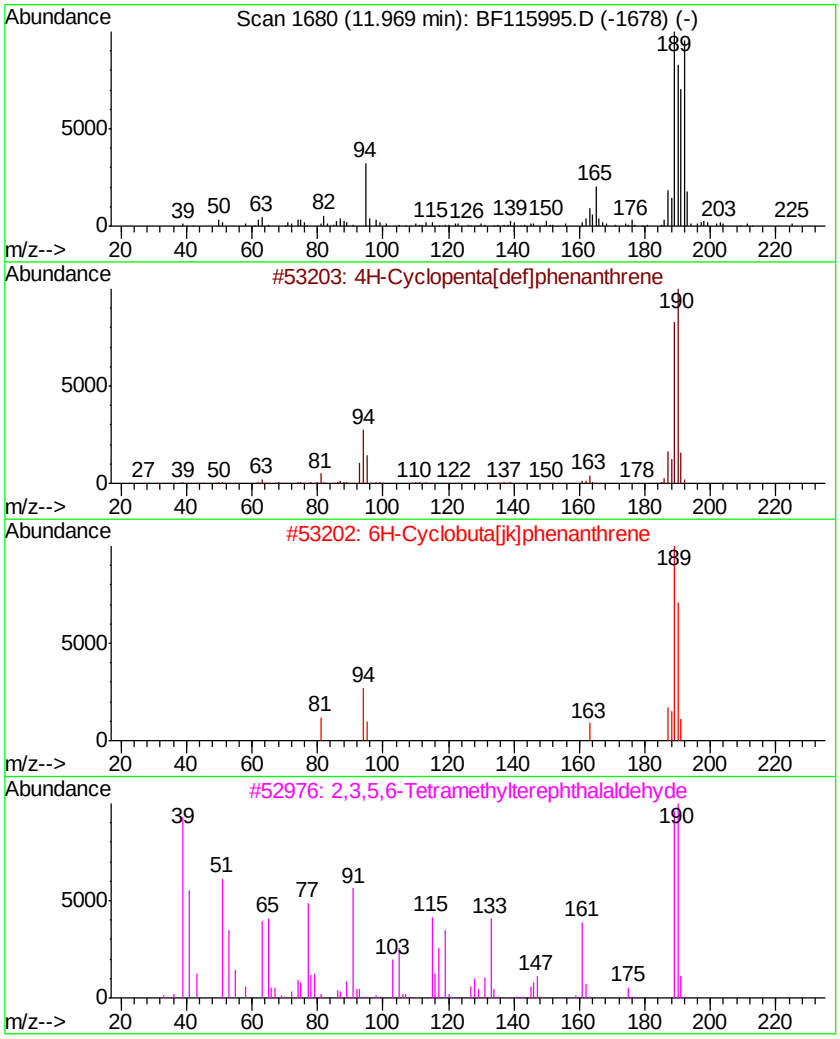
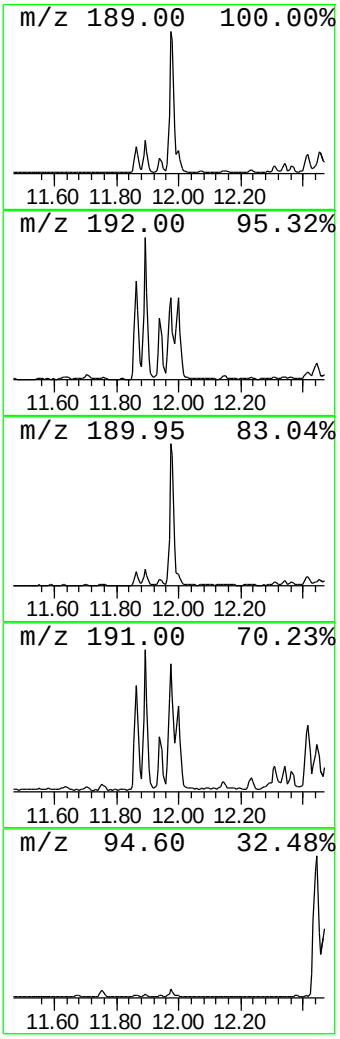
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.96 ng	316394	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23





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Instrument : BNA_F
ClientSampleId : SU-02-080219-A

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

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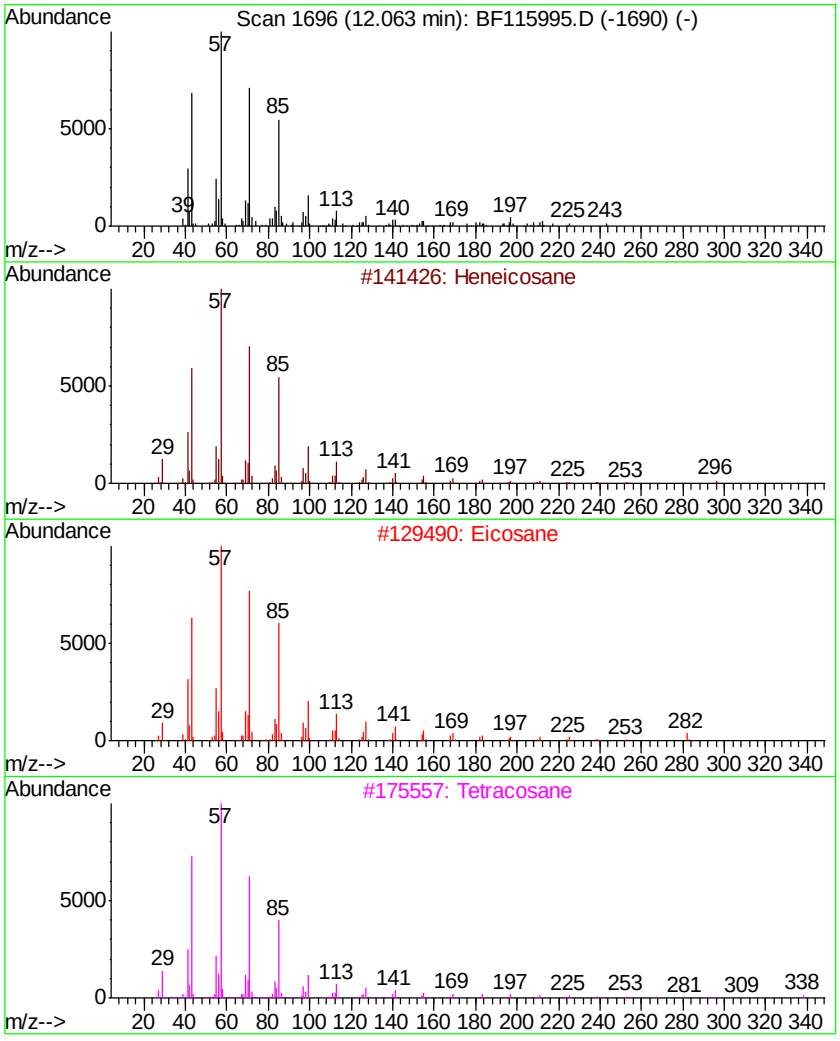
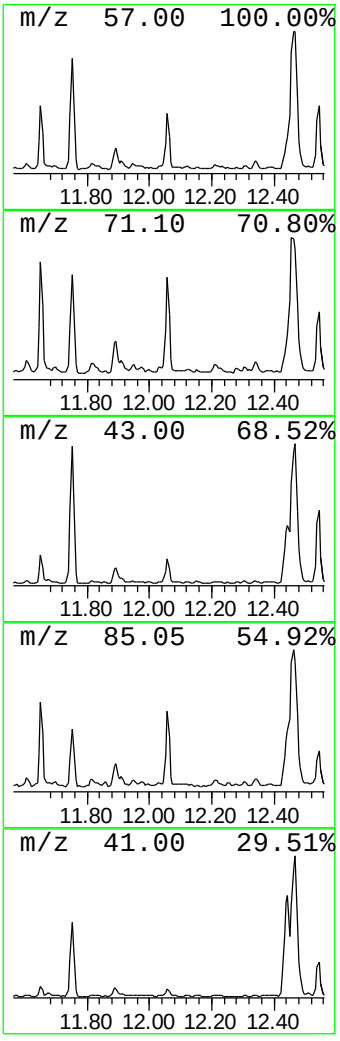
Peak Number 11 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	4.34 ng	277031	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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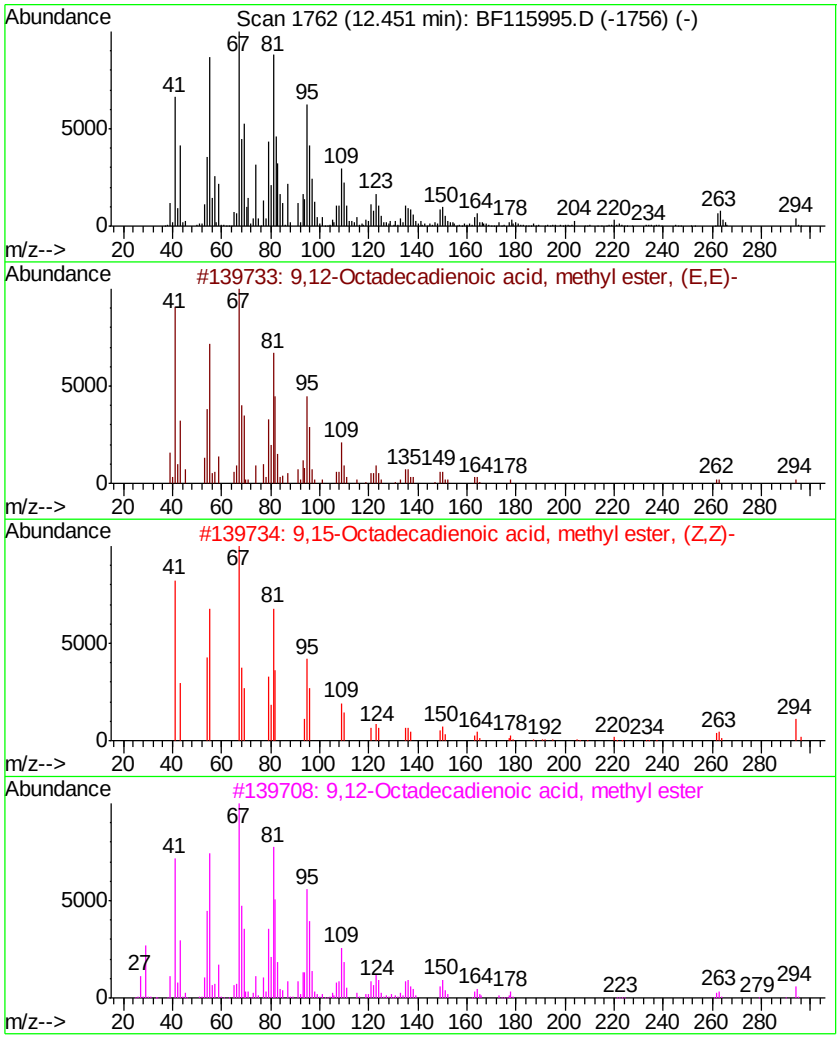
