LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
Data File : BF114135.D
Acq On : 10 May 2019 21:54
Operator : JU/SJ
Sample : K2764-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

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-BF051019.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	2.146	3	10	27	rVB	3227455	4580610	53.01%	4.419%
2	5.487	573	578	581	rBV	8366304	8023228	92.85%	7.740%
3	5.557	587	590	598	rVB	147666	130012	1.50%	0.125%
4	6.492	744	749	768	rVB	7493512	8641041	100.00%	8.336%
5	6.628	768	772	775	rBV	8569678	8187602	94.75%	7.898%
6	6.851	807	810	814	rBV	2280873	1924949	22.28%	1.857%
7	7.010	833	837	841	rBV	6917675	6392153	73.97%	6.166%
8	7.416	900	906	909	rBV	5299998	5238257	60.62%	5.053%
9	8.134	1024	1028	1031	rBV	2754007	2331282	26.98%	2.249%
10	9.210	1206	1211	1214	rBV	8631339	7883063	91.23%	7.604%
11	9.598	1274	1277	1282	rBV	960025	829582	9.60%	0.800%
12	9.745	1299	1302	1306	rBV	446367	376933	4.36%	0.364%
13	9.886	1319	1326	1330	rBV	2627028	2226617	25.77%	2.148%
14	10.445	1416	1421	1425	rVB2	66908	100136	1.16%	0.097%
15	10.675	1455	1460	1463	rBV	5013809	4560419	52.78%	4.399%
16	10.798	1477	1481	1484	rBV3	91376	109831	1.27%	0.106%
17	11.175	1542	1545	1549	rVB	121886	108092	1.25%	0.104%
18	11.269	1558	1561	1566	rVB	120778	117822	1.36%	0.114%
19	11.369	1574	1578	1580	rBV	2431502	2150800	24.89%	2.075%
20	11.392	1580	1582	1586	rVV	1651783	1371399	15.87%	1.323%
21	11.445	1588	1591	1594	rVB	272169	205345	2.38%	0.198%
22	11.663	1623	1628	1632	rVB2	199091	196419	2.27%	0.189%
23	11.704	1632	1635	1638	rVB	168246	154589	1.79%	0.149%
24	11.786	1646	1649	1652	rVB	90351	98160	1.14%	0.095%
25	11.827	1652	1656	1658	rBV	95208	107727	1.25%	0.104%
26	11.869	1660	1663	1665	rVV	509118	483825	5.60%	0.467%
27	11.898	1665	1668	1674	rVV	1550200	1466264	16.97%	1.414%
28	11.980	1678	1682	1685	rVV2	758521	874662	10.12%	0.844%
29	12.004	1685	1686	1690	rVB	479237	324040	3.75%	0.313%
30	12.163	1710	1713	1715	rBV	431509	398830	4.62%	0.385%
31	12.192	1715	1718	1724	rVB2	582355	591625	6.85%	0.571%
32	12.369	1746	1748	1751	rVB2	101194	88134	1.02%	0.085%
33	12.422	1751	1757	1760	rBV3	592526	682159	7.89%	0.658%
34	12.457	1760	1763	1765	rVV2	219853	219172	2.54%	0.211%

LSC Area Percent Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.480	1765	1767	1769	rVB	143915	107415	1.24%	0.104%
36	12.504	1769	1771	1776	rBV	424175	444161	5.14%	0.428%
37	12.586	1779	1785	1788	rBV	2263889	2225539	25.76%	2.147%
38	12.627	1788	1792	1794	rBV	139389	133903	1.55%	0.129%
39	12.680	1798	1801	1804	rBV	524365	496102	5.74%	0.479%
40	12.710	1804	1806	1808	rBV	243571	181009	2.09%	0.175%
41	12.816	1818	1824	1829	rVV	3908004	3951461	45.73%	3.812%
42	12.863	1829	1832	1836	rVB3	143212	195960	2.27%	0.189%
43	12.957	1843	1848	1851	rBV	6411345	6467287	74.84%	6.239%
44	13.027	1857	1860	1867	rBV2	426490	667076	7.72%	0.643%
45	13.086	1867	1870	1872	rBV4	92618	92986	1.08%	0.090%
46	13.116	1872	1875	1877	rBV3	372448	481296	5.57%	0.464%
47	13.204	1888	1890	1894	rVB	159292	111714	1.29%	0.108%
48	13.245	1894	1897	1900	rBV	622685	495702	5.74%	0.478%
49	13.333	1910	1912	1915	rBV	534704	460184	5.33%	0.444%
50	13.363	1915	1917	1921	rVB	463715	427022	4.94%	0.412%
51	13.457	1930	1933	1935	rVB3	87123	86999	1.01%	0.084%
52	13.645	1962	1965	1970	rVB	426070	430087	4.98%	0.415%
53	13.757	1980	1984	1987	rBV2	302930	369865	4.28%	0.357%
54	13.786	1987	1989	1991	rVV	420618	308246	3.57%	0.297%
55	13.810	1991	1993	1996	rVV	308768	233127	2.70%	0.225%
56	13.851	1996	2000	2009	rVB3	1071988	1391051	16.10%	1.342%
57	14.010	2022	2027	2030	rBV2	2549364	3602839	41.69%	3.476%
58	14.039	2030	2032	2037	rVB	1395479	1290903	14.94%	1.245%
59	14.157	2049	2052	2054	rBV	422682	342641	3.97%	0.331%
60	14.268	2069	2071	2074	rVB2	114671	99940	1.16%	0.096%
61	14.404	2092	2094	2097	rVB	347043	275283	3.19%	0.266%
62	14.439	2097	2100	2103	rBV2	266279	238614	2.76%	0.230%
63	14.492	2106	2109	2113	rVB3	335124	415152	4.80%	0.400%
64	14.604	2126	2128	2132	rVB	176847	172962	2.00%	0.167%
65	14.774	2155	2157	2159	rBV	183589	173097	2.00%	0.167%
66	15.063	2202	2206	2214	rBV2	924056	1694638	19.61%	1.635%
67	15.133	2216	2218	2221	rVV	184572	202096	2.34%	0.195%
68	15.168	2222	2224	2230	rVB	242193	287738	3.33%	0.278%
69	15.363	2254	2257	2263	rVB	762939	894970	10.36%	0.863%
70	15.427	2264	2268	2273	rBV	762990	922535	10.68%	0.890%
71	15.486	2274	2278	2282	rBV	1141663	1525586	17.66%	1.472%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
P026-SS002-0612-01

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.951	2523	2527	2536	rVB2	316033	591937	6.85%	0.571%

Sum of corrected areas: 103663902

LSC Report - Integrated Chromatogram

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Data File : BF114135.D
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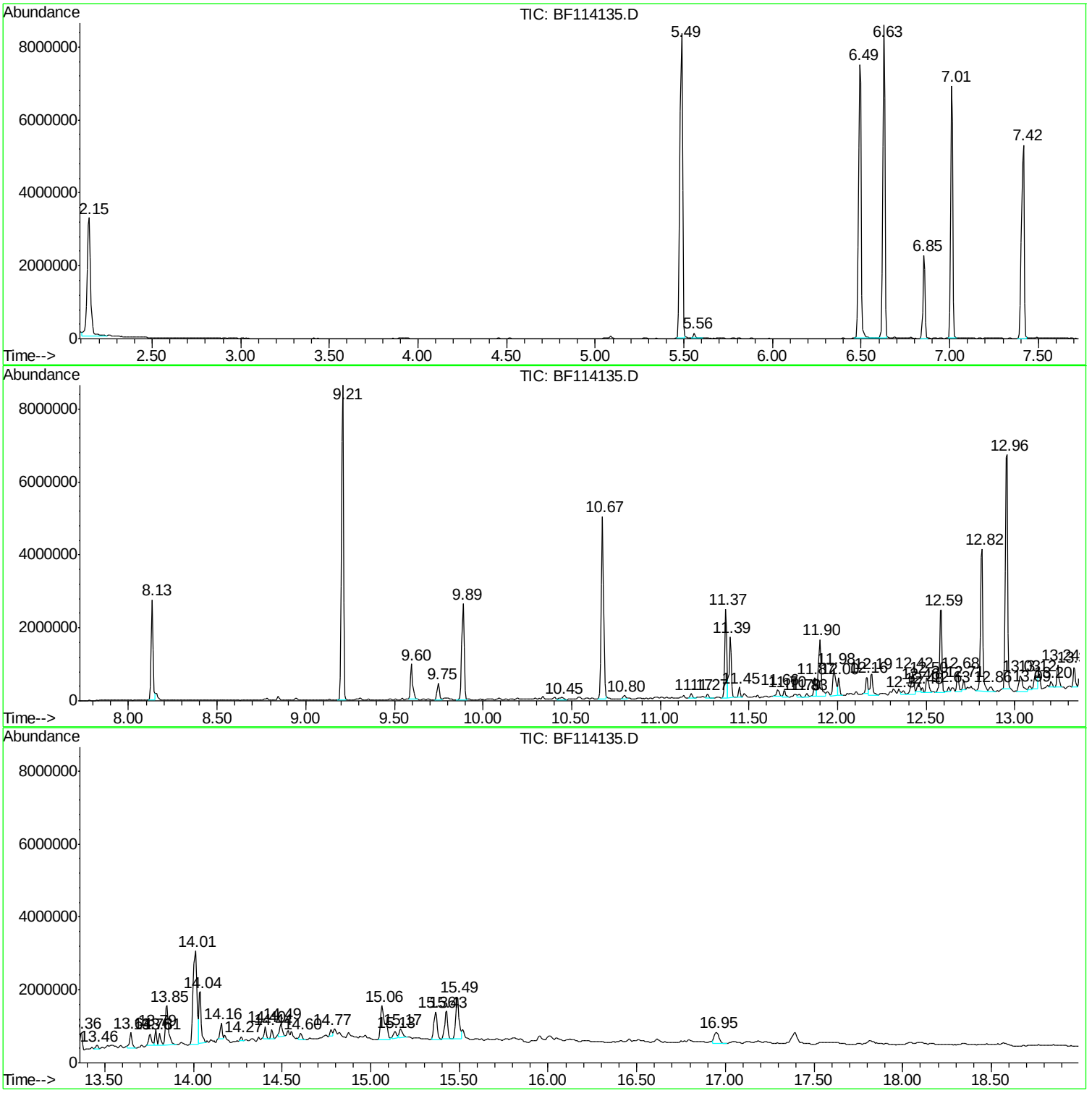
Sample : K2764-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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\BF051019\
Data File : BF114135.D
Acq On : 10 May 2019 21:54
Operator : JU/SJ
Sample : K2764-18
Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

