LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103137.D
Acq On : 21 Feb 2018 15:38
Operator : SJ/JU
Sample : J1623-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	2.163	6	13	23	rVB	1035532	1364173	32.66%	2.650%
2	5.081	504	509	512	rBV	39305	49539	1.19%	0.096%
3	5.122	512	516	527	rVB	98616	149626	3.58%	0.291%
4	5.504	576	581	584	rBV	3995983	4176507	100.00%	8.112%
5	6.516	747	753	771	rBV	3418629	4119572	98.64%	8.001%
6	6.651	771	776	779	rBV	4103362	4066415	97.36%	7.898%
7	6.875	811	814	818	rBV	1362805	1124985	26.94%	2.185%
8	7.033	837	841	844	rBV	3487016	3196572	76.54%	6.209%
9	7.445	905	911	914	rBV	2648230	2725806	65.27%	5.294%
10	8.157	1029	1032	1050	rVB	1480686	1524313	36.50%	2.961%
11	9.233	1211	1215	1225	rBV	4151001	4071704	97.49%	7.908%
12	9.574	1266	1273	1275	rBV3	41477	48207	1.15%	0.094%
13	9.622	1279	1281	1289	rVB	162760	182776	4.38%	0.355%
14	9.774	1304	1307	1313	rBV	56662	50590	1.21%	0.098%
15	9.833	1314	1317	1321	rBV	119258	93844	2.25%	0.182%
16	9.916	1327	1331	1334	rBV2	1576843	1431355	34.27%	2.780%
17	9.945	1334	1336	1345	rVB	217356	204397	4.89%	0.397%
18	10.069	1353	1357	1360	rBV3	38320	43513	1.04%	0.085%
19	10.121	1363	1366	1369	rVV2	85553	91912	2.20%	0.179%
20	10.157	1369	1372	1376	rVB2	48491	46289	1.11%	0.090%
21	10.333	1395	1402	1405	rBV	172678	168779	4.04%	0.328%
22	10.463	1421	1424	1429	rVB	177318	155458	3.72%	0.302%
23	10.551	1437	1439	1442	rVB	55682	45176	1.08%	0.088%
24	10.616	1449	1450	1457	rVB2	50553	55654	1.33%	0.108%
25	10.710	1461	1466	1472	rBV	2030282	2106361	50.43%	4.091%
26	10.804	1480	1482	1492	rVB	127855	168888	4.04%	0.328%
27	11.010	1511	1517	1520	rBV3	60405	93449	2.24%	0.182%
28	11.133	1534	1538	1540	rBV4	37571	50912	1.22%	0.099%
29	11.210	1548	1551	1554	rVB2	61841	55728	1.33%	0.108%
30	11.257	1555	1559	1562	rVV3	92311	113323	2.71%	0.220%
31	11.304	1564	1567	1571	rVB	94532	94862	2.27%	0.184%
32	11.404	1580	1584	1586	rBV	1213941	1157892	27.72%	2.249%
33	11.427	1586	1588	1592	rVV	1515164	1395414	33.41%	2.710%
34	11.480	1592	1597	1600	rVB	366935	313592	7.51%	0.609%