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

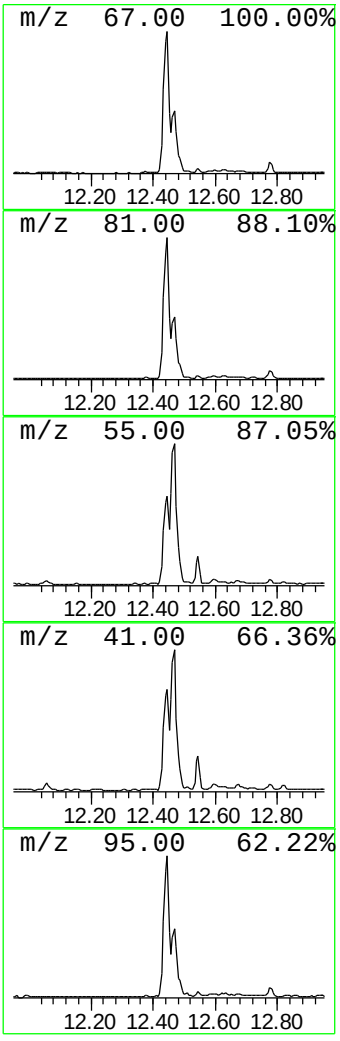
****

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	87.21 ng	5568490	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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ClientSampleId : SU-02-080219-A

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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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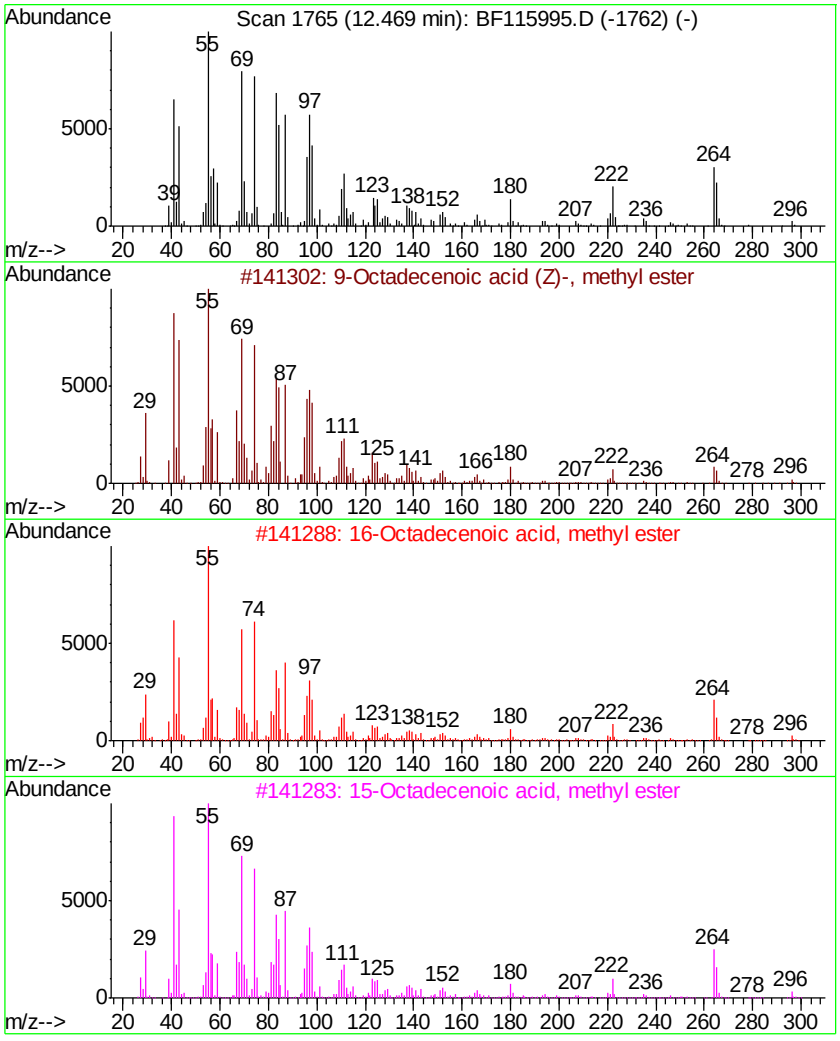
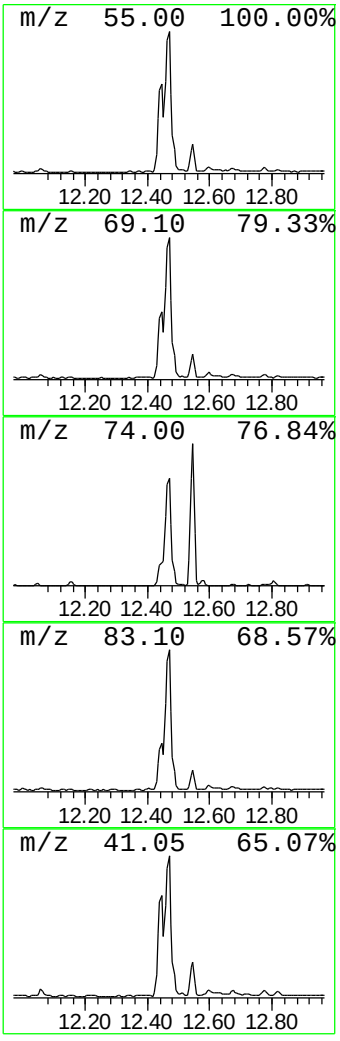
Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	119.83 ng	7651320	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	95
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94