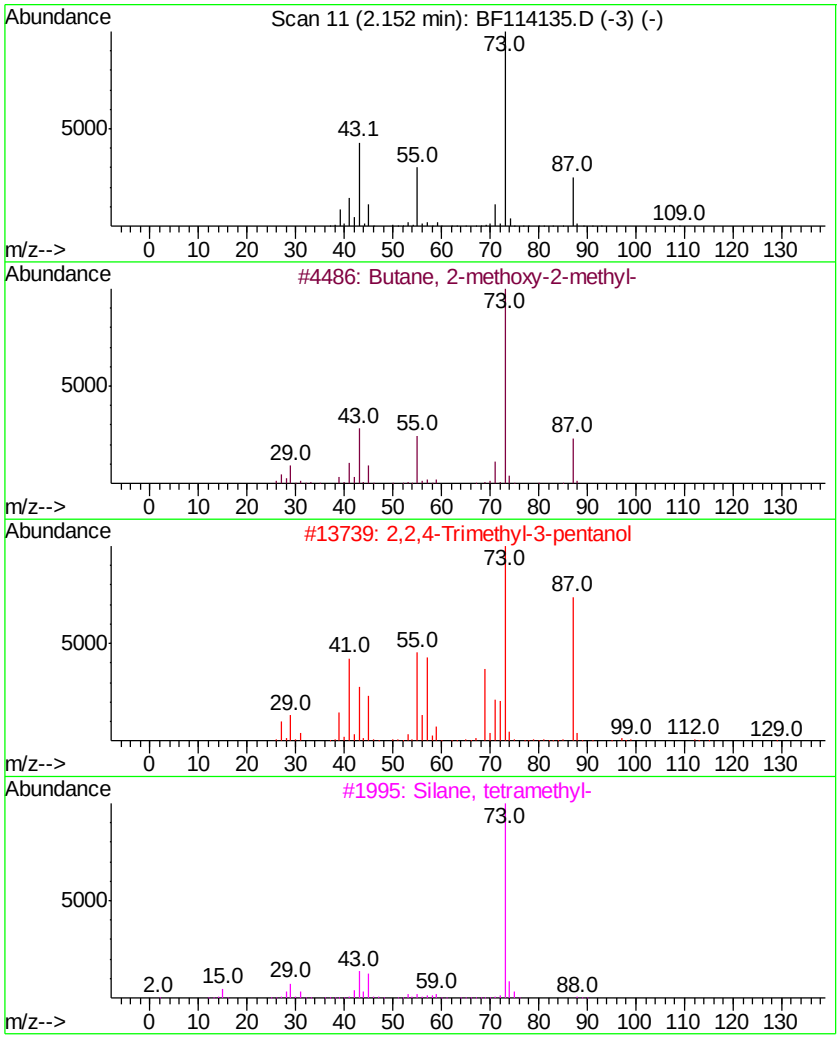
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

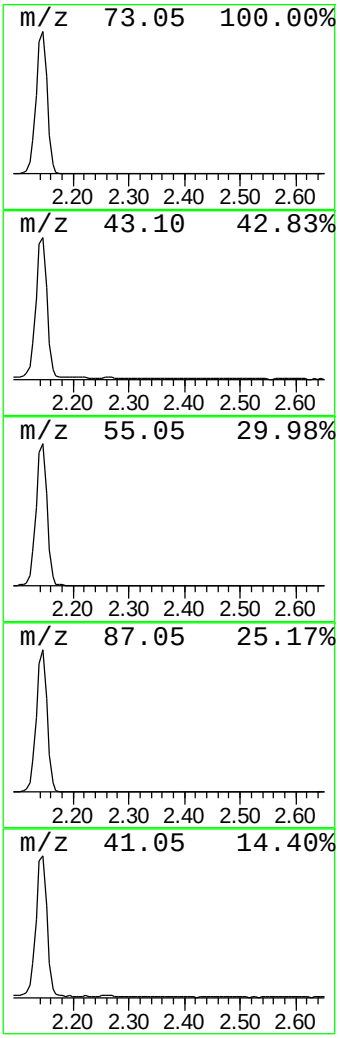
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	47.59 ng	4580610	1,4-Dichlorobenzene-d4	6.85

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





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Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

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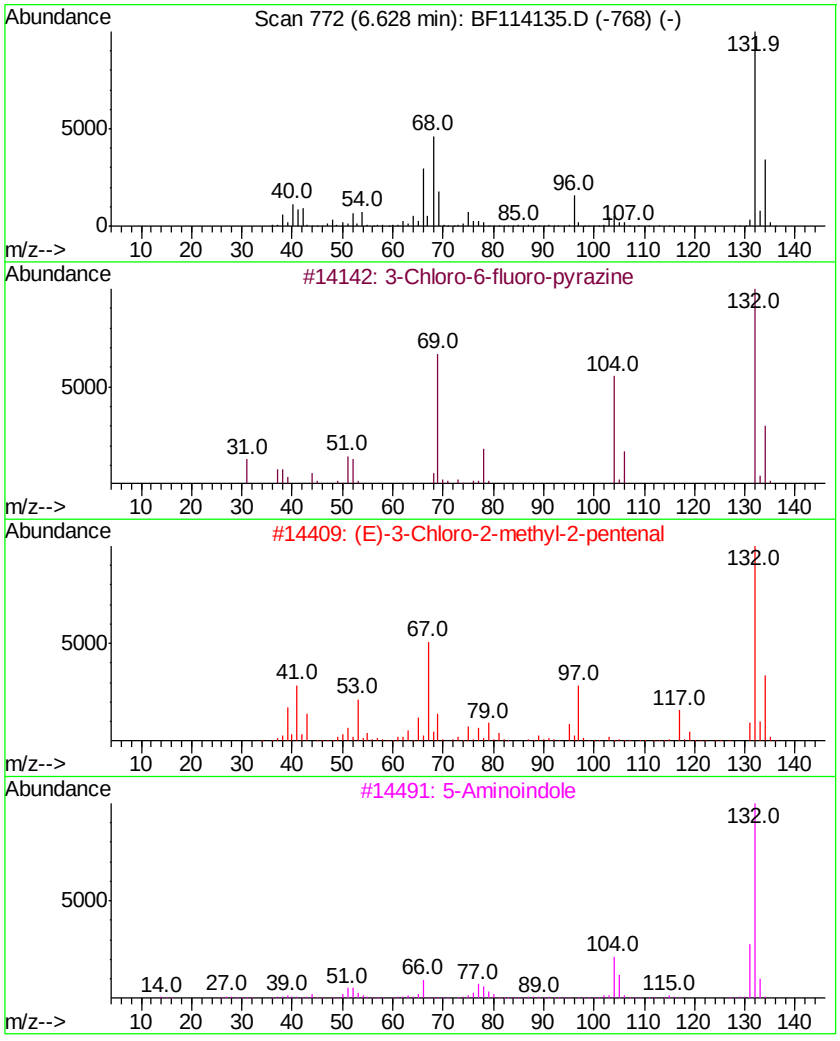
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

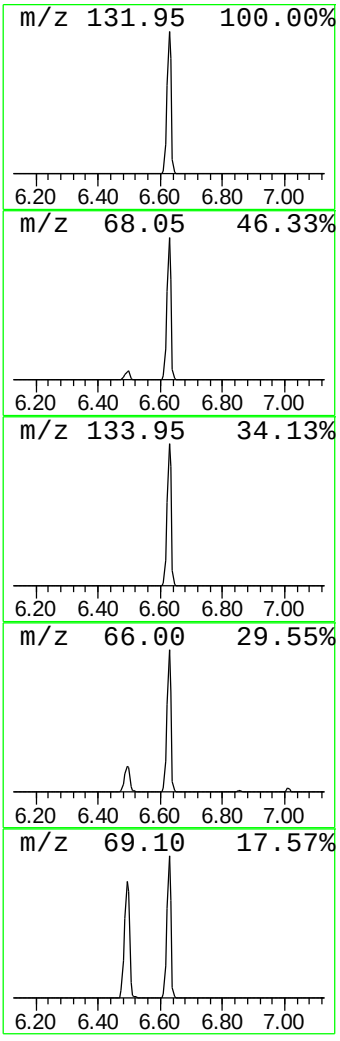
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	85.07 ng	8187600	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
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Operator : JU/SJ
Sample : K2764-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