LSC Area Percent Report

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Data File : BF103137.D
Acq On : 21 Feb 2018 15:38
Operator : SJ/JU
Sample : J1623-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.633	1618	1623	1629	rBV	152656	222265	5.32%	0.432%
36	11.733	1636	1640	1644	rBV3	41314	59587	1.43%	0.116%
37	11.904	1664	1669	1672	rBV	249144	269217	6.45%	0.523%
38	11.933	1672	1674	1679	rVB	312121	279200	6.69%	0.542%
39	11.980	1679	1682	1685	rVB	116925	104397	2.50%	0.203%
40	12.021	1685	1689	1691	rBV2	315709	363664	8.71%	0.706%
41	12.086	1697	1700	1702	rBV3	52051	51220	1.23%	0.099%
42	12.157	1707	1712	1713	rVV4	45359	62217	1.49%	0.121%
43	12.180	1713	1716	1718	rVV2	107930	133461	3.20%	0.259%
44	12.198	1718	1719	1722	rVV	134940	105588	2.53%	0.205%
45	12.233	1722	1725	1729	rVB	118759	122383	2.93%	0.238%
46	12.345	1739	1744	1747	rBV2	200568	199998	4.79%	0.388%
47	12.380	1747	1750	1752	rVV	56542	43170	1.03%	0.084%
48	12.457	1759	1763	1765	rBV	167507	182320	4.37%	0.354%
49	12.492	1765	1769	1771	rVV3	90381	145549	3.48%	0.283%
50	12.515	1771	1773	1775	rVB	62696	46167	1.11%	0.090%
51	12.545	1775	1778	1782	rBV3	102387	130974	3.14%	0.254%
52	12.621	1787	1791	1795	rBV	1671797	1490875	35.70%	2.896%
53	12.657	1795	1797	1799	rVV2	83448	74994	1.80%	0.146%
54	12.680	1799	1801	1804	rVB	52830	46581	1.12%	0.090%
55	12.774	1809	1817	1819	rBV3	91509	158494	3.79%	0.308%
56	12.851	1823	1830	1835	rBV	1415424	1656983	39.67%	3.218%
57	12.898	1835	1838	1843	rVB2	127378	149745	3.59%	0.291%
58	12.992	1845	1854	1856	rBV	2619968	2782534	66.62%	5.404%
59	13.010	1856	1857	1862	rVB	123432	91716	2.20%	0.178%
60	13.062	1862	1866	1871	rBV2	114186	213307	5.11%	0.414%
61	13.127	1874	1877	1879	rVV	209861	195647	4.68%	0.380%
62	13.151	1879	1881	1883	rVV3	99862	120196	2.88%	0.233%
63	13.174	1883	1885	1888	rVB	198272	197422	4.73%	0.383%
64	13.245	1894	1897	1899	rBV	127811	100408	2.40%	0.195%
65	13.280	1899	1903	1906	rBV2	169562	204751	4.90%	0.398%
66	13.374	1916	1919	1922	rBV	112024	107609	2.58%	0.209%
67	13.404	1922	1924	1928	rVV2	115621	120370	2.88%	0.234%
68	13.457	1930	1933	1935	rVV2	84173	98980	2.37%	0.192%
69	13.486	1935	1938	1942	rVB	199361	179906	4.31%	0.349%
70	13.686	1970	1972	1977	rVB	148853	138137	3.31%	0.268%
71	13.798	1988	1991	1993	rBV2	128183	127558	3.05%	0.248%

LSC Area Percent Report

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Acq On : 21 Feb 2018 15:38
Operator : SJ/JU
Sample : J1623-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.827	1993	1996	1998	rVV	124432	118143	2.83%	0.229%
73	13.868	1998	2003	2006	rVV4	221350	343941	8.24%	0.668%
74	13.898	2006	2008	2015	rVB2	161128	194820	4.66%	0.378%
75	14.051	2029	2034	2037	rBV2	1176190	1668966	39.96%	3.242%
76	14.080	2037	2039	2046	rVB	706762	621131	14.87%	1.206%
77	14.157	2050	2052	2055	rVB	85480	61157	1.46%	0.119%
78	14.445	2098	2101	2103	rVB	132407	124331	2.98%	0.241%
79	14.474	2104	2106	2109	rVB	74500	61105	1.46%	0.119%
80	14.568	2120	2122	2124	rBV	56784	50664	1.21%	0.098%
81	15.109	2210	2214	2217	rBV	469554	706632	16.92%	1.372%
82	15.221	2230	2233	2236	rBV	77869	81596	1.95%	0.158%
83	15.421	2263	2267	2273	rVB	261190	360367	8.63%	0.700%
84	15.486	2274	2278	2283	rBV	367922	446918	10.70%	0.868%
85	15.551	2284	2289	2292	rBV	555327	753762	18.05%	1.464%
86	17.056	2540	2545	2551	rBV2	127877	241542	5.78%	0.469%
87	17.515	2620	2623	2628	rVB2	80085	135737	3.25%	0.264%