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TIC Integration Parameters: LSCINT.P

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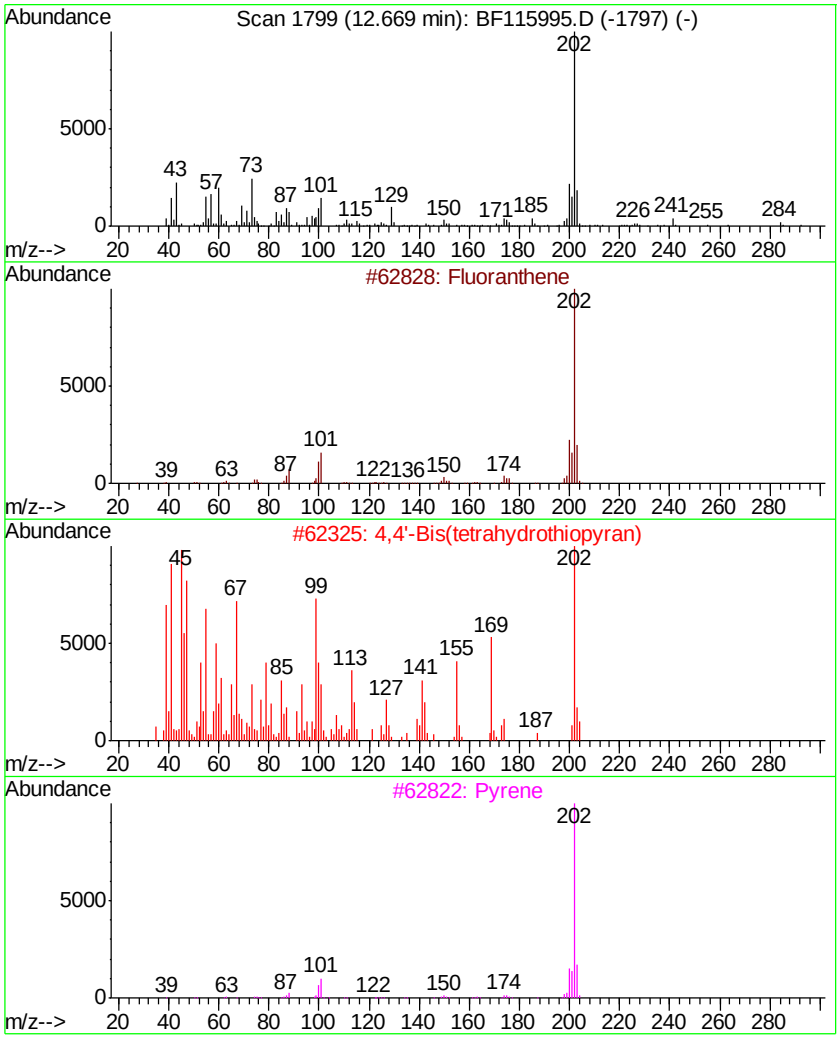
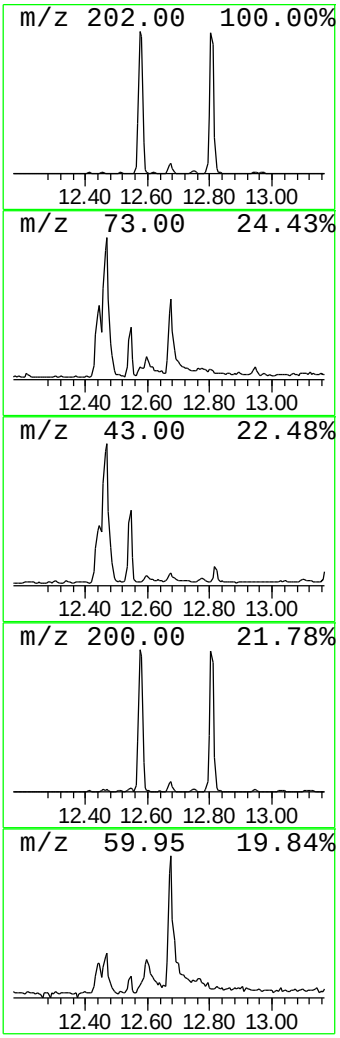
Peak Number 14 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	4.40 ng	281139	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	89
3	Pyrene	202	C16H10	000129-00-0	70
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	53
5	1H-Indole-3-propanoic acid, 1-(t...	275	C15H21NO2Si	056196-72-6	42





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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.69 ng	329427	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
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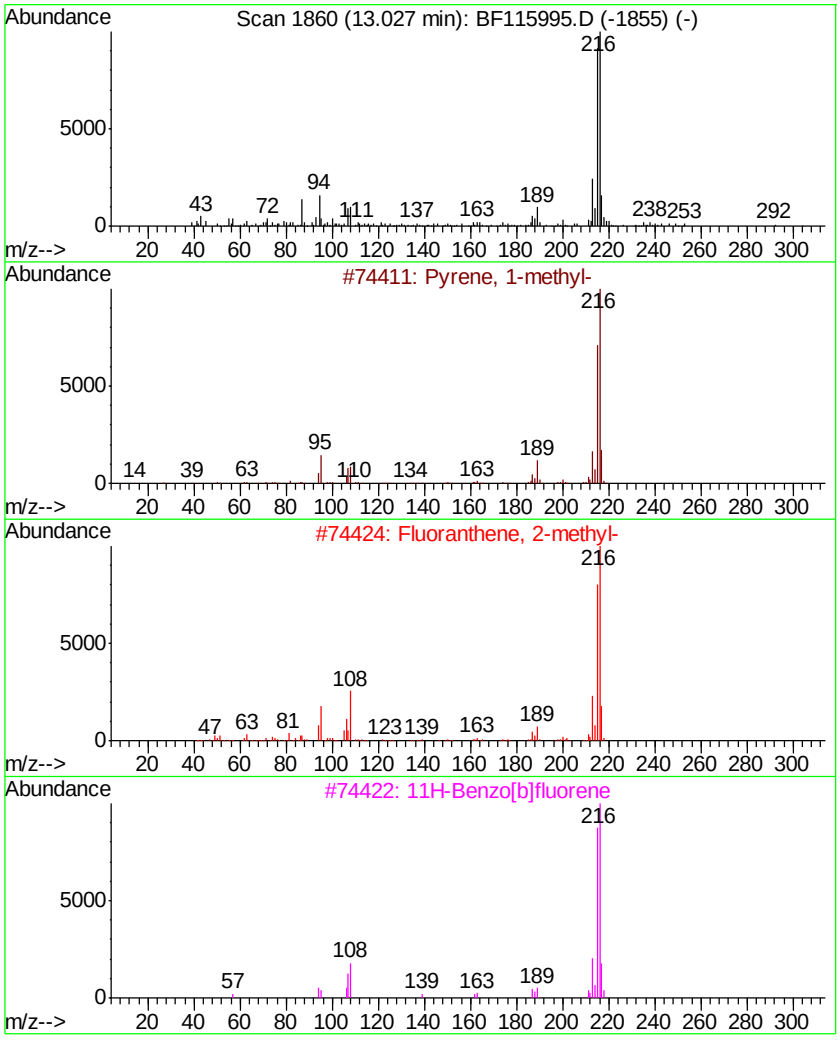