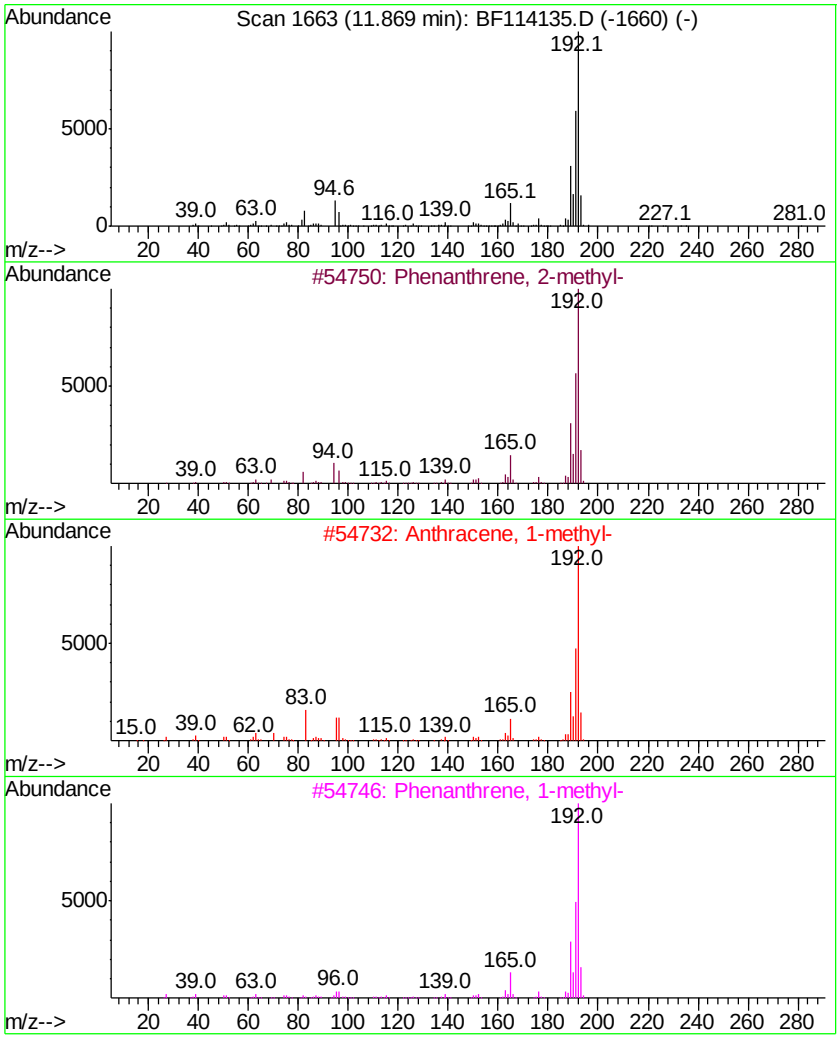
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

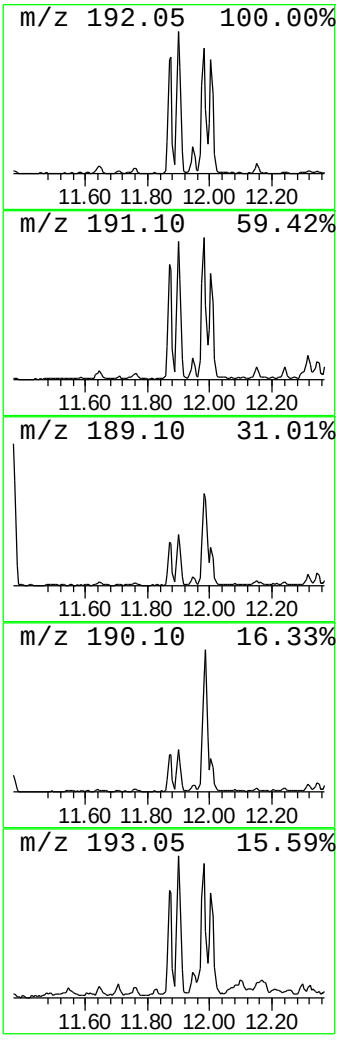
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.50 ng	483825	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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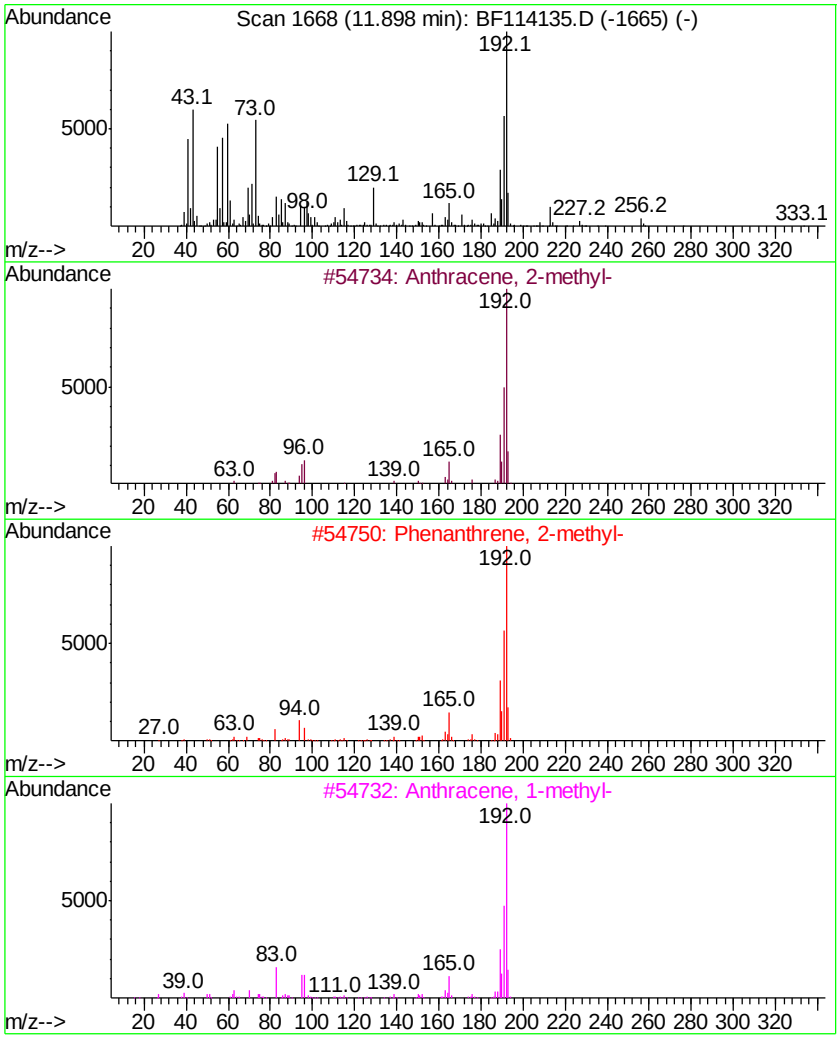
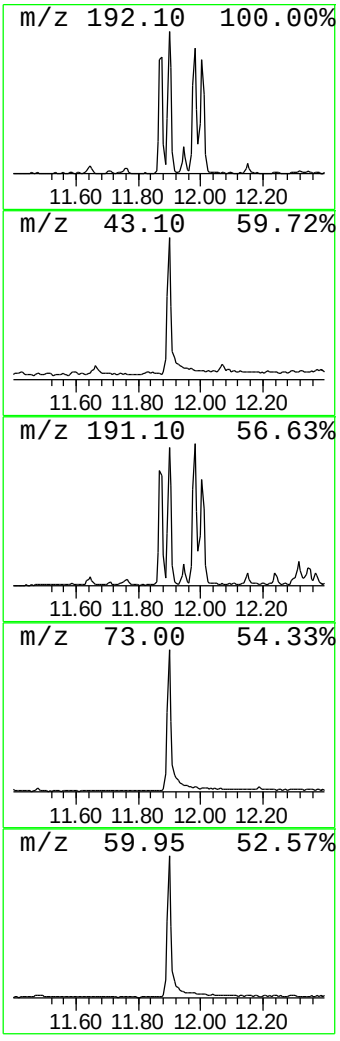
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	13.63 ng	1466260	Phenanthrene-d10	11.37

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





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

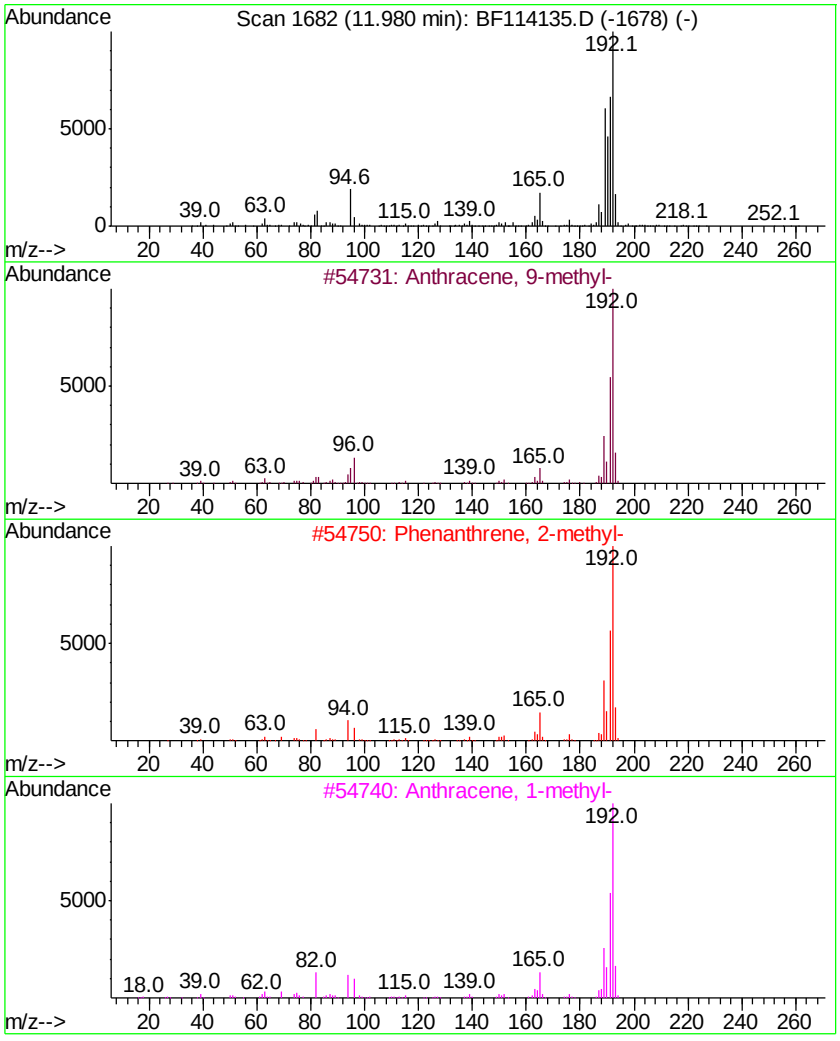
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

