LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

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-BF071620.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	5.028	496	500	513	rVB	27992	39820	1.02%	0.107%
2	5.428	563	568	571	rBV	2806073	2789207	71.74%	7.507%
3	6.445	735	741	744	rBV	2494289	2771520	71.29%	7.460%
4	6.639	771	774	786	rBV	110729	133450	3.43%	0.359%
5	6.810	800	803	807	rBV	1136645	917403	23.60%	2.469%
6	7.375	894	899	902	rBV	2087297	1894617	48.73%	5.100%
7	8.092	1017	1021	1040	rBV	1286810	1190235	30.61%	3.204%
8	9.169	1200	1204	1216	rBV	3573894	3651374	93.92%	9.828%
9	9.563	1268	1271	1279	rBV	658464	575203	14.80%	1.548%
10	9.710	1292	1296	1299	rBV	40103	39611	1.02%	0.107%
11	9.845	1315	1319	1323	rBV	1430238	1282232	32.98%	3.451%
12	10.633	1449	1453	1465	rBV	1811522	1833114	47.15%	4.934%
13	10.763	1471	1475	1478	rVB3	46408	56371	1.45%	0.152%
14	10.945	1501	1506	1508	rBV3	30281	41285	1.06%	0.111%
15	11.180	1542	1546	1552	rBV6	32700	69917	1.80%	0.188%
16	11.227	1552	1554	1559	rVB	44330	46098	1.19%	0.124%
17	11.333	1568	1572	1574	rBV	1442686	1419719	36.52%	3.821%
18	11.351	1574	1575	1580	rVV	412961	346185	8.90%	0.932%
19	11.404	1581	1584	1588	rVB	229001	204993	5.27%	0.552%
20	11.663	1625	1628	1633	rVB	46301	45032	1.16%	0.121%
21	11.833	1653	1657	1659	rBV	162554	144833	3.73%	0.390%
22	11.857	1659	1661	1665	rVB	203671	183913	4.73%	0.495%
23	11.904	1666	1669	1672	rBV	80752	84876	2.18%	0.228%
24	11.939	1672	1675	1678	rVV2	196197	231163	5.95%	0.622%
25	11.963	1678	1679	1685	rVB	109846	93728	2.41%	0.252%
26	12.127	1704	1707	1709	rBV2	92470	79815	2.05%	0.215%
27	12.151	1709	1711	1715	rVB2	53904	52550	1.35%	0.141%
28	12.274	1730	1732	1735	rVB	53430	41338	1.06%	0.111%
29	12.304	1735	1737	1739	rBV	70014	59496	1.53%	0.160%
30	12.327	1739	1741	1744	rVB2	66517	58278	1.50%	0.157%
31	12.380	1744	1750	1753	rBV	188883	198978	5.12%	0.536%
32	12.415	1753	1756	1758	rVV2	95153	115859	2.98%	0.312%
33	12.463	1762	1764	1769	rBV2	122440	127812	3.29%	0.344%
34	12.539	1774	1777	1782	rBV	1059165	962950	24.77%	2.592%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.674	1796	1800	1801	rBV3	27704	39494	1.02%	0.106%
36	12.692	1801	1803	1806	rVV	53797	55163	1.42%	0.148%
37	12.768	1810	1816	1819	rVV	1098210	1109950	28.55%	2.988%
38	12.827	1822	1826	1829	rVB2	84112	113429	2.92%	0.305%
39	12.886	1832	1836	1837	rBV2	68247	64344	1.66%	0.173%
40	12.921	1837	1842	1845	rVV	3728133	3887790	100.00%	10.464%
41	12.986	1849	1853	1861	rVB5	129165	209459	5.39%	0.564%
42	13.098	1865	1872	1875	rVB3	200646	347151	8.93%	0.934%
43	13.162	1878	1883	1886	rBV	158291	165496	4.26%	0.445%
44	13.204	1886	1890	1893	rBV2	177353	190903	4.91%	0.514%
45	13.292	1902	1905	1908	rVB	146816	119711	3.08%	0.322%
46	13.321	1908	1910	1914	rBV	116044	112913	2.90%	0.304%
47	13.415	1920	1926	1929	rVB6	32628	57846	1.49%	0.156%
48	13.604	1955	1958	1963	rVB	111744	130134	3.35%	0.350%
49	13.715	1971	1977	1980	rBV3	121972	184128	4.74%	0.496%
50	13.745	1980	1982	1984	rBV	72020	54398	1.40%	0.146%
51	13.845	1991	1999	2004	rBV6	140250	438390	11.28%	1.180%
52	13.968	2012	2020	2022	rBV2	1464589	1900087	48.87%	5.114%
53	13.992	2022	2024	2032	rVB	691613	652433	16.78%	1.756%
54	14.133	2045	2048	2051	rBV4	46261	51710	1.33%	0.139%
55	14.221	2061	2063	2066	rVB3	50918	45472	1.17%	0.122%
56	14.315	2077	2079	2081	rBV	41604	43753	1.13%	0.118%
57	14.351	2081	2085	2089	rVV	183262	244023	6.28%	0.657%
58	14.386	2089	2091	2095	rVV	131662	139299	3.58%	0.375%
59	14.439	2098	2100	2103	rVV2	108573	126157	3.24%	0.340%
60	14.480	2103	2107	2108	rVV3	112770	132076	3.40%	0.355%
61	14.498	2108	2110	2115	rVV3	103201	167091	4.30%	0.450%
62	14.551	2117	2119	2125	rVV3	66693	85970	2.21%	0.231%
63	14.686	2139	2142	2147	rVB3	38374	57219	1.47%	0.154%
64	14.739	2148	2151	2154	rBV3	54319	66089	1.70%	0.178%
65	14.815	2161	2164	2167	rBV2	135309	156133	4.02%	0.420%
66	14.998	2190	2195	2198	rBV	549520	834963	21.48%	2.247%
67	15.074	2205	2208	2211	rBV2	85583	101638	2.61%	0.274%
68	15.098	2211	2212	2216	rVB	62799	48059	1.24%	0.129%
69	15.292	2241	2245	2251	rVB	341228	402819	10.36%	1.084%
70	15.351	2251	2255	2261	rBV	292822	365513	9.40%	0.984%
71	15.415	2261	2266	2270	rBV	907578	1143469	29.41%	3.078%

LSC Area Percent Report

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Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.445	2270	2271	2279	rVB2	134839	159611	4.11%	0.430%
73	15.727	2315	2319	2322	rBV2	31300	46575	1.20%	0.125%
74	15.762	2322	2325	2332	rVB3	43365	75032	1.93%	0.202%
75	15.880	2340	2345	2349	rBV2	71548	108860	2.80%	0.293%
76	16.656	2472	2477	2489	rVB7	54569	156270	4.02%	0.421%
77	16.839	2502	2508	2518	rVB2	147431	303932	7.82%	0.818%
78	17.015	2534	2538	2542	rBV2	23782	42272	1.09%	0.114%
79	17.074	2543	2548	2553	rBV	39290	81792	2.10%	0.220%
80	17.268	2574	2581	2590	rVB	112207	258138	6.64%	0.695%
81	18.415	2772	2776	2788	rVB	32536	92863	2.39%	0.250%