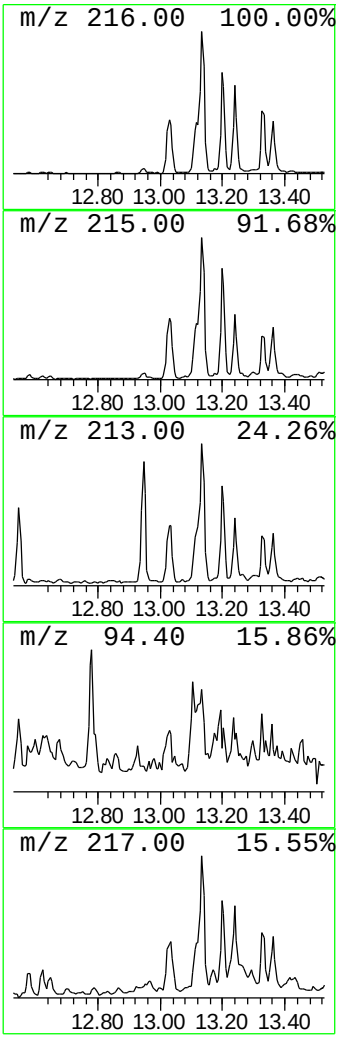

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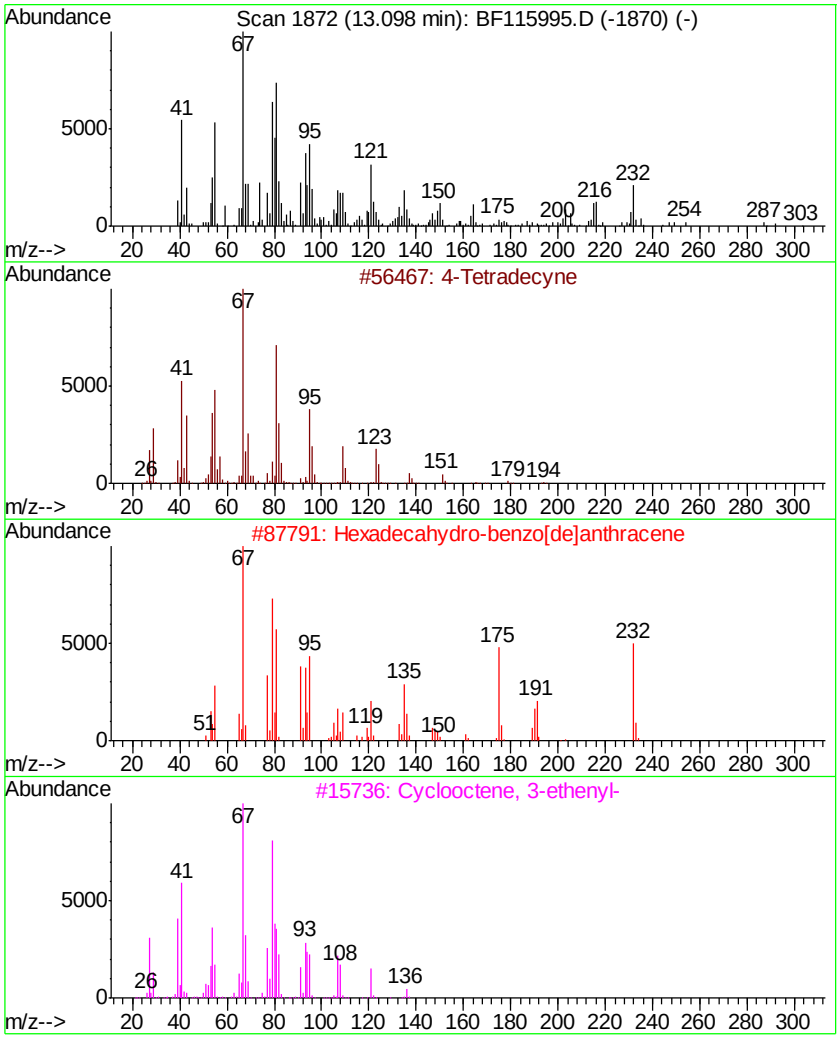
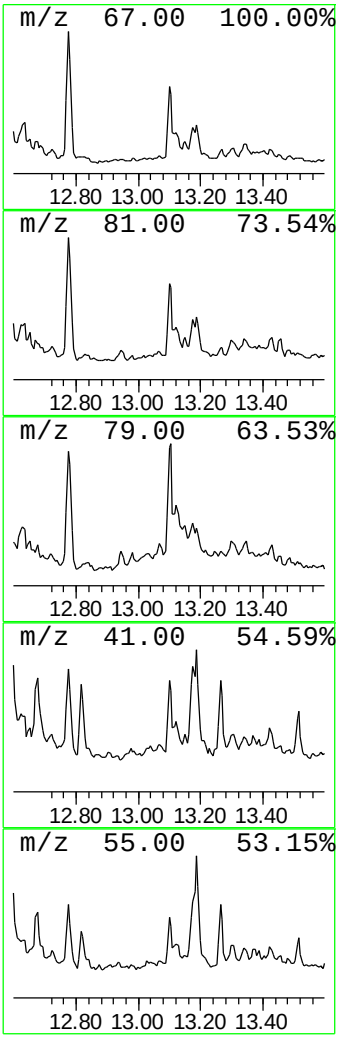
Peak Number 16 4-Tetradecyne Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.38 ng	302037	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Tetradecyne	194	C14H26	060212-33-1	55
2	Hexadecahydro-benzo[de]anthracene	232	C17H28	1000371-48-1	55
3	Cyclooctene, 3-ethenyl-	136	C10H16	002213-60-7	46
4	5-Dodecyne	166	C12H22	019780-12-2	42
5	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	38





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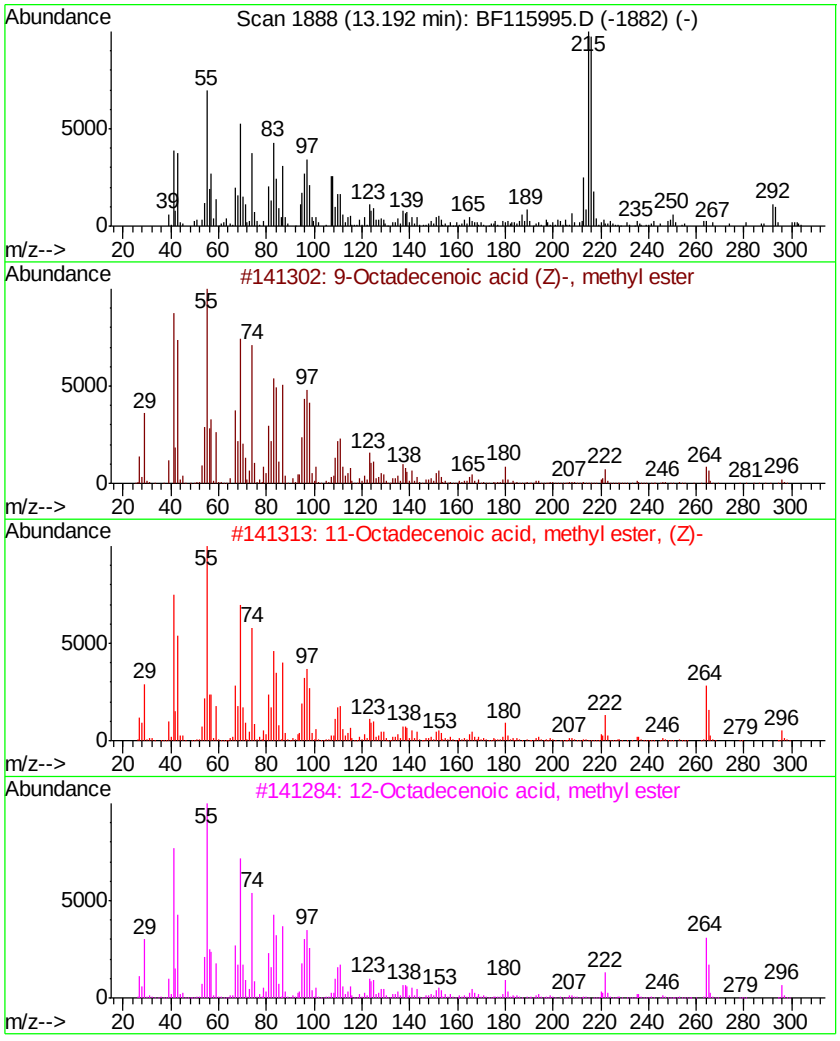
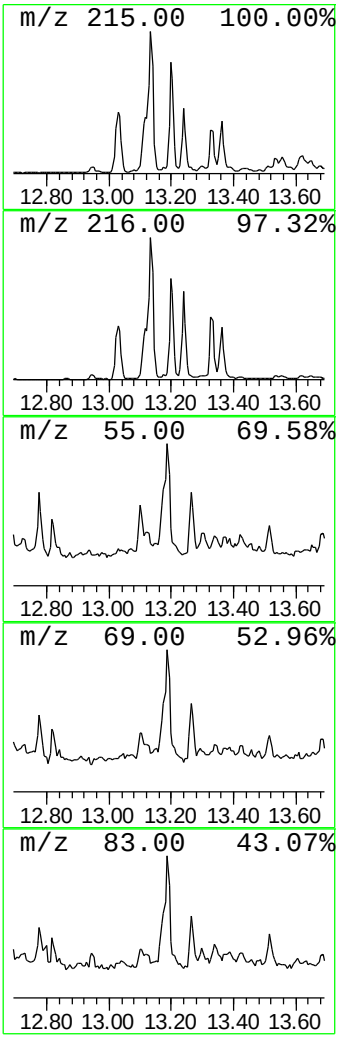