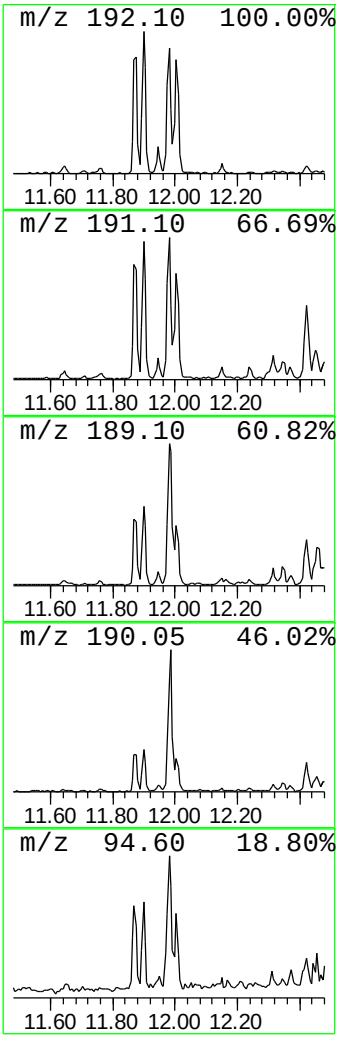
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	8.13 ng	874662	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60





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Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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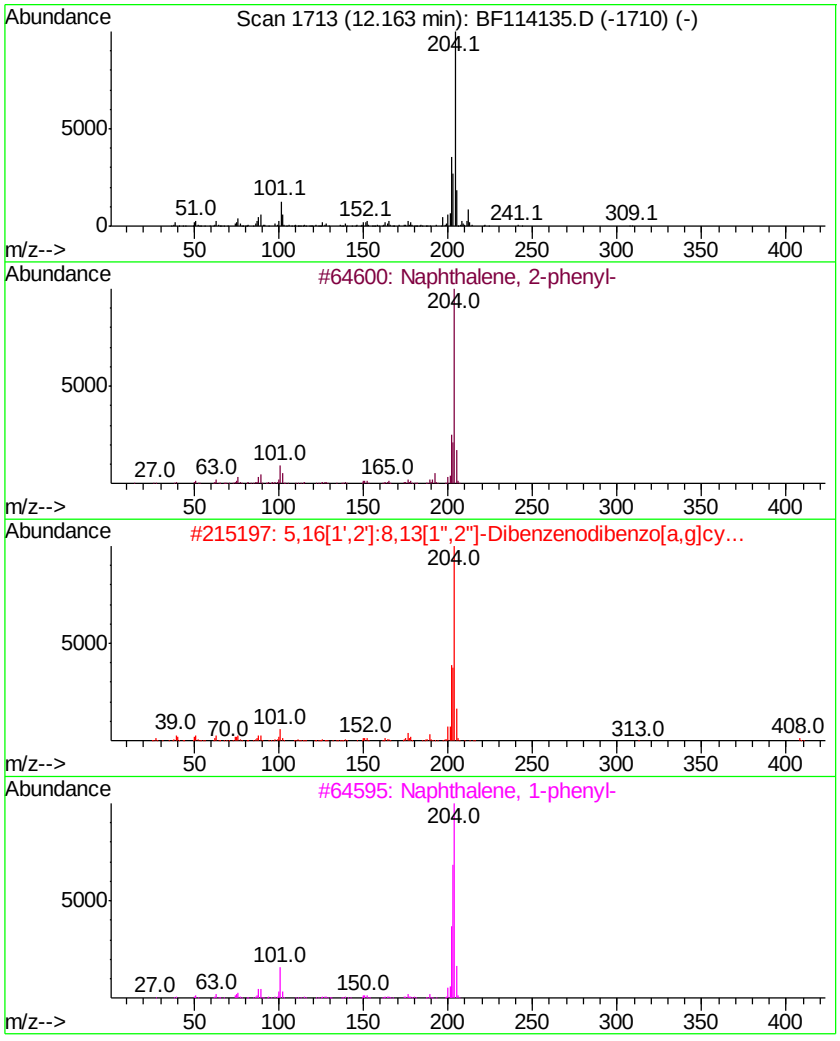
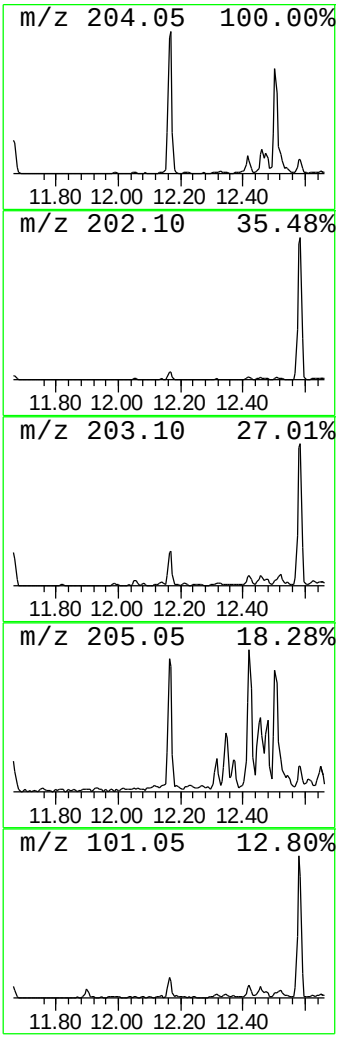
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.71 ng	398830	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	50





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Data File : BF114135.D
Acq On : 10 May 2019 21:54
Operator : JU/SJ
Sample : K2764-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

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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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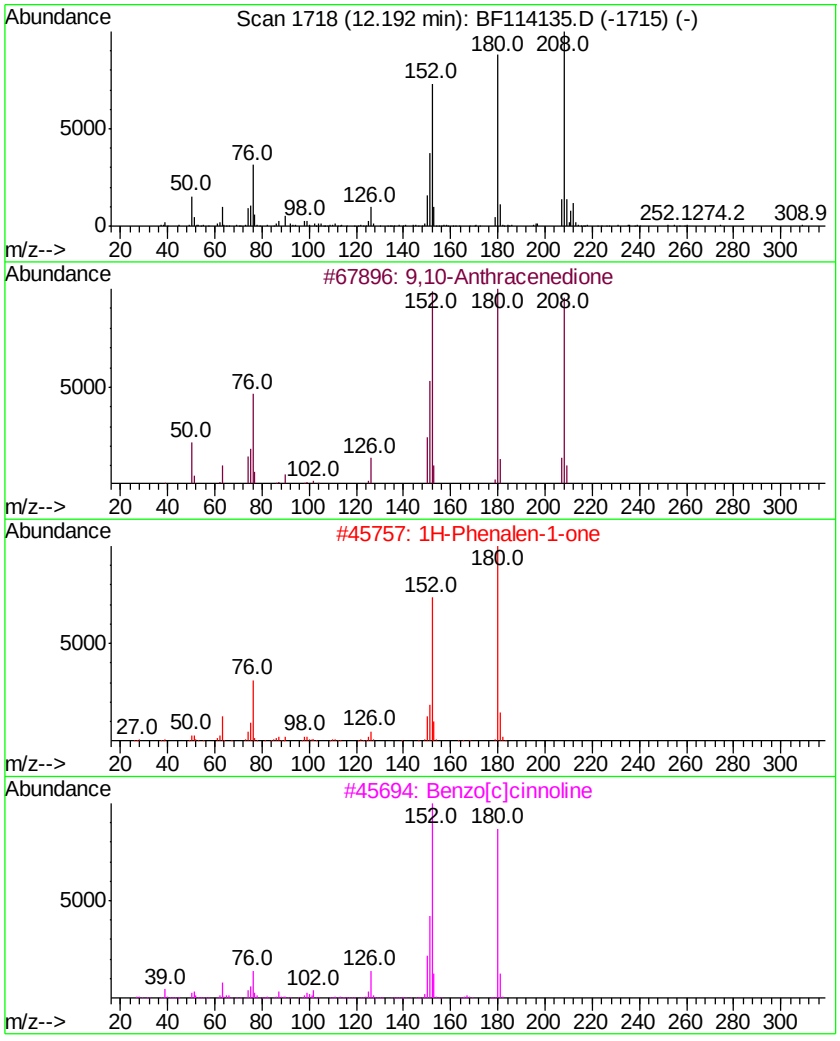
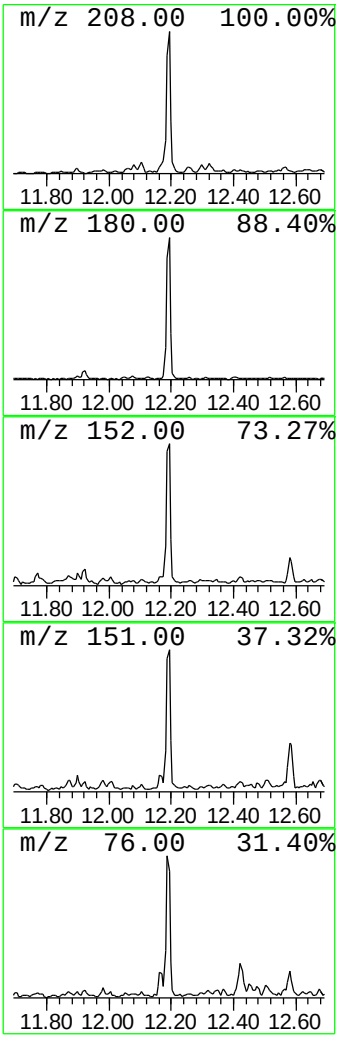
Peak Number 9 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	5.50 ng	591625	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	47