Sum of corrected areas: 51485985

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
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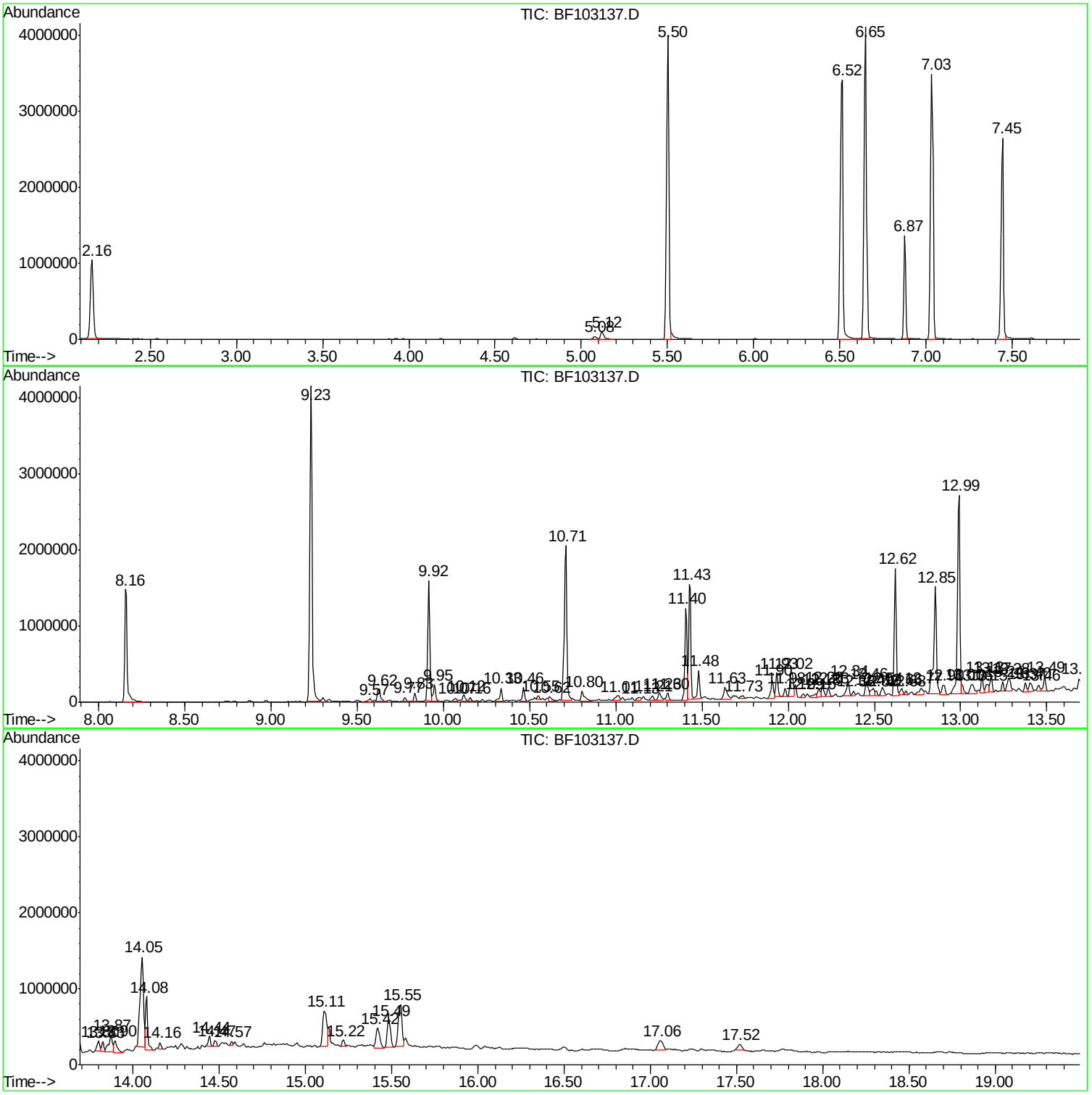
Instrument : BNA_F
ClientSampleId : TP-7-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103137.D
Acq On : 21 Feb 2018 15:38
Operator : SJ/JU
Sample : J1623-13
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Instrument : BNA_F
ClientSampleId : TP-7-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