Sum of corrected areas: 37152992

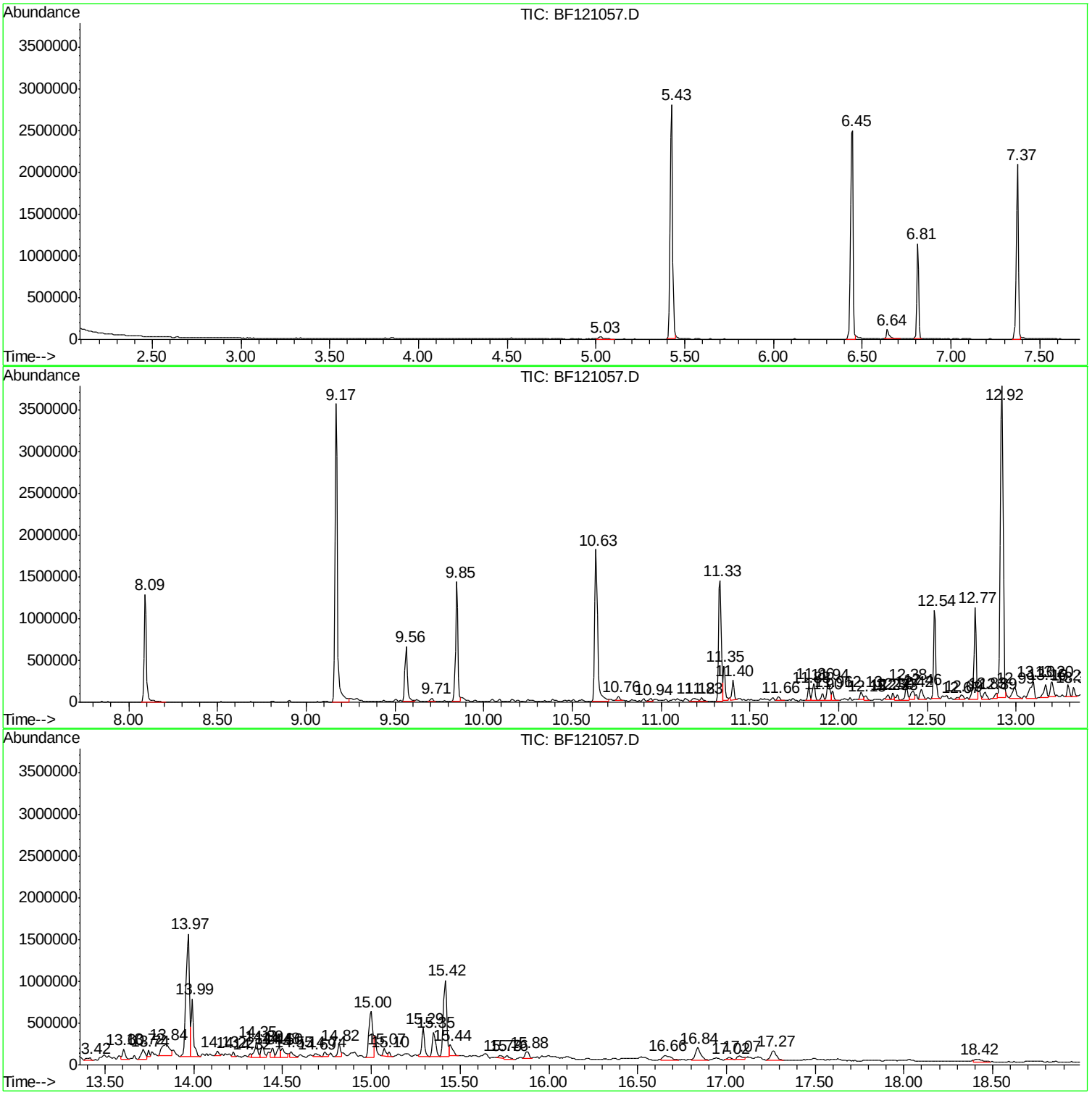
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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\BF072720\
Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

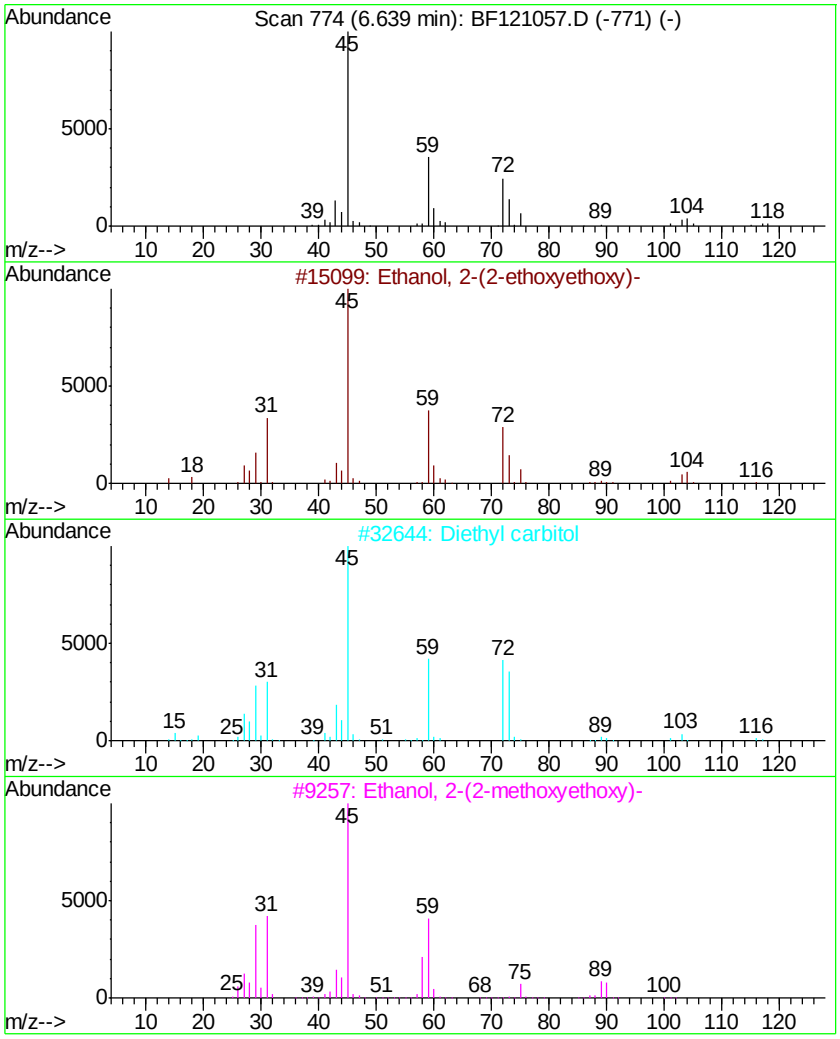
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

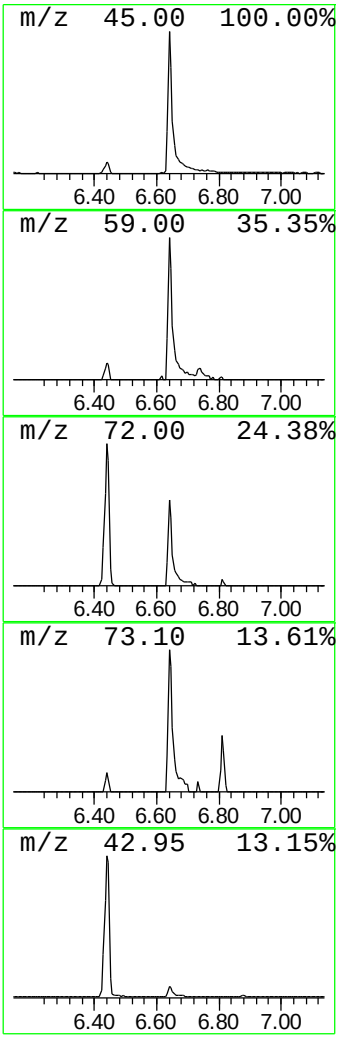
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	2.91 ng	133450	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	40
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	38
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