Peak Number 17 11-Octadecenoic acid, methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	6.43 ng	574177	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	93
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93
4	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	90
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90





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Data File : BF115995.D
Acq On : 5 Aug 2019 22:14
Operator : HP/JU
Sample : K4095-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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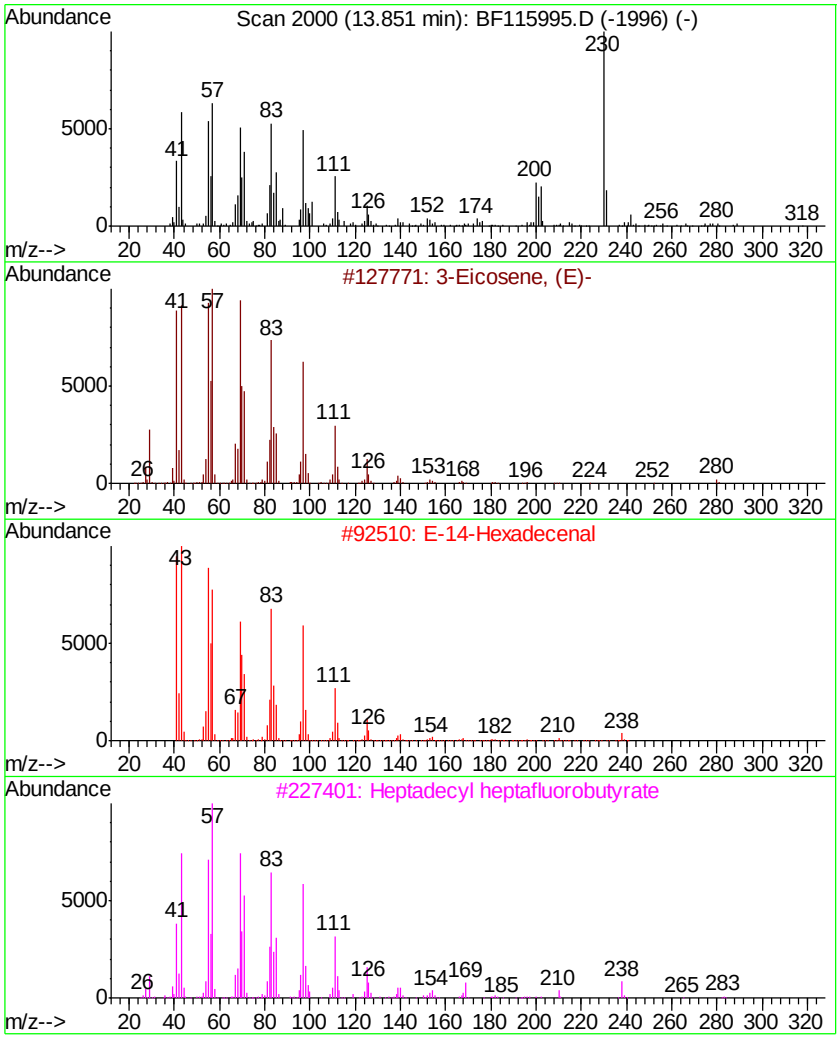
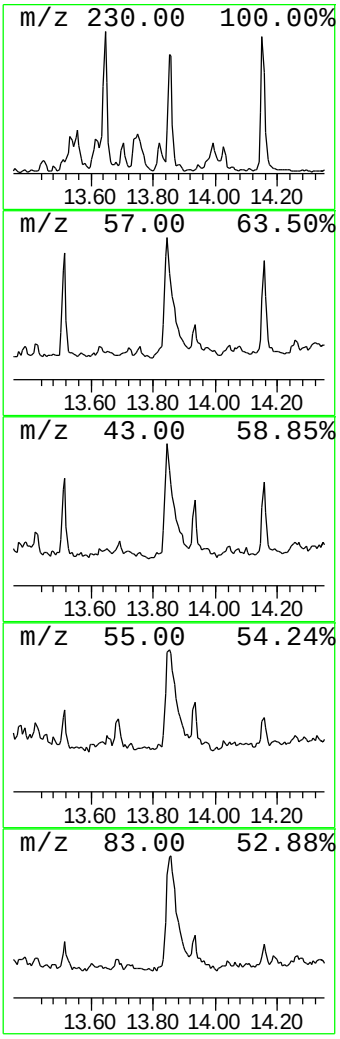
Peak Number 18 3-Eicosene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.89 ng	525486	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	83