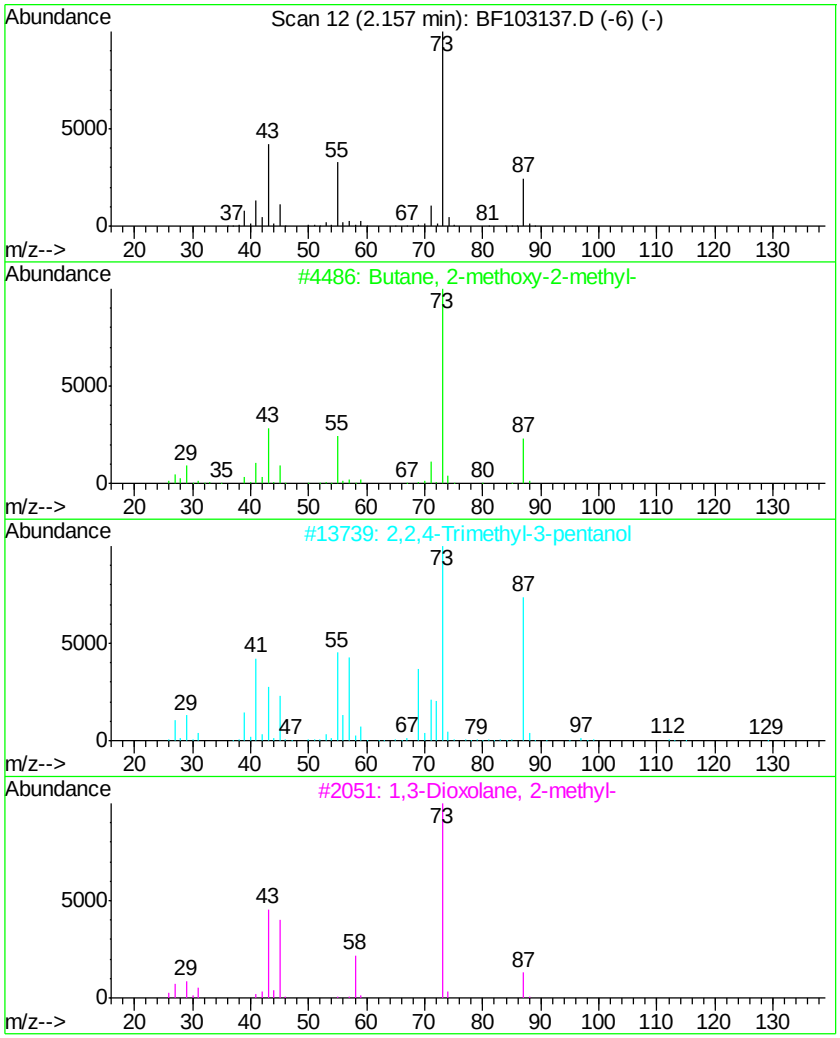
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

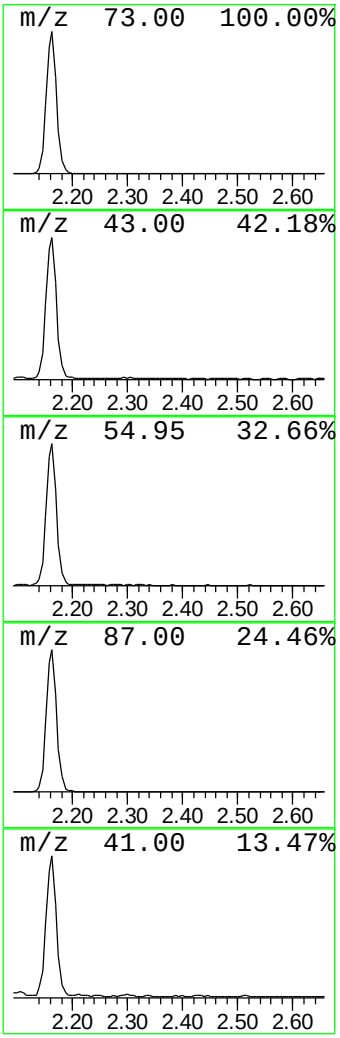
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	24.25 ng	1364170	1,4-Dichlorobenzene-d4	6.87

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	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





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Acq On : 21 Feb 2018 15:38
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Sample : J1623-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