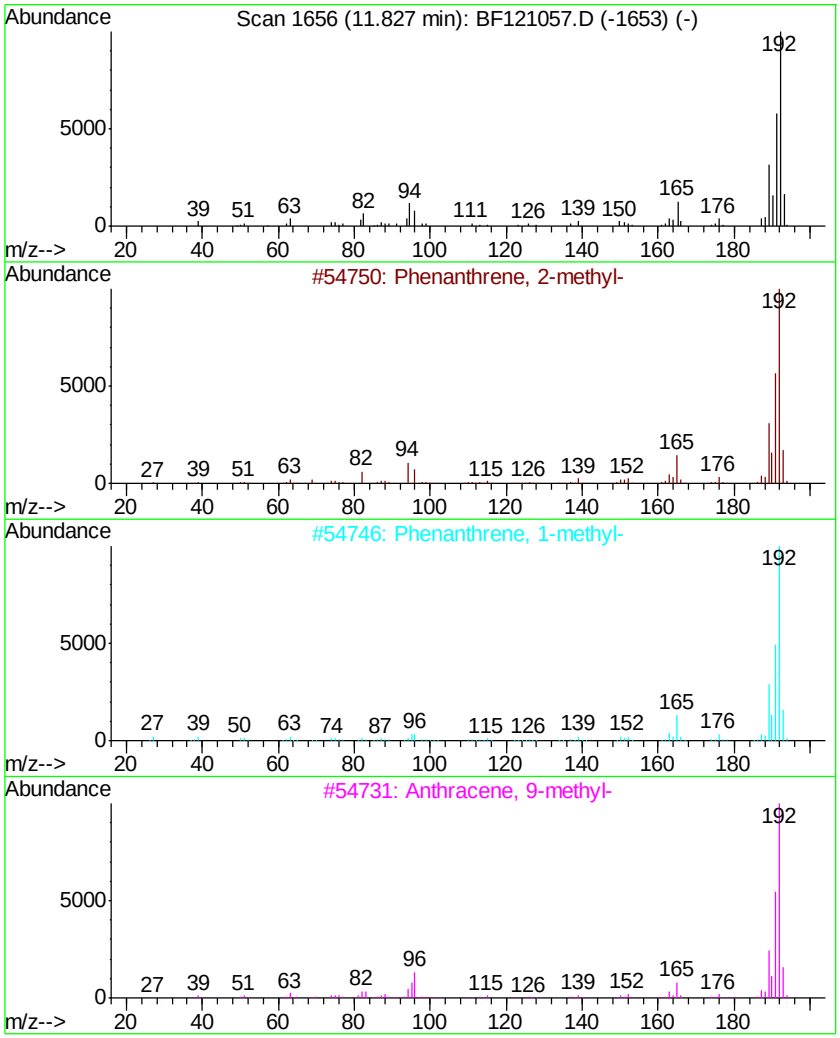
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

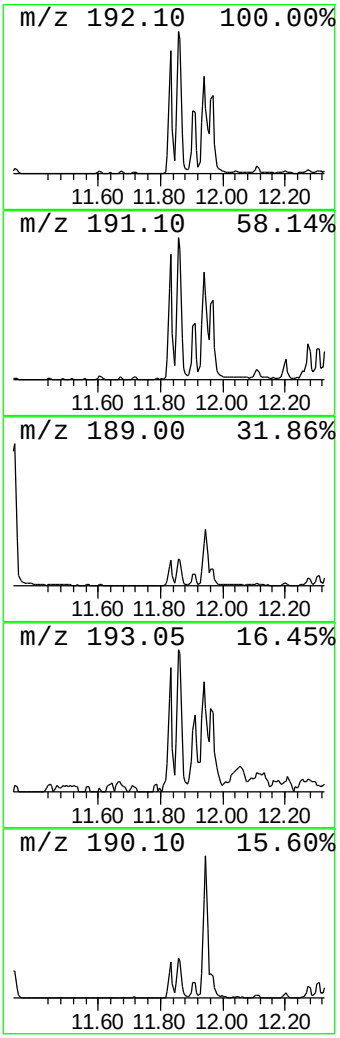
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.04 ng	144833	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

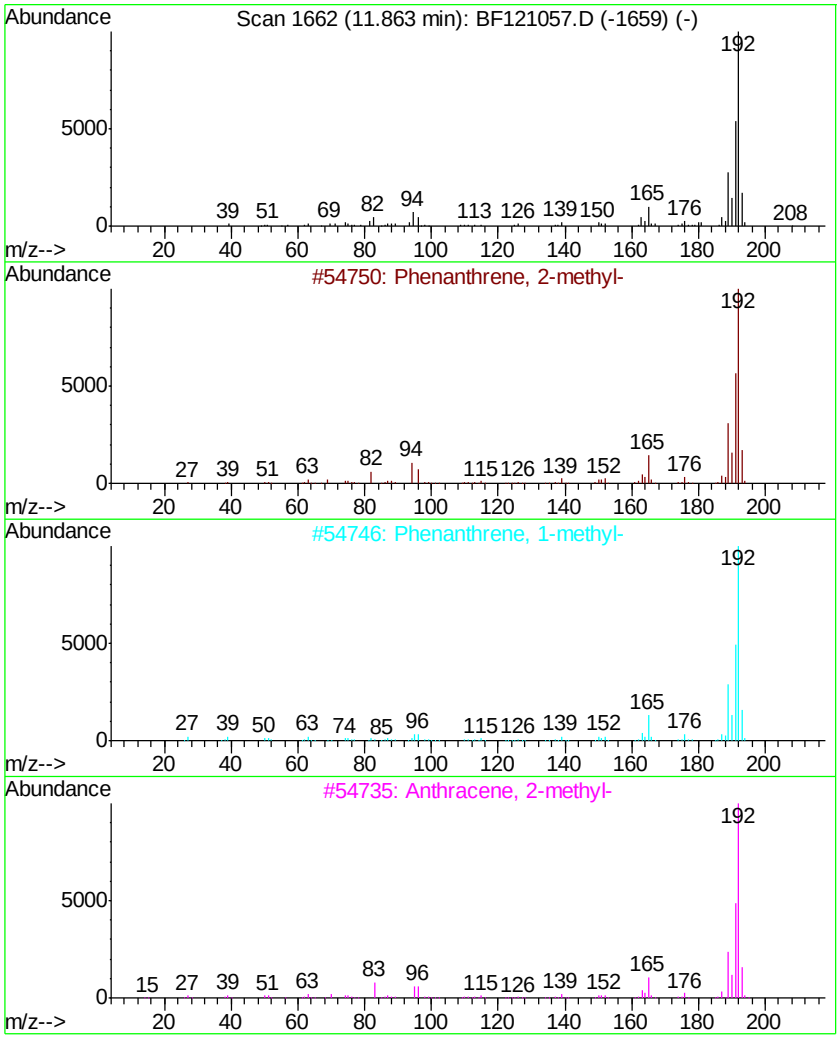
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

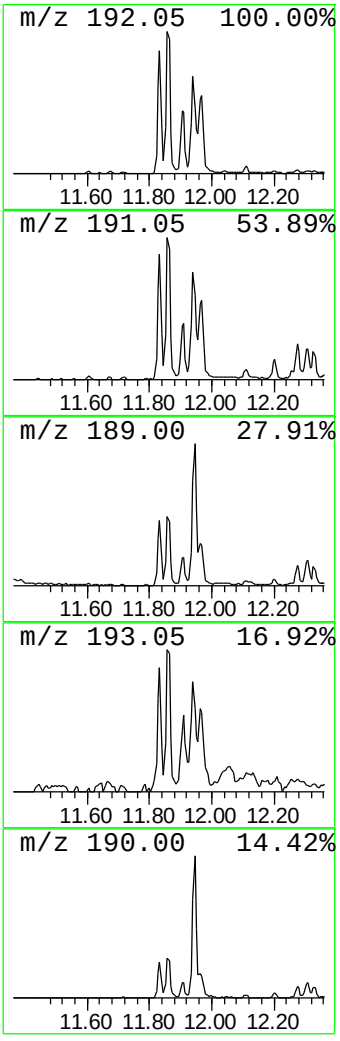
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.59 ng	183913	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
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Acq On : 28 Jul 2020 3:52
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Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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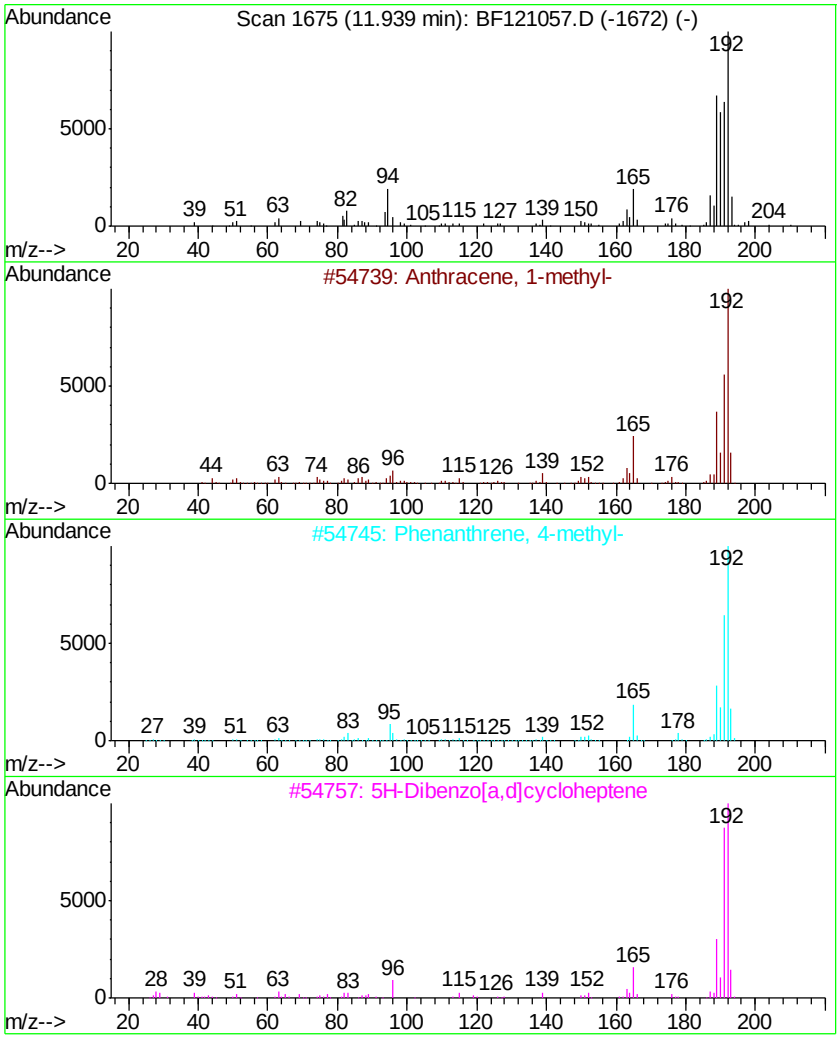
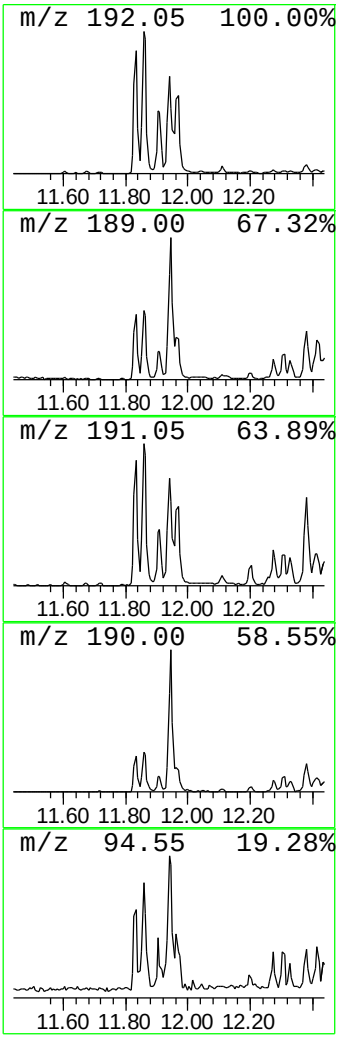
Peak Number 4 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.26 ng	231163	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	53
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