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Acq On : 10 May 2019 21:54
Operator : JU/SJ
Sample : K2764-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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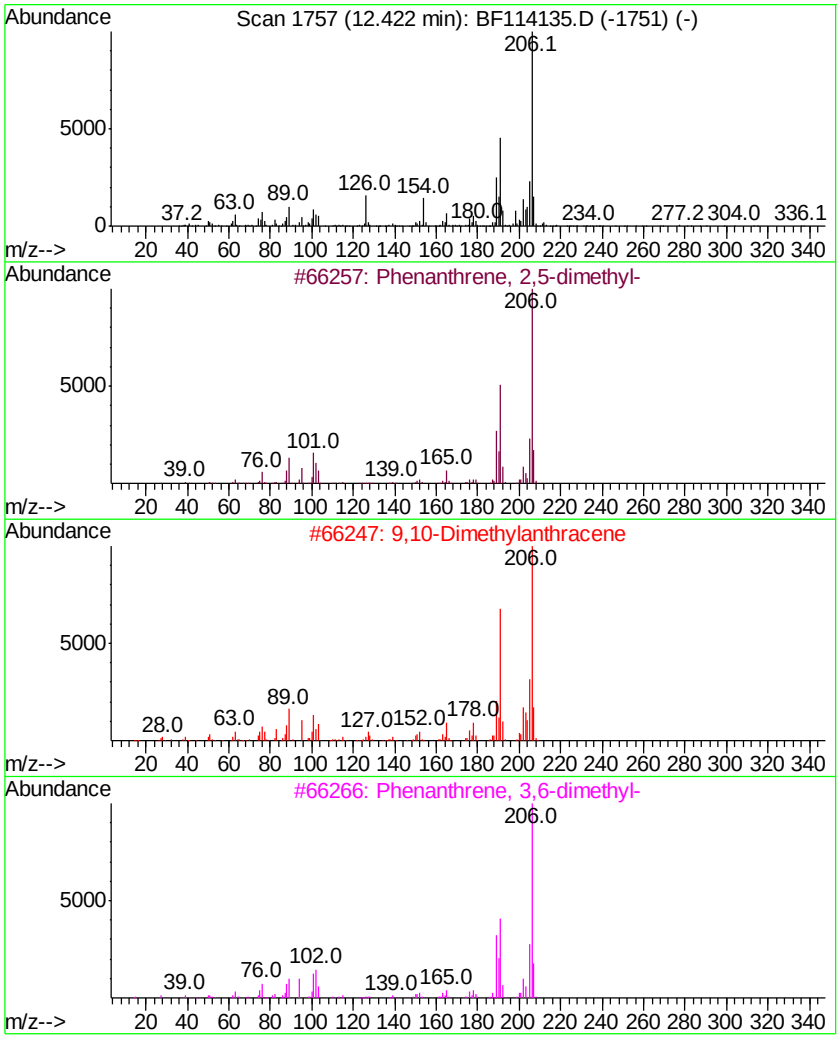
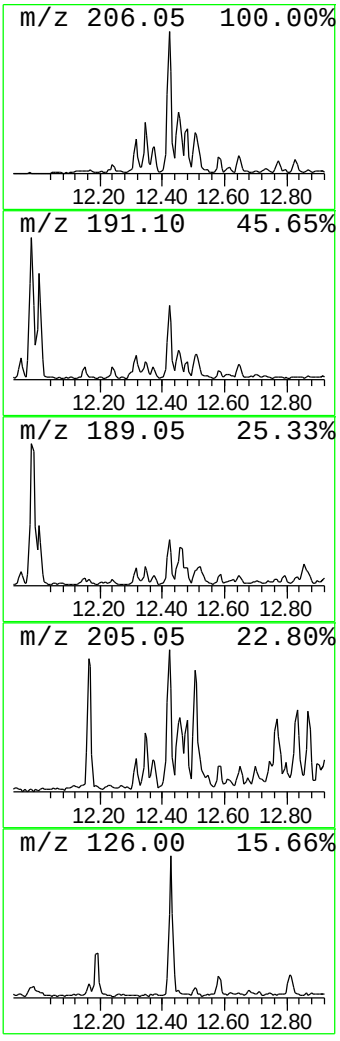
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	6.34 ng	682159	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
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	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Acq On : 10 May 2019 21:54
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Sample : K2764-18
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

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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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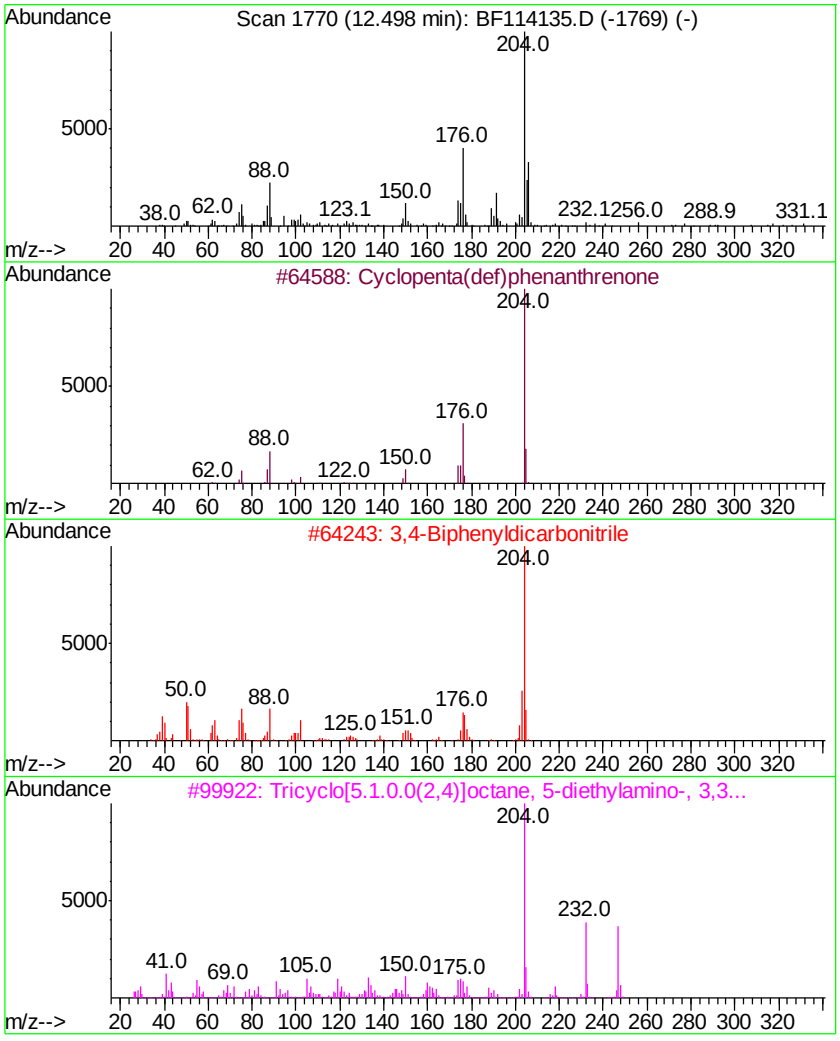
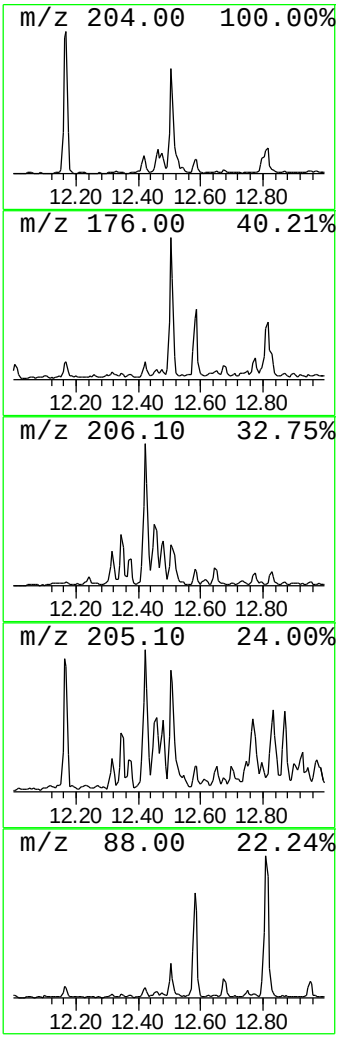
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.13 ng	444161	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