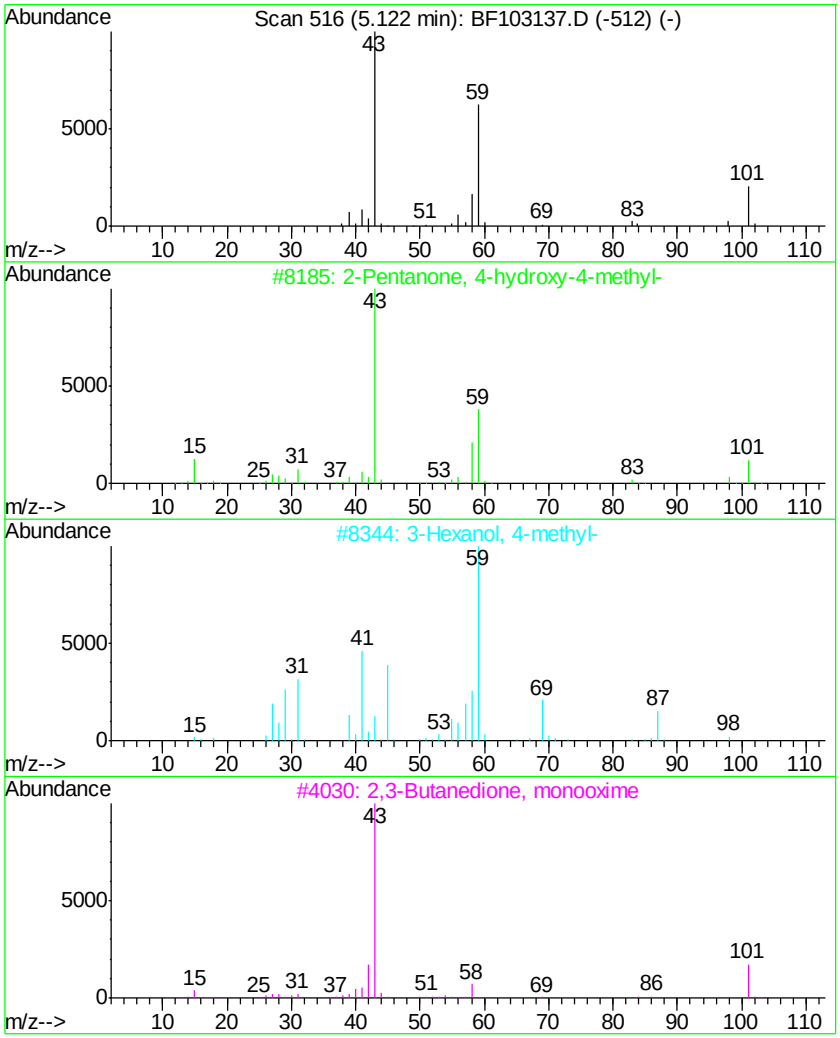
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

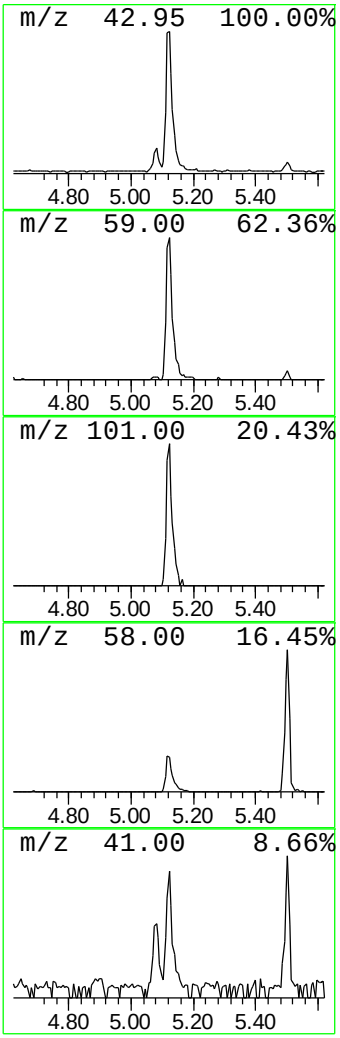
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.66 ng	149626	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Instrument : BNA_F
ClientSampleId : TP-7-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