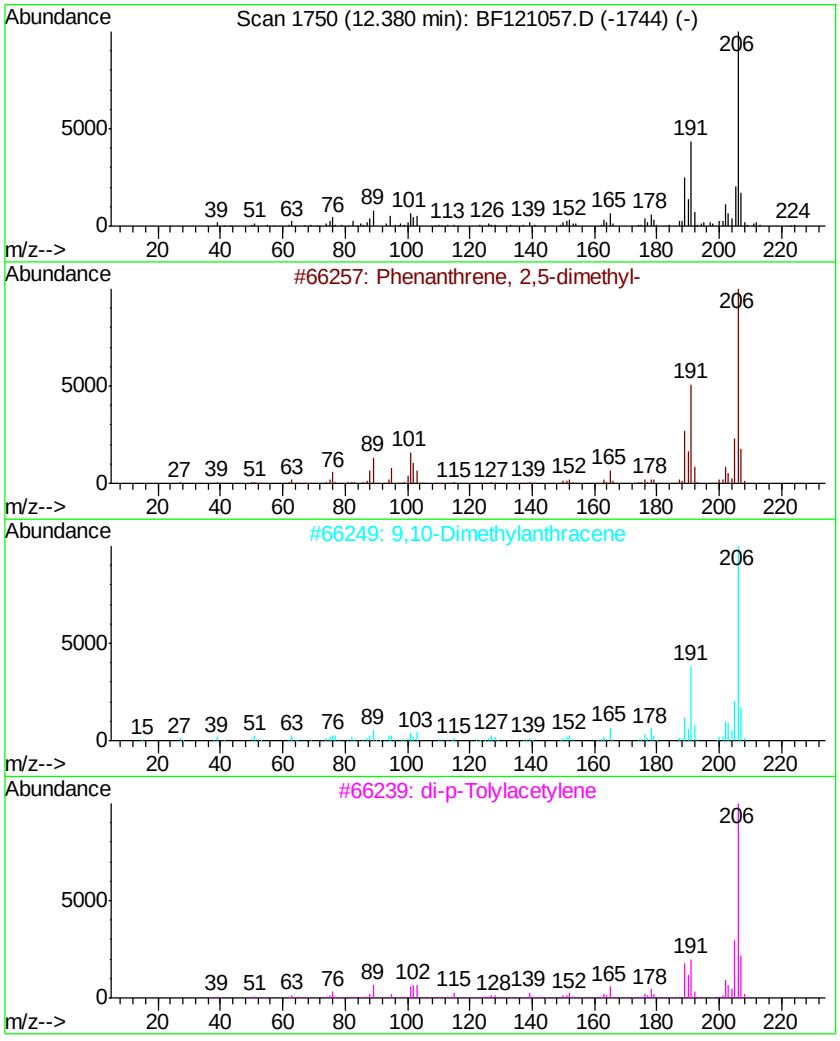
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

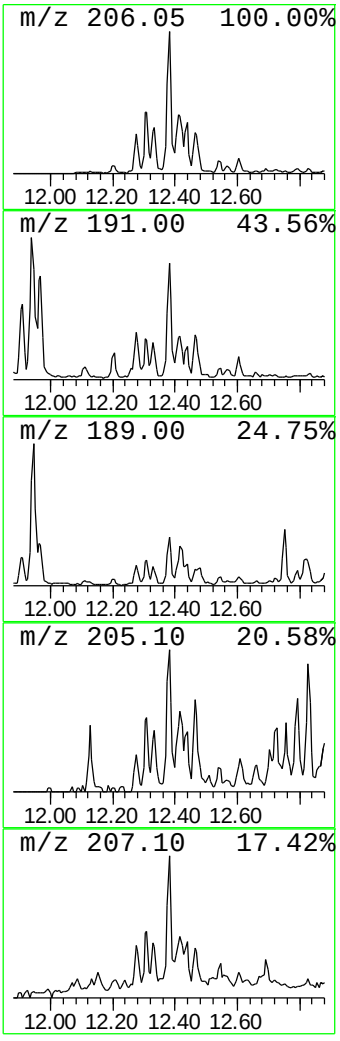
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	2.80 ng	198978	Phenanthrene-d10	11.33