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Sample : K2764-18
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ClientSampleId : P026-SS002-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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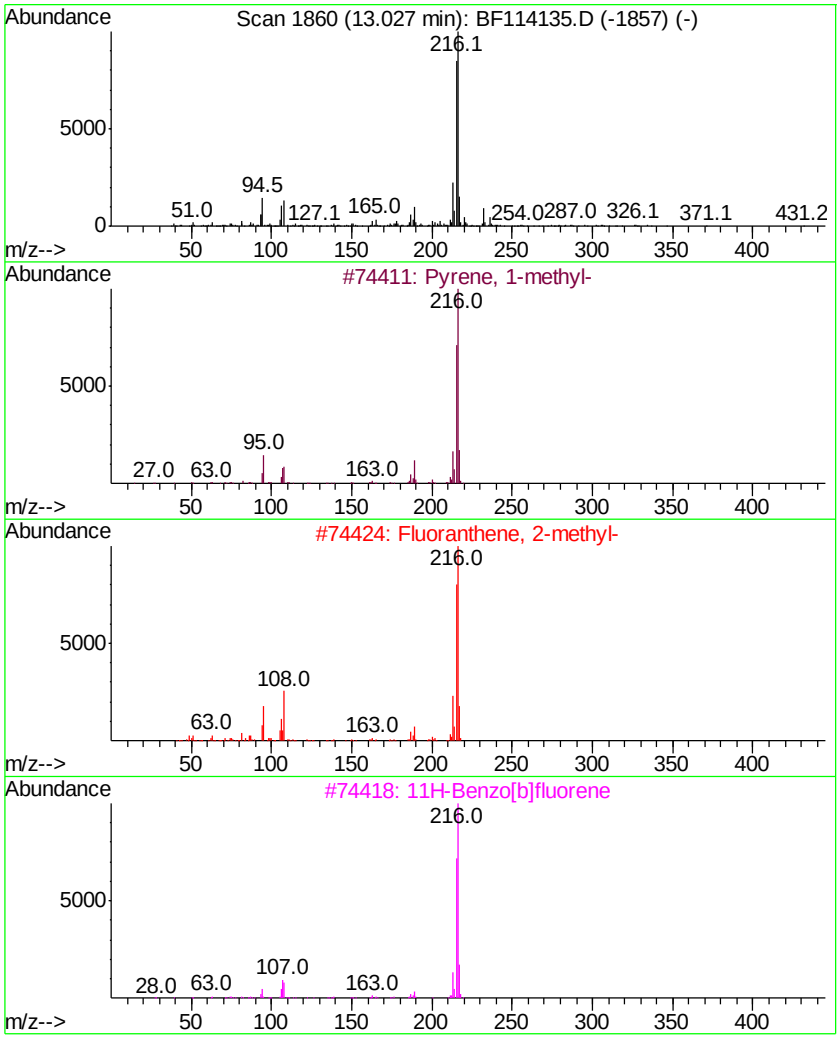
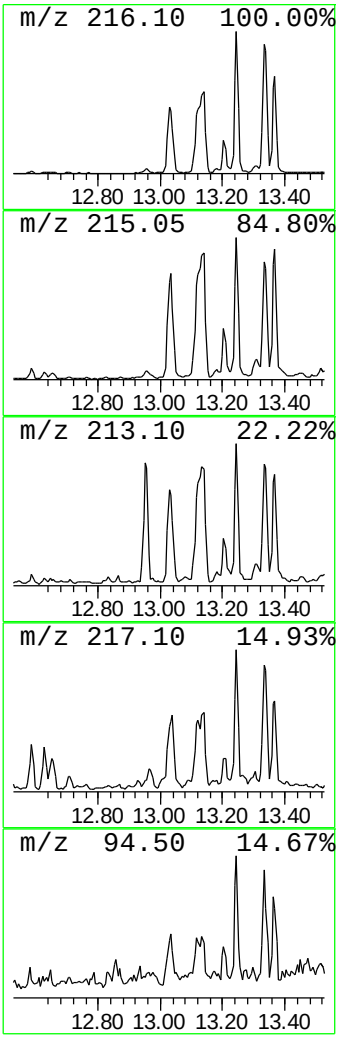
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.70 ng	667076	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Sample : K2764-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : P026-SS002-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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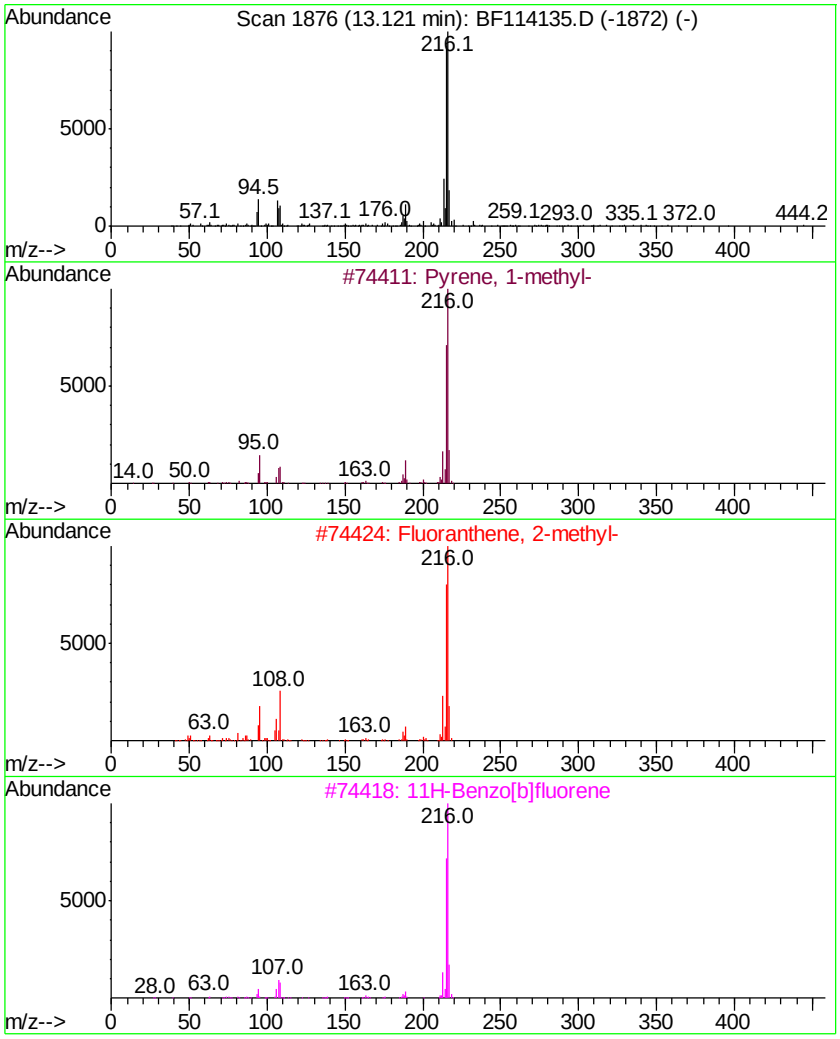
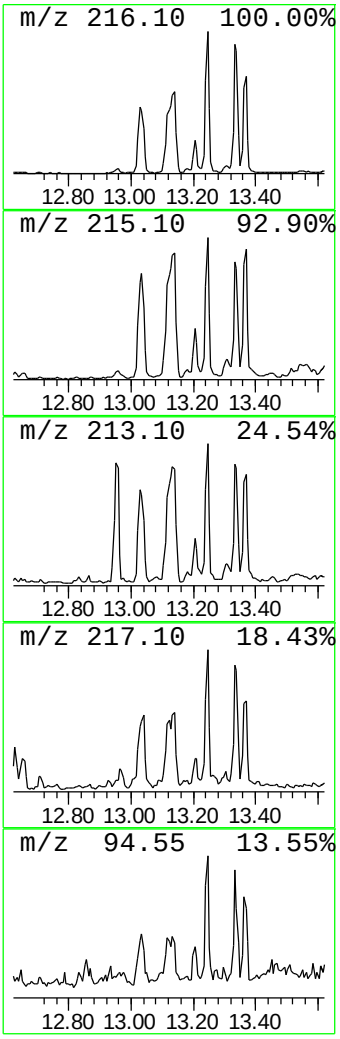
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.67 ng	481296	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Operator : JU/SJ
Sample : K2764-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

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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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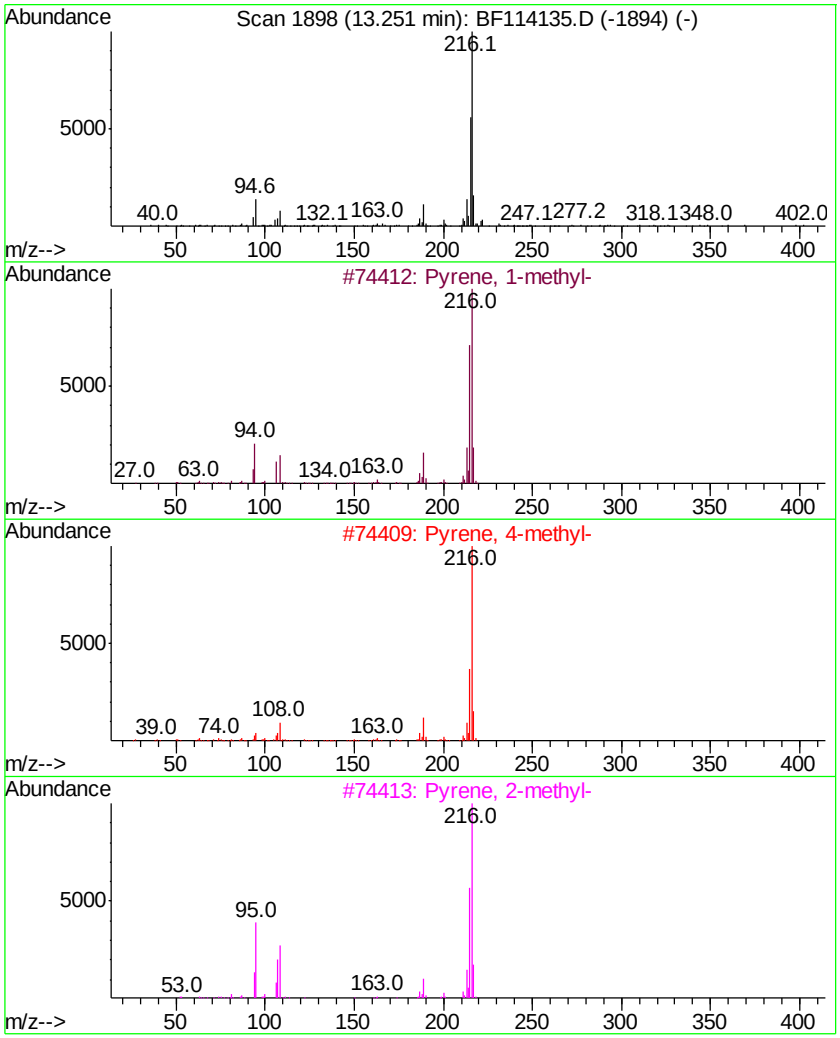
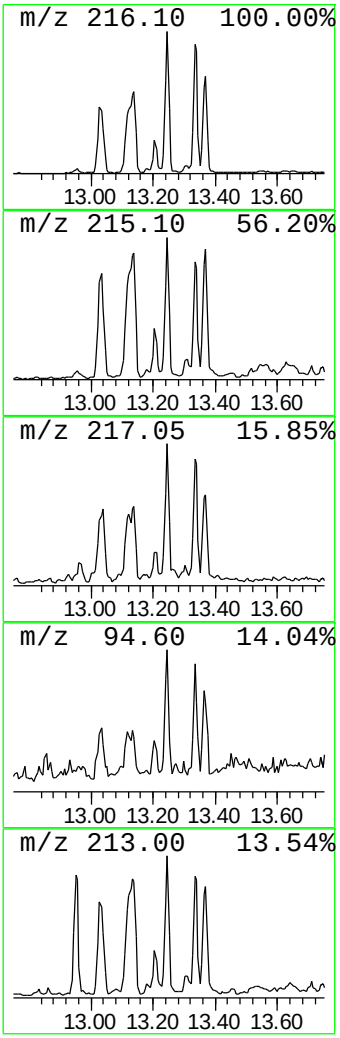
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.75 ng	495702	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Library Search Compound Report