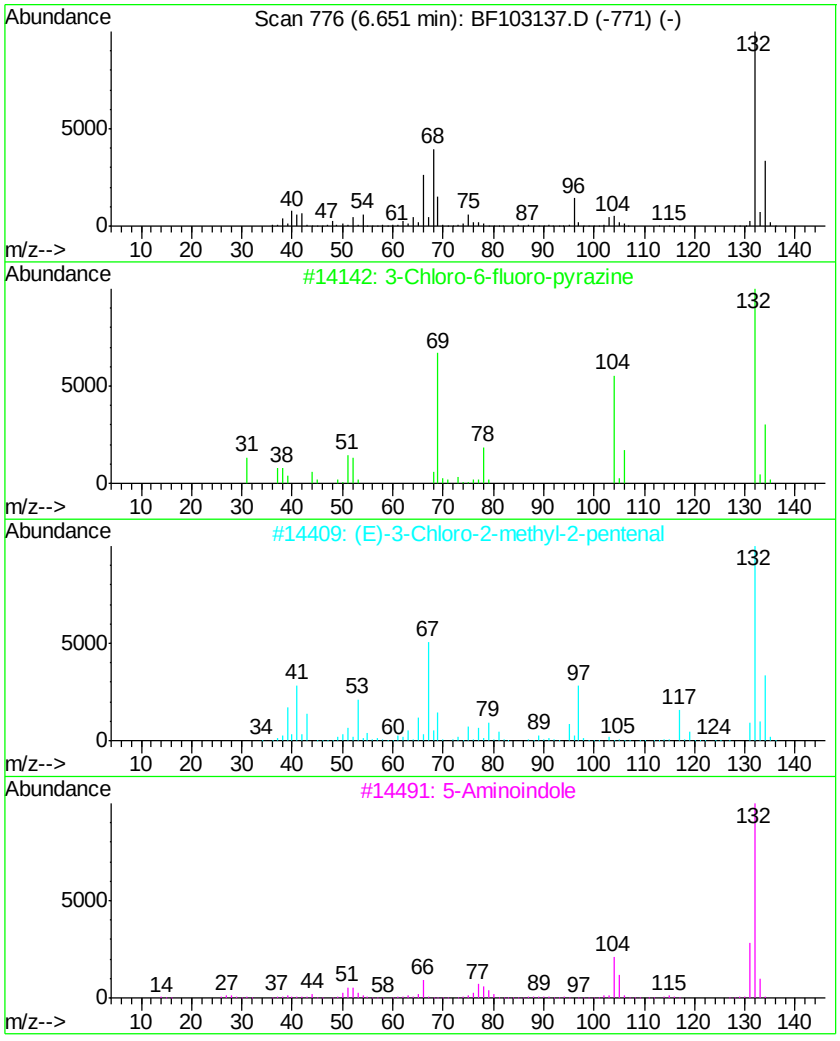
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

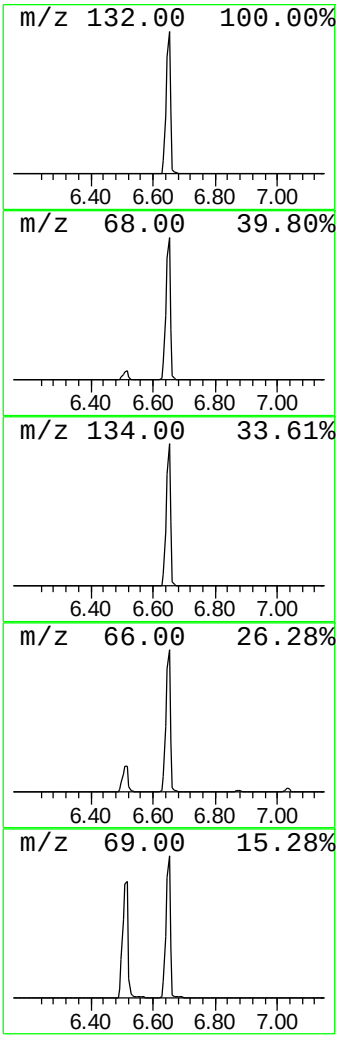
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	72.29 ng	4066420	1,4-Dichlorobenzene-d4	6.87