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	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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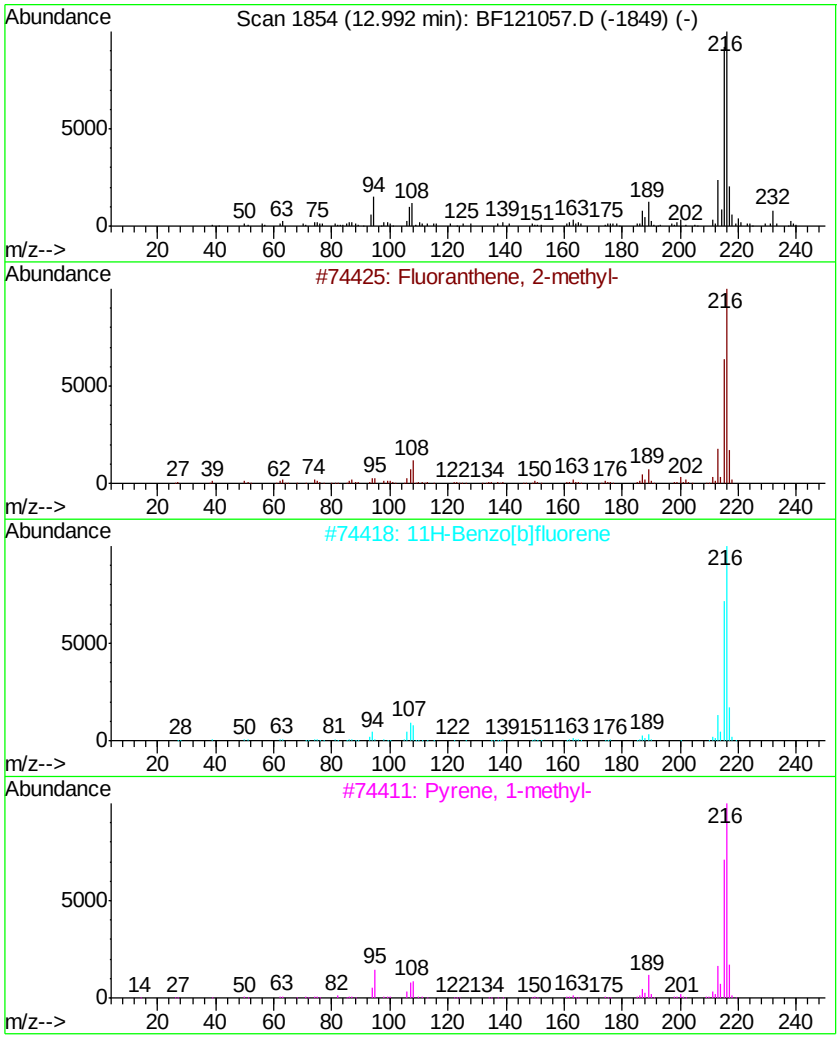
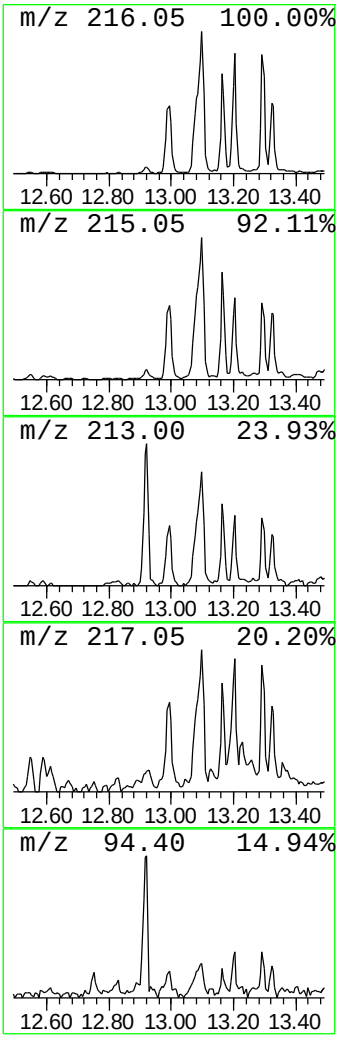
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.20 ng	209459	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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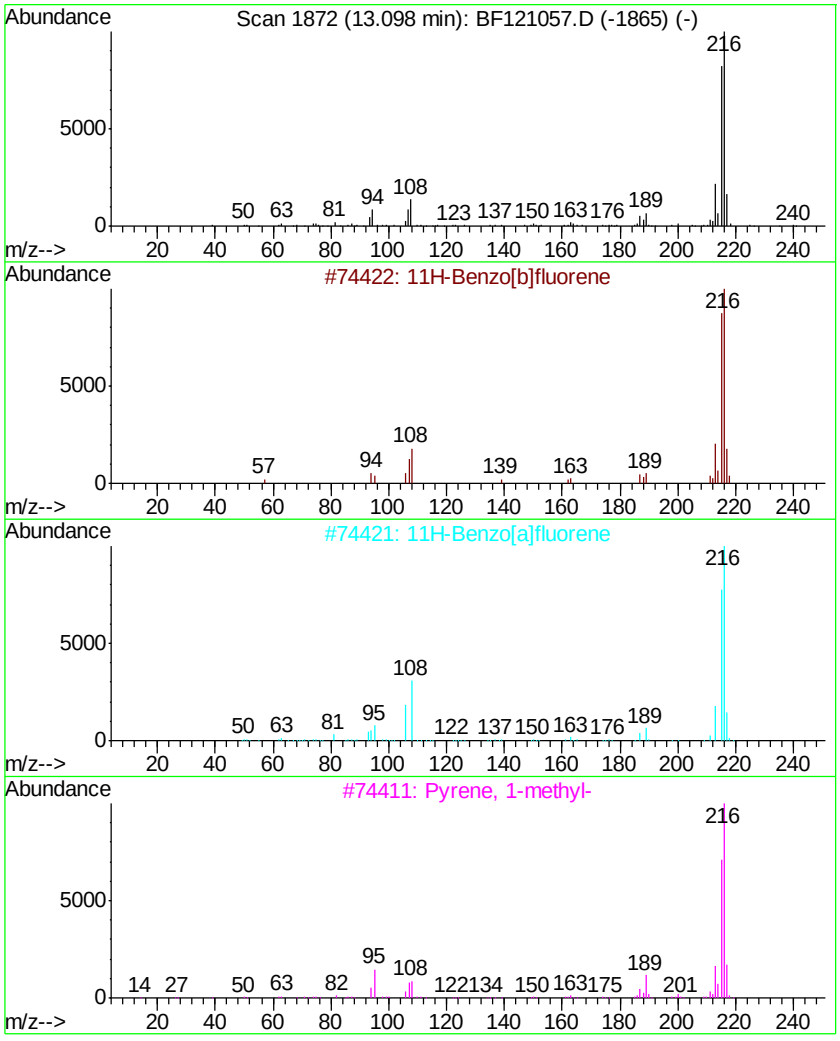
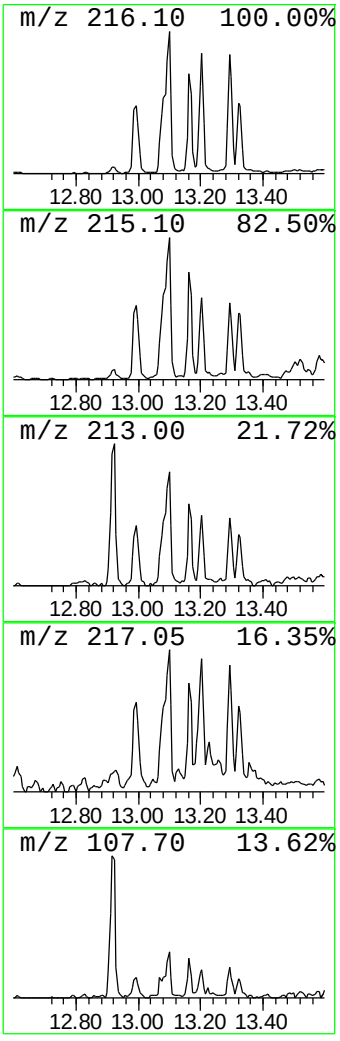
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.65 ng	347151	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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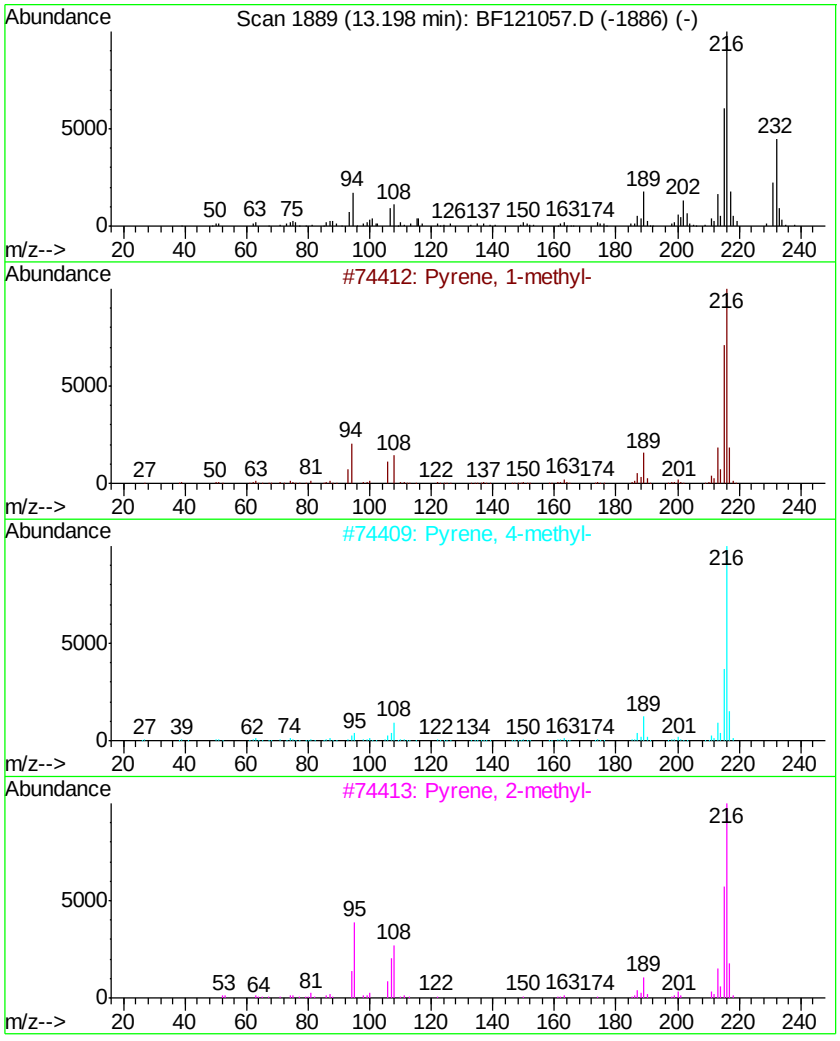
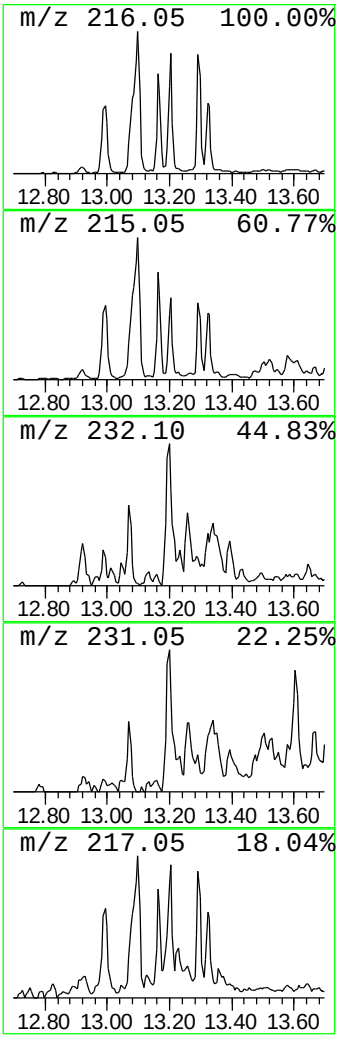
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.01 ng	190903	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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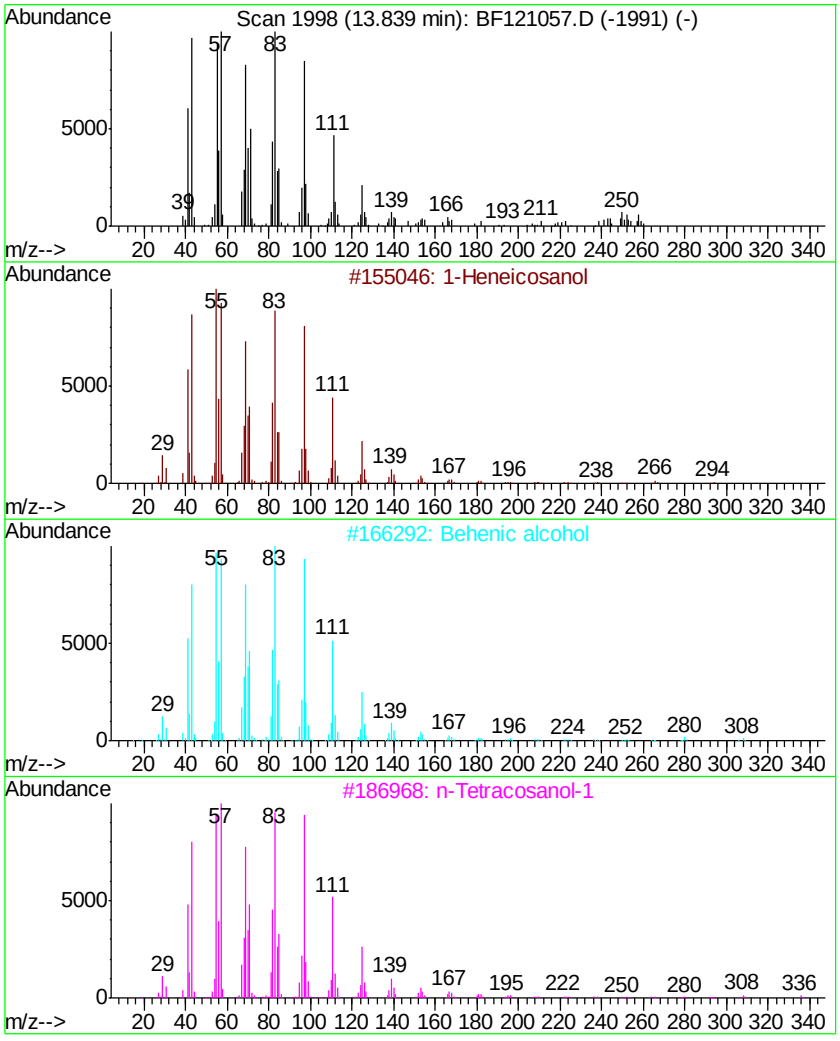
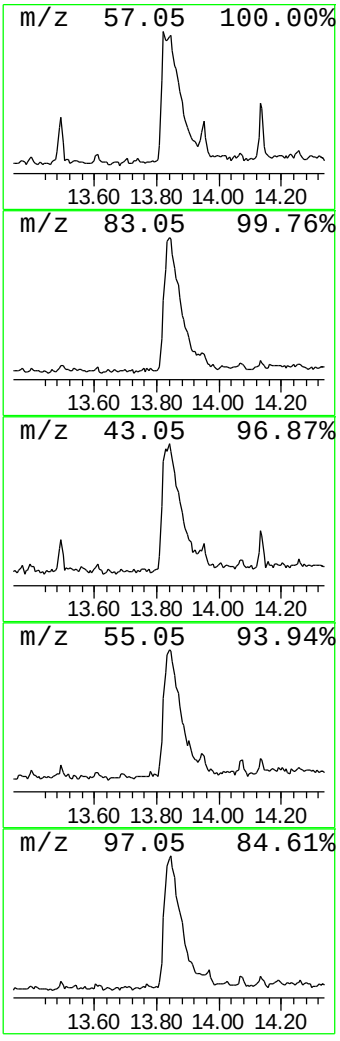
Peak Number 9 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	4.61 ng	438390	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	1-Pentadecanethiol	244	C15H32S	025276-70-4	94