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Operator : JU/SJ
Sample : K2764-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

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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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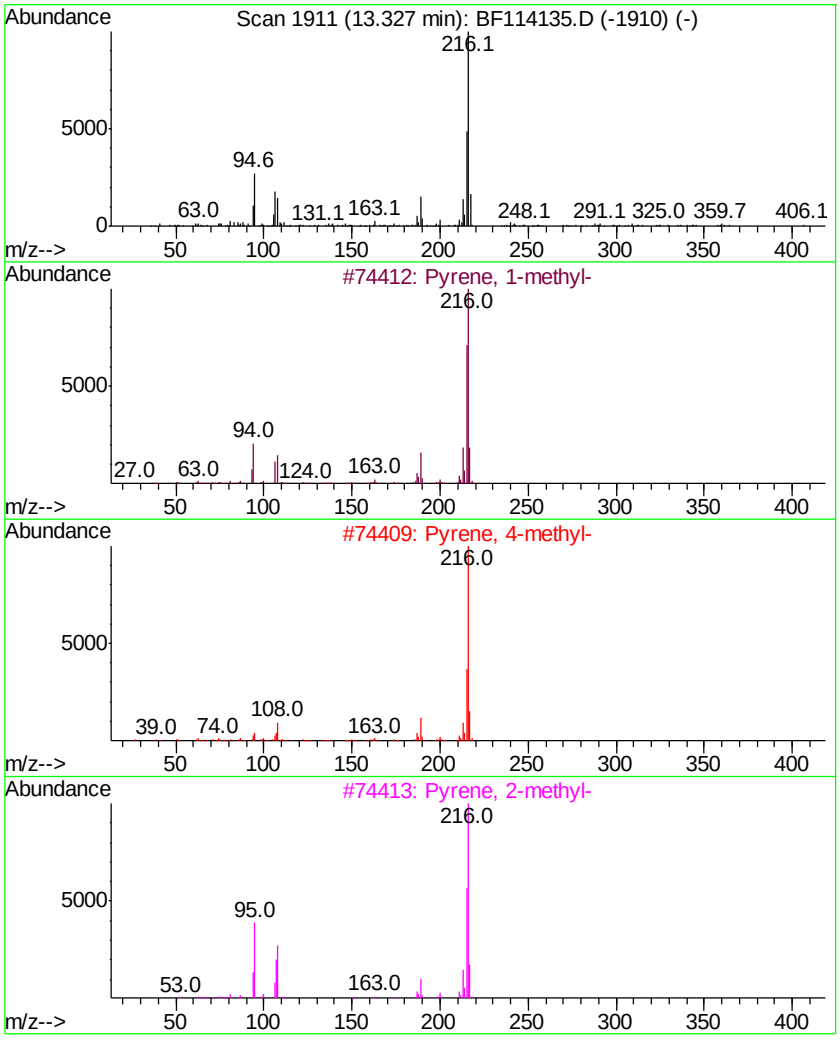
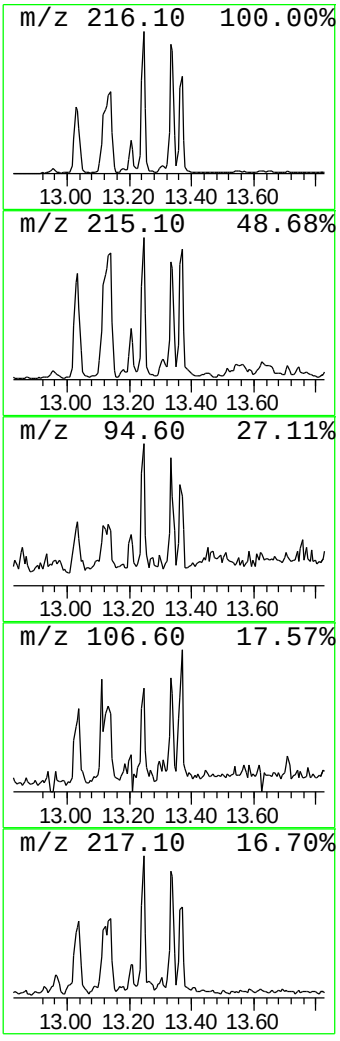
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.55 ng	460184	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





Library Search Compound Report

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Sample : K2764-18
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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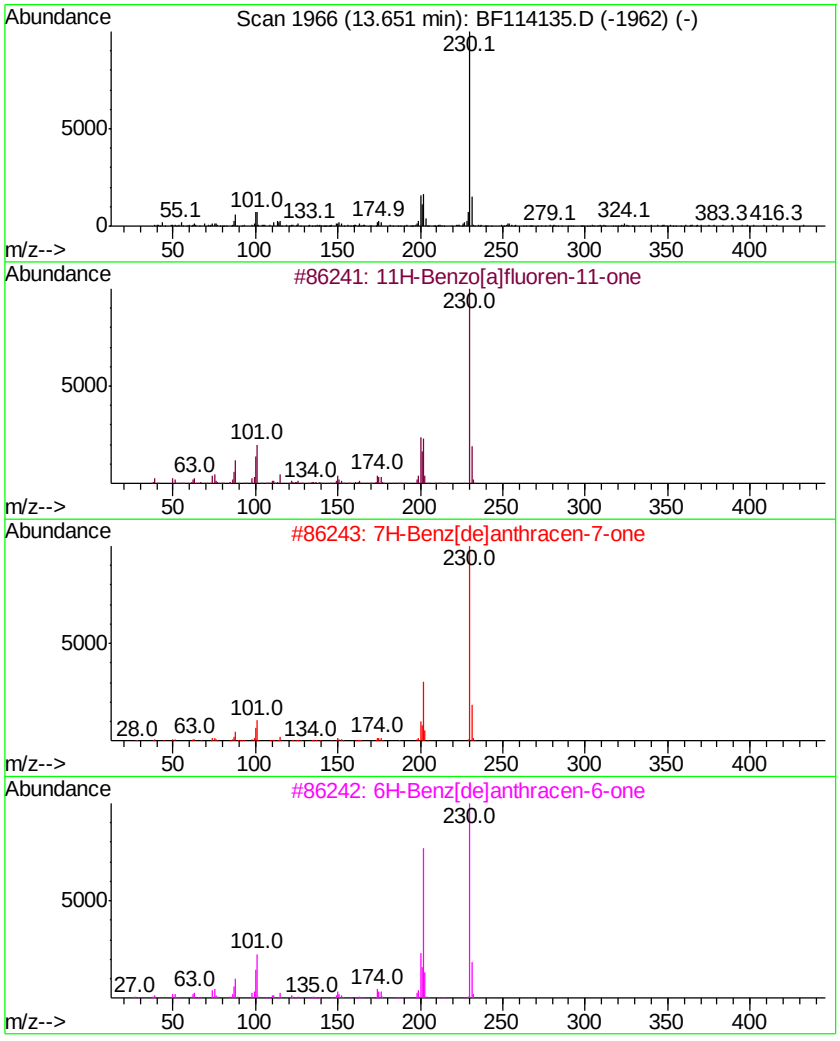
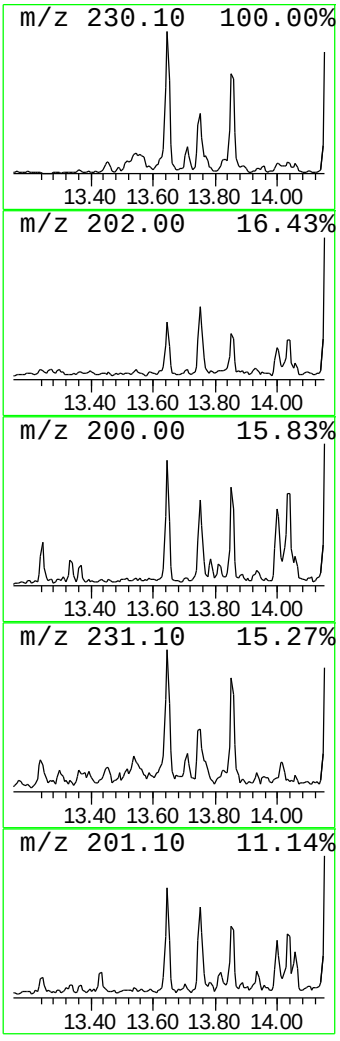
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.39 ng	430087	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53