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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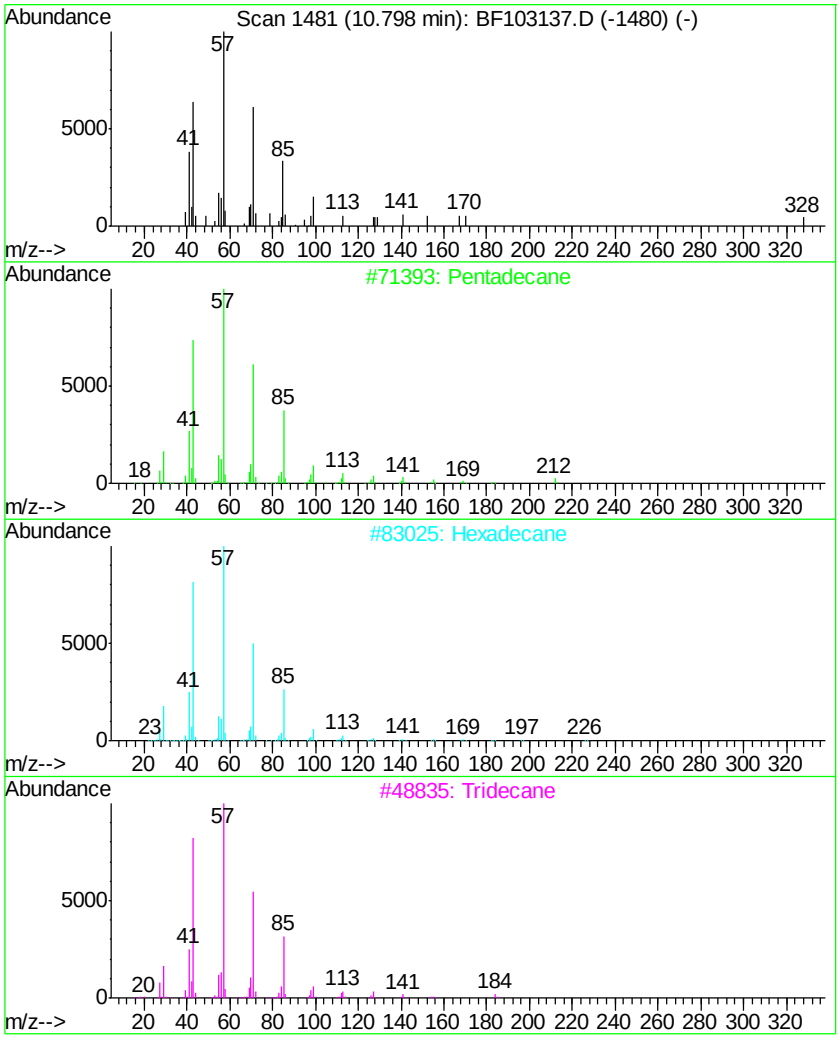
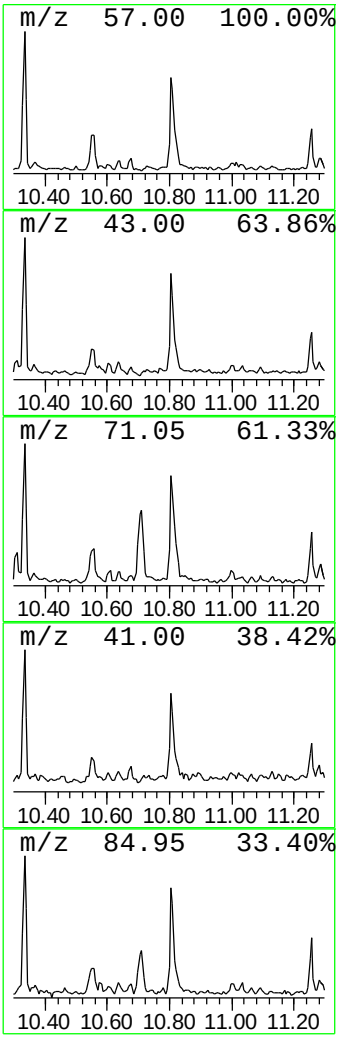
Peak Number 6 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.92 ng	168888	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Heptacosane	380	C27H56	000593-49-7	80
5	Heneicosane	296	C21H44	000629-94-7	80





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Acq On : 21 Feb 2018 15:38
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Sample : J1623-13
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