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	60
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115995.D
Acq On : 5 Aug 2019 22:14
Operator : HP/JU
Sample : K4095-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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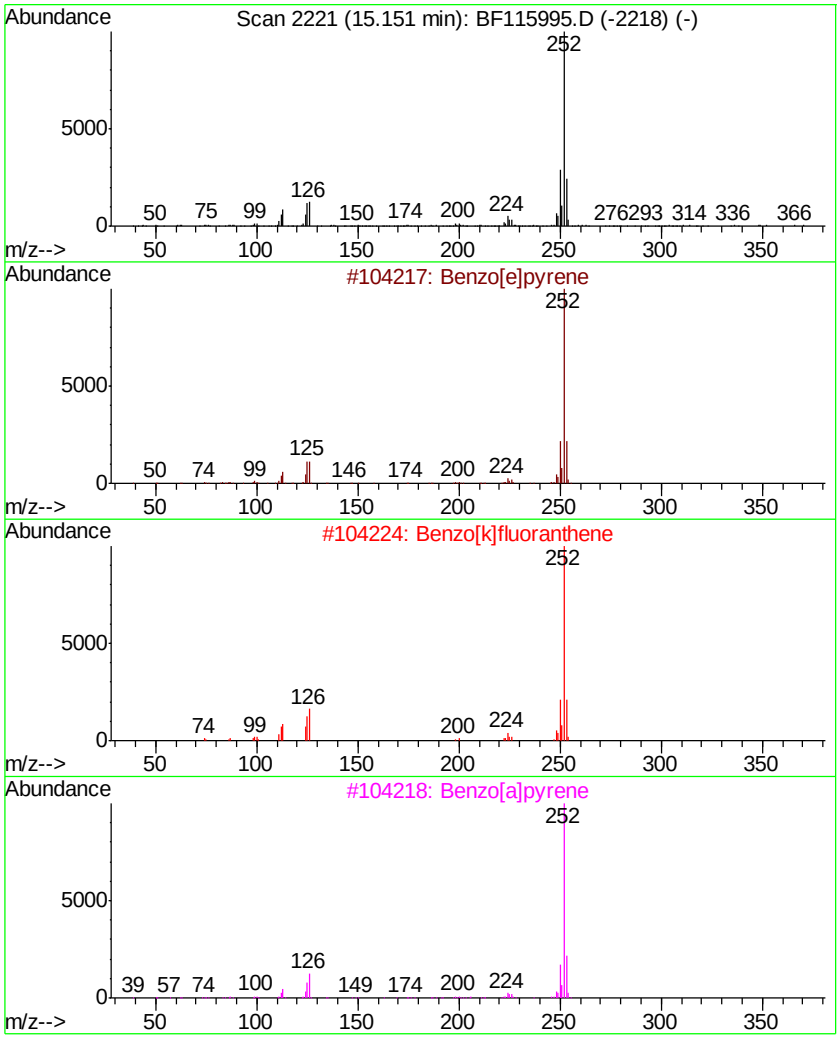
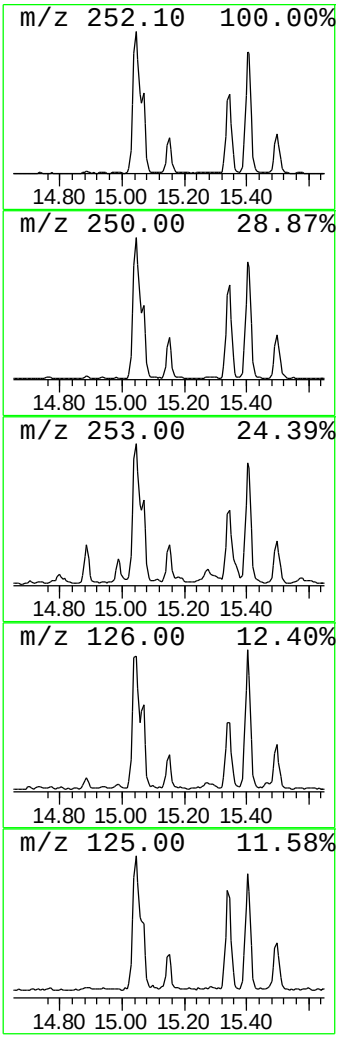
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	3.95 ng	216926	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115995.D
Acq On : 5 Aug 2019 22:14
Operator : HP/JU
Sample : K4095-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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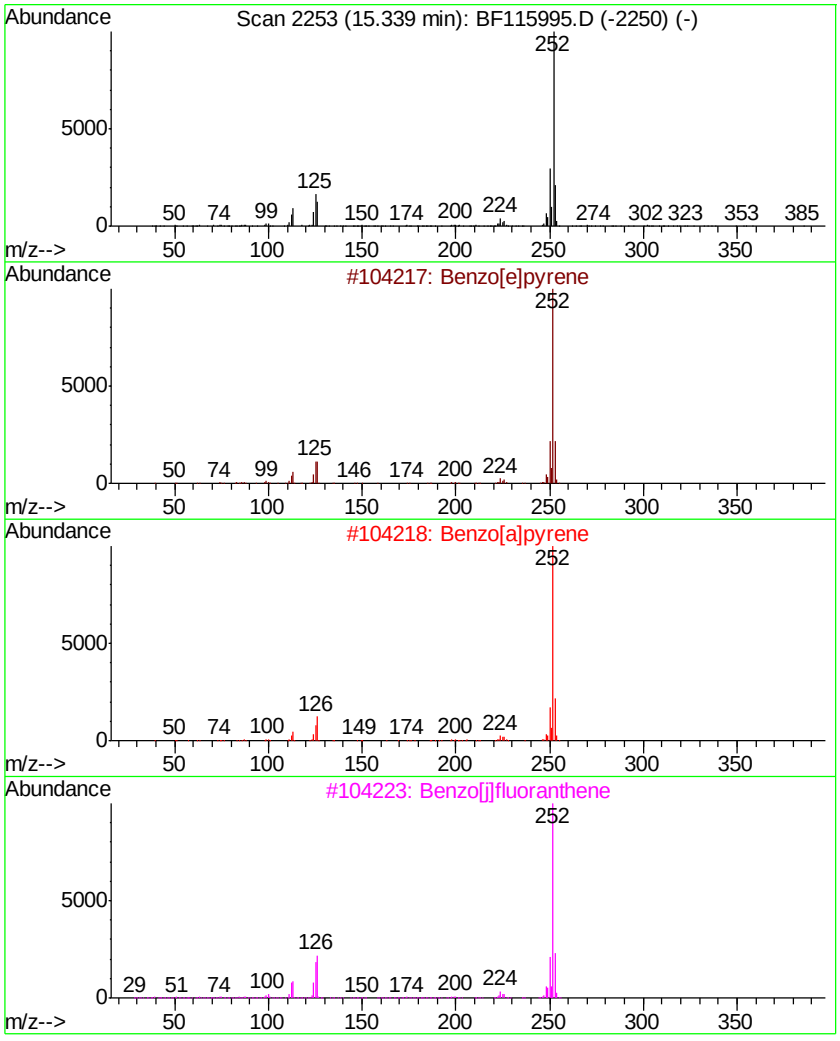