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Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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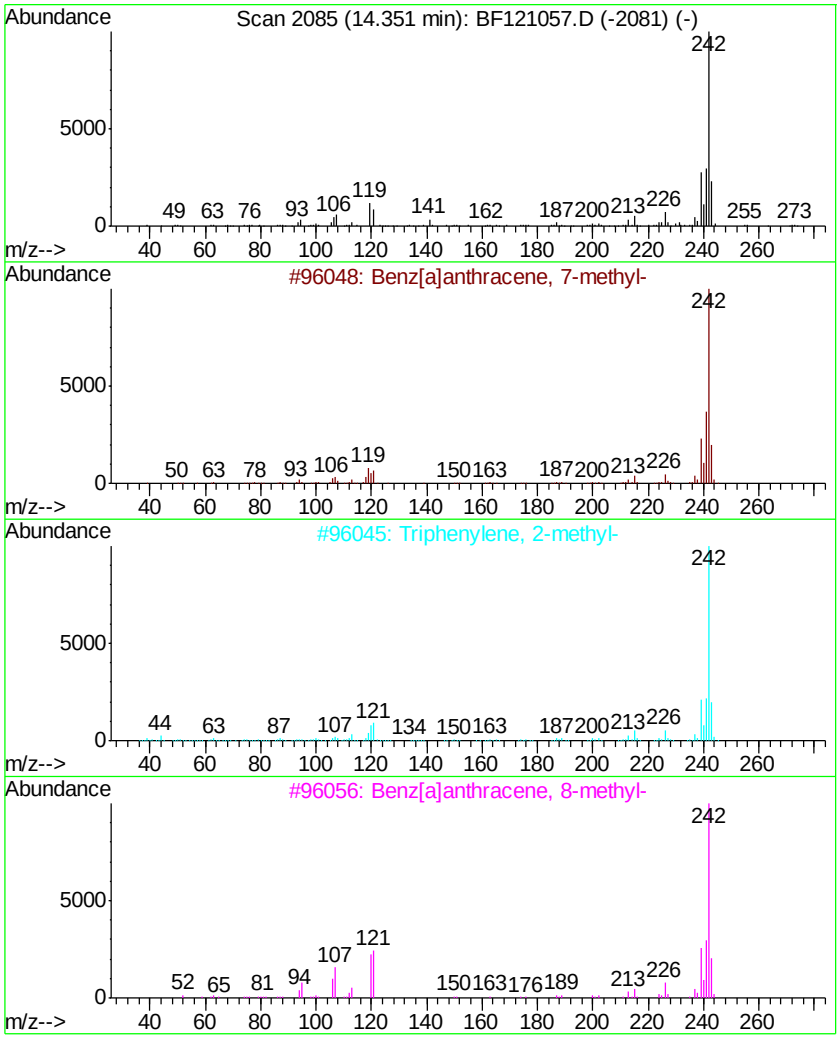
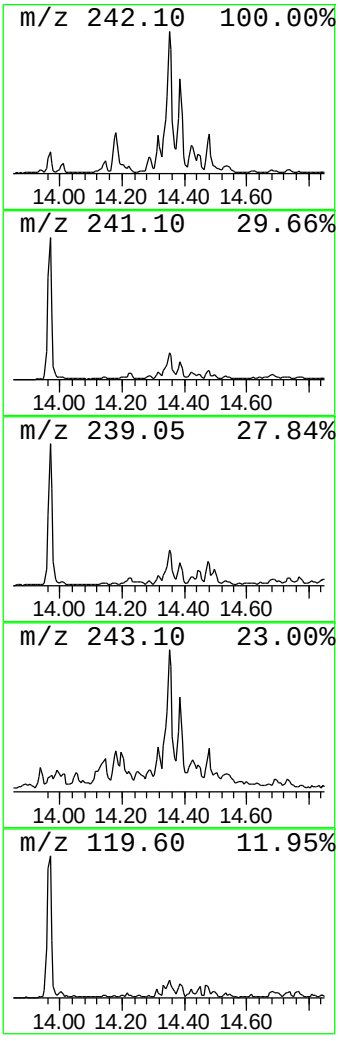
Peak Number 10 Benz[a]anthracene, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.57 ng	244023	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
5	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	76