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Sample : K2764-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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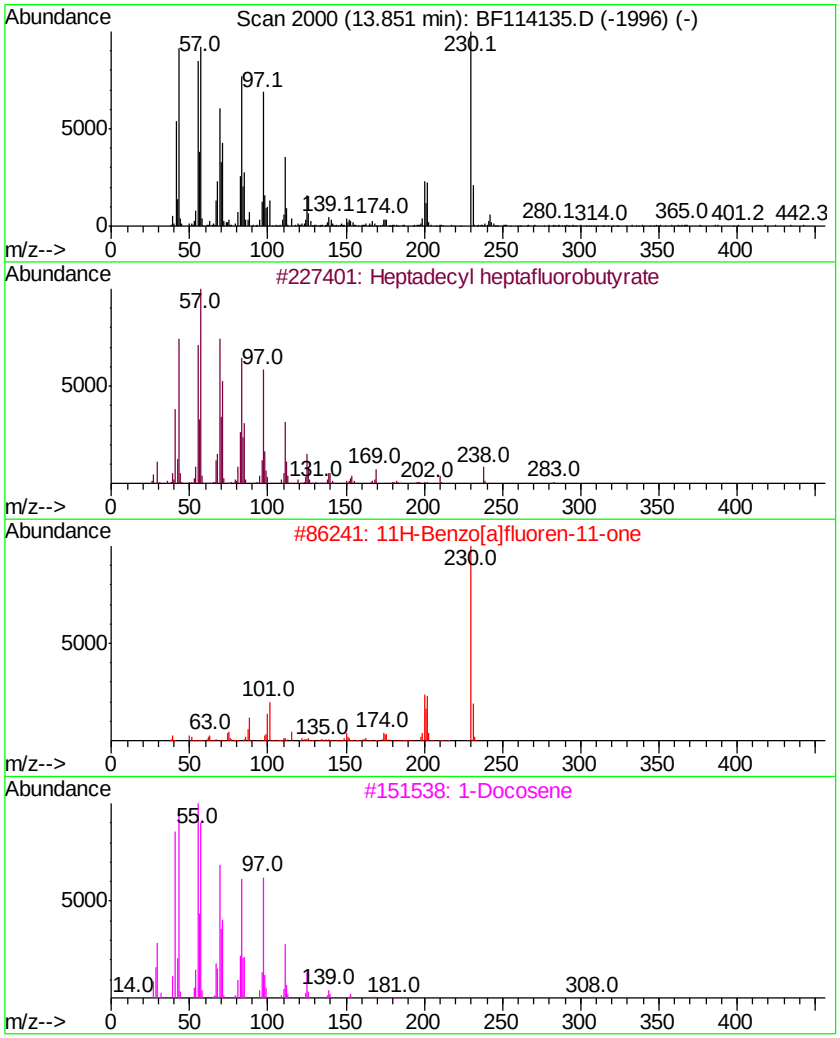
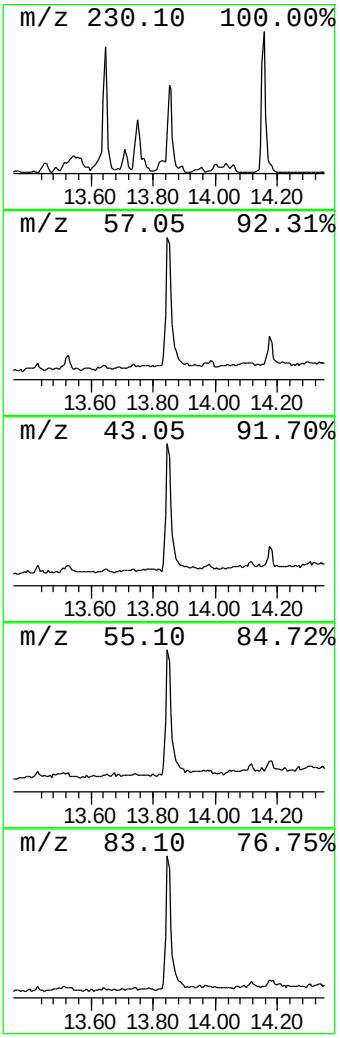
Peak Number 18 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	7.72 ng	1391050	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	78
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	72
3	1-Docosene	308	C22H44	001599-67-3	70
4	1-Heptacosanol	396	C27H56O	002004-39-9	60
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	60





Library Search Compound Report

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ClientSampleId : P026-SS002-0612-01

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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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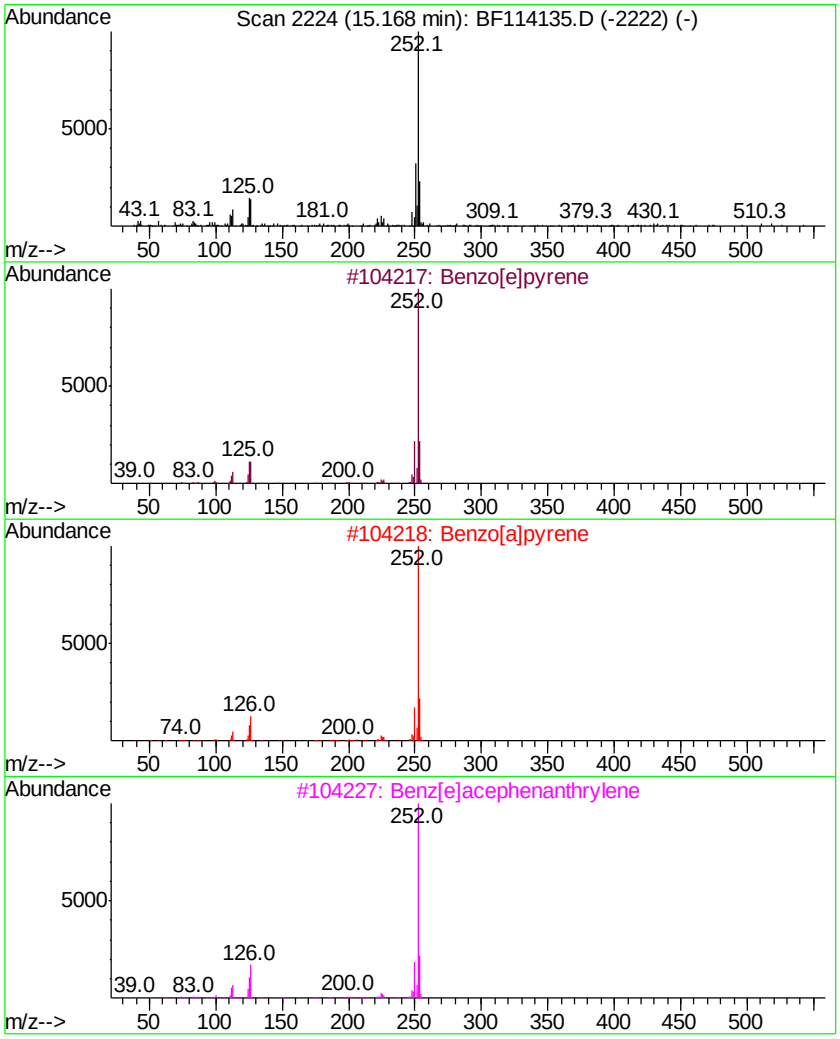
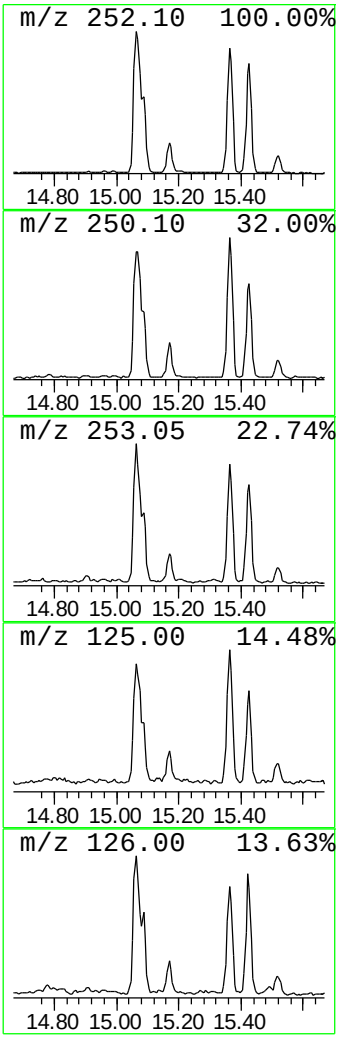
Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.77 ng	287738	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

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Data File : BF114135.D
Acq On : 10 May 2019 21:54
Operator : JU/SJ
Sample : K2764-18
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.15	47.6	ng	4580610	1	6.85	1924950	20.0
unknown6.63	6.63	85.1	ng	8187600	1	6.85	1924950	20.0
Phenanthrene, 2-m...	11.87	4.5	ng	483825	4	11.37	2150800	20.0
Anthracene, 2-met...	11.90	13.6	ng	1466260	4	11.37	2150800	20.0
Anthracene, 9-met...	11.98	8.1	ng	874662	4	11.37	2150800	20.0
Naphthalene, 2-ph...	12.16	3.7	ng	398830	4	11.37	2150800	20.0
9,10-Anthracenedione	12.19	5.5	ng	591625	4	11.37	2150800	20.0
Phenanthrene, 2,5...	12.42	6.3	ng	682159	4	11.37	2150800	20.0
Cyclopenta(def)ph...	12.50	4.1	ng	444161	4	11.37	2150800	20.0
Pyrene, 1-methyl-	13.03	3.7	ng	667076	5	14.01	3602840	20.0
Fluoranthene, 2-m...	13.12	2.7	ng	481296	5	14.01	3602840	20.0
Pyrene, 4-methyl-	13.25	2.8	ng	495702	5	14.01	3602840	20.0
11H-Benzo[a]fluorene	13.33	2.5	ng	460184	5	14.01	3602840	20.0
11H-Benzo[a]fluor...	13.65	2.4	ng	430087	5	14.01	3602840	20.0
Heptadecyl heptaf...	13.85	7.7	ng	1391050	5	14.01	3602840	20.0
Benzo[e]pyrene	15.17	3.8	ng	287738	6	15.49	1525590	20.0