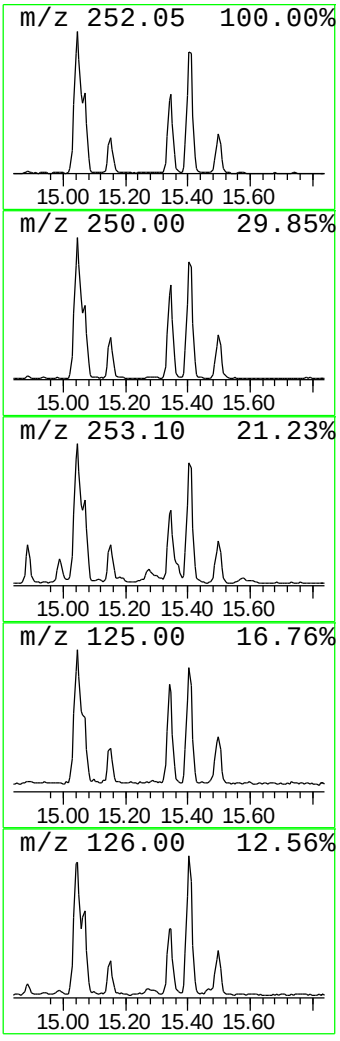
Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	10.84 ng	595359	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Perylene	252	C20H12	000198-55-0	96
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
Data File : BF115995.D
Acq On : 5 Aug 2019 22:14
Operator : HP/JU
Sample : K4095-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.13	25.0	ng	1061780	1	6.84	848168	20.0
unknown6.62	6.62	72.2	ng	3062330	1	6.84	848168	20.0
Hexadecane	10.30	3.4	ng	221083	3	9.87	1315170	20.0
Tridecane, 1-iodo-	10.78	6.6	ng	420049	4	11.36	1277000	20.0
Heptadecane, 8-me...	11.23	4.1	ng	263050	4	11.36	1277000	20.0
Heneicosane	11.65	4.0	ng	257599	4	11.36	1277000	20.0
Hexadecanoic acid...	11.75	42.8	ng	2730960	4	11.36	1277000	20.0
Anthracene, 2-met...	11.89	6.8	ng	432453	4	11.36	1277000	20.0
4H-Cyclopenta[def...	11.97	5.0	ng	316394	4	11.36	1277000	20.0
Pentadecane	12.06	4.3	ng	277031	4	11.36	1277000	20.0
9,12-Octadecadien...	12.45	87.2	ng	5568490	4	11.36	1277000	20.0
9-Octadecenoic ac...	12.47	119.8	ng	7651320	4	11.36	1277000	20.0
4,4'-Bis(tetrahyd...	12.67	4.4	ng	281139	4	11.36	1277000	20.0
Pyrene, 1-methyl-	13.03	3.7	ng	329427	5	14.00	1785290	20.0
4-Tetradecyne	13.10	3.4	ng	302037	5	14.00	1785290	20.0
11-Octadecenoic a...	13.19	6.4	ng	574177	5	14.00	1785290	20.0
3-Eicosene, (E)-	13.85	5.9	ng	525486	5	14.00	1785290	20.0
Benzo[j]fluoranthene	15.15	4.0	ng	216926	6	15.47	1098160	20.0
Benzo[e]pyrene	15.34	10.8	ng	595359	6	15.47	1098160	20.0