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Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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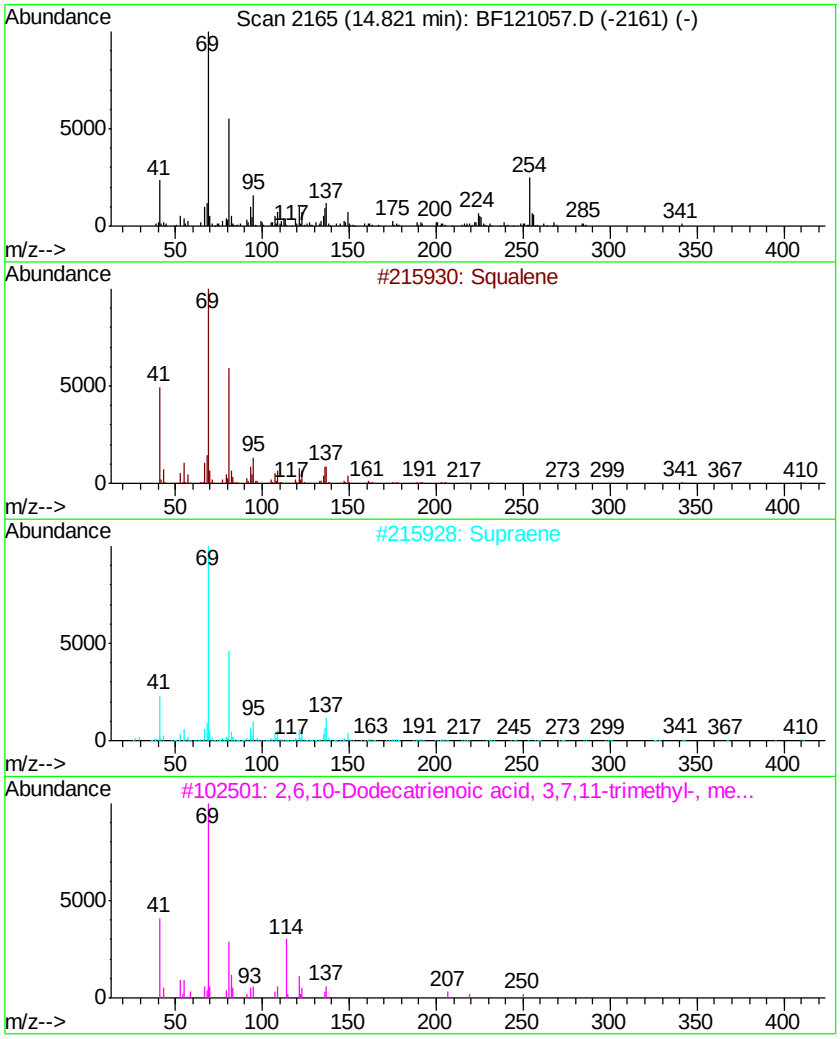
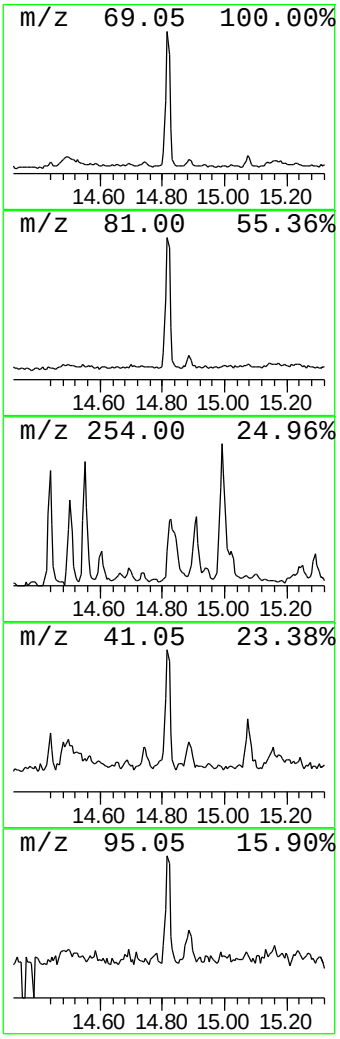
Peak Number 11 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.73 ng	156133	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	76
2	Supraene	410	C30H50	007683-64-9	68
3	2,6,10-Dodecatrienoic acid, 3,7,...	250	C16H26O2	004176-79-8	58
4	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	50
5	Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	50





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Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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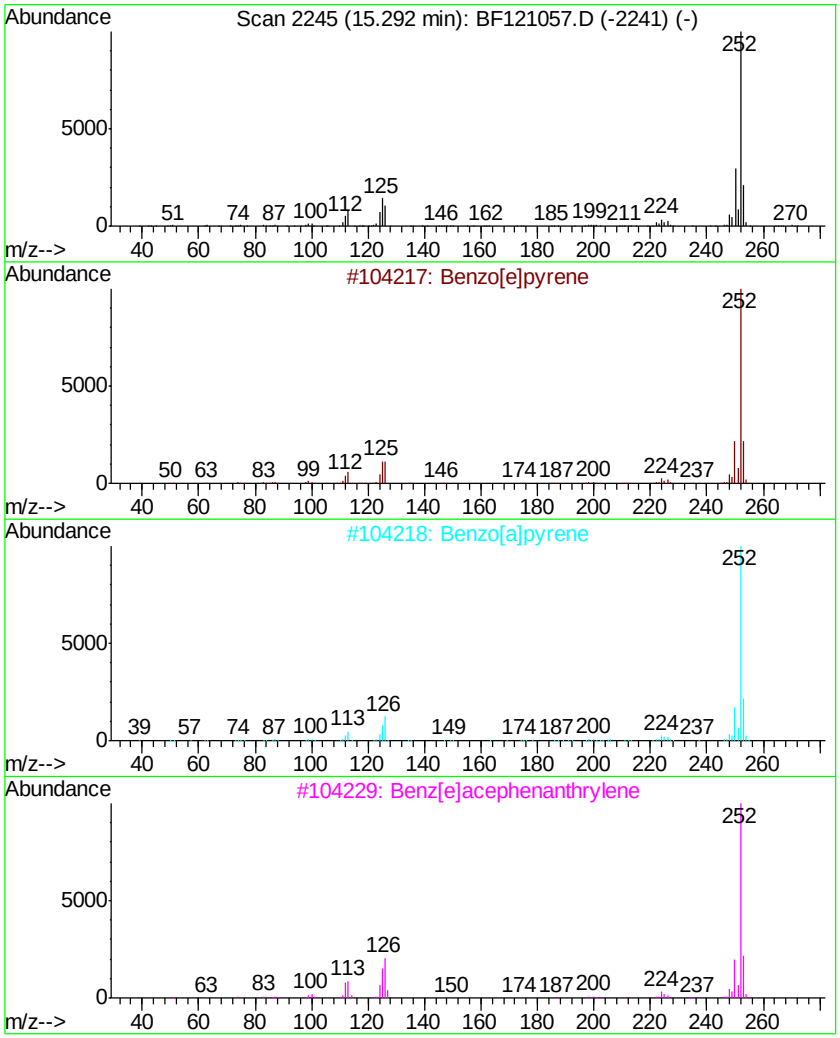
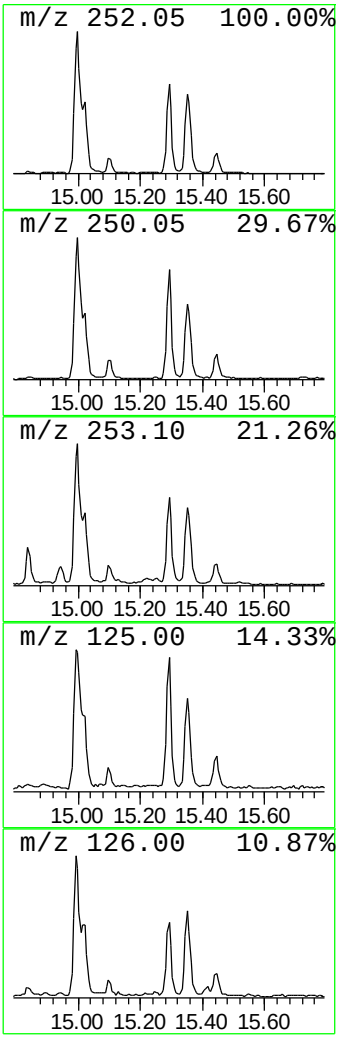
Peak Number 12 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	7.05 ng	402819	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Perylene	252	C20H12	000198-55-0	93





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Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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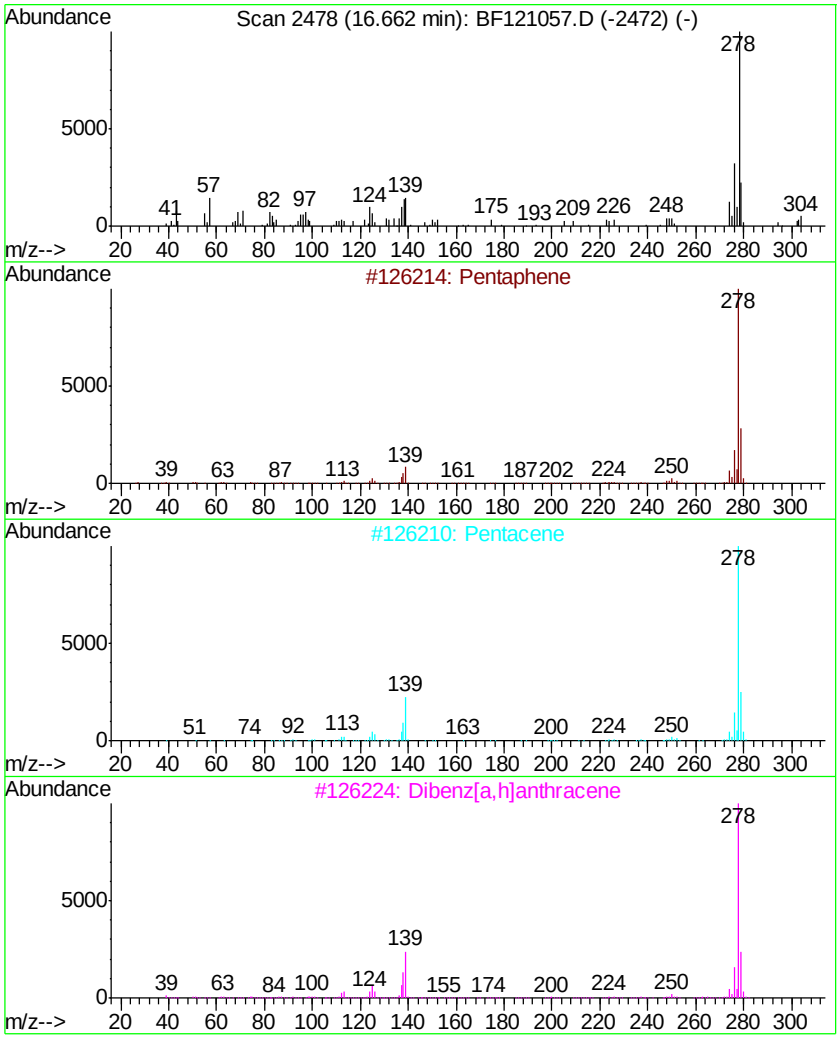
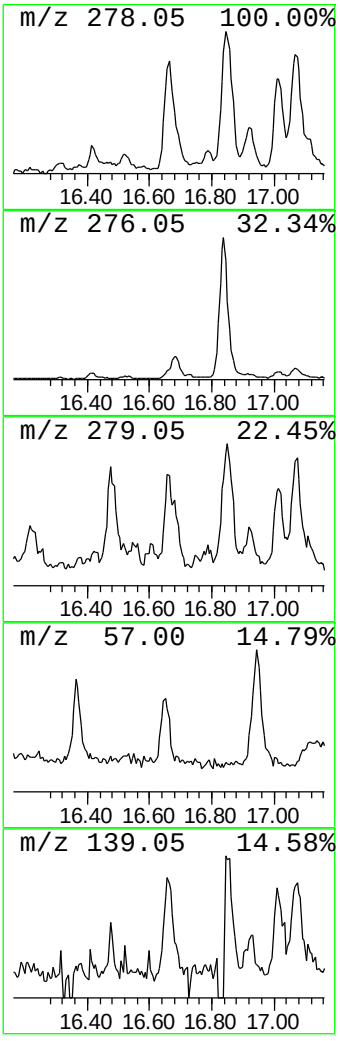
Peak Number 13 Pentaphene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	2.73 ng	156270	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaphene	278	C22H14	000222-93-5	86
2	Pentacene	278	C22H14	000135-48-8	76
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	76
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	74
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072720\
Data File : BF121057.D
Acq On : 28 Jul 2020 3:52
Operator : JU/CG
Sample : L3382-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Ethanol, 2-(2-eth...	6.64	2.9	ng	133450	1	6.81	917403	20.0
Phenanthrene, 2-m...	11.83	2.0	ng	144833	4	11.33	1419720	20.0
Phenanthrene, 1-m...	11.86	2.6	ng	183913	4	11.33	1419720	20.0
Anthracene, 1-met...	11.94	3.3	ng	231163	4	11.33	1419720	20.0
Phenanthrene, 2,5...	12.38	2.8	ng	198978	4	11.33	1419720	20.0
Fluoranthene, 2-m...	12.99	2.2	ng	209459	5	13.97	1900090	20.0
11H-Benzo[b]fluorene	13.10	3.6	ng	347151	5	13.97	1900090	20.0
Pyrene, 1-methyl-	13.20	2.0	ng	190903	5	13.97	1900090	20.0
1-Heneicosanol	13.84	4.6	ng	438390	5	13.97	1900090	20.0
Benz[a]anthracene...	14.35	2.6	ng	244023	5	13.97	1900090	20.0
Squalene	14.82	2.7	ng	156133	6	15.42	1143470	20.0
Benzo[e]pyrene	15.29	7.0	ng	402819	6	15.42	1143470	20.0
Pentaphene	16.66	2.7	ng	156270	6	15.42	1143470	20.0