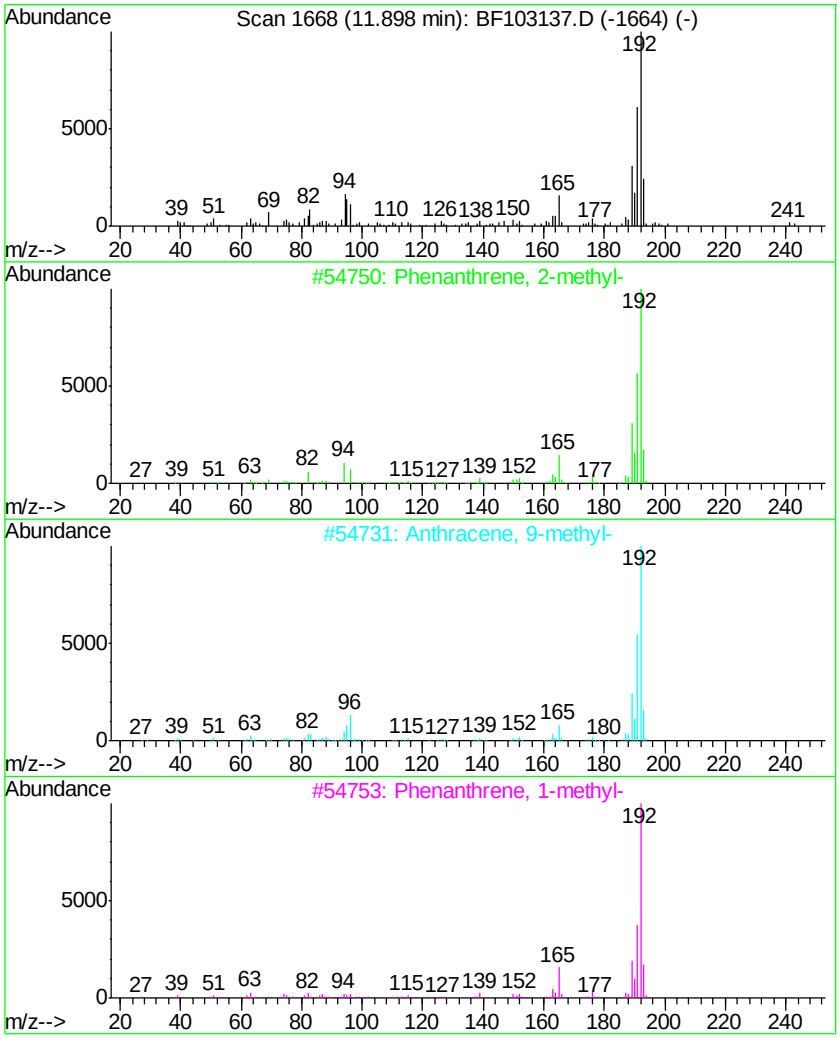
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

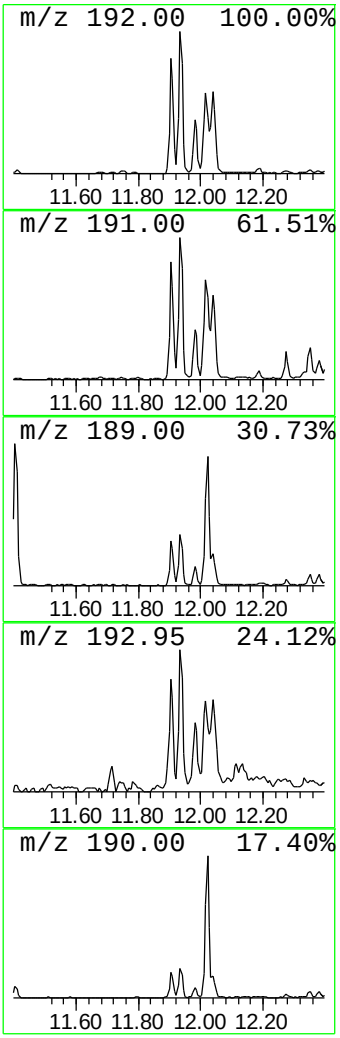
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.65 ng	269217	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Data File : BF103137.D
Acq On : 21 Feb 2018 15:38
Operator : SJ/JU
Sample : J1623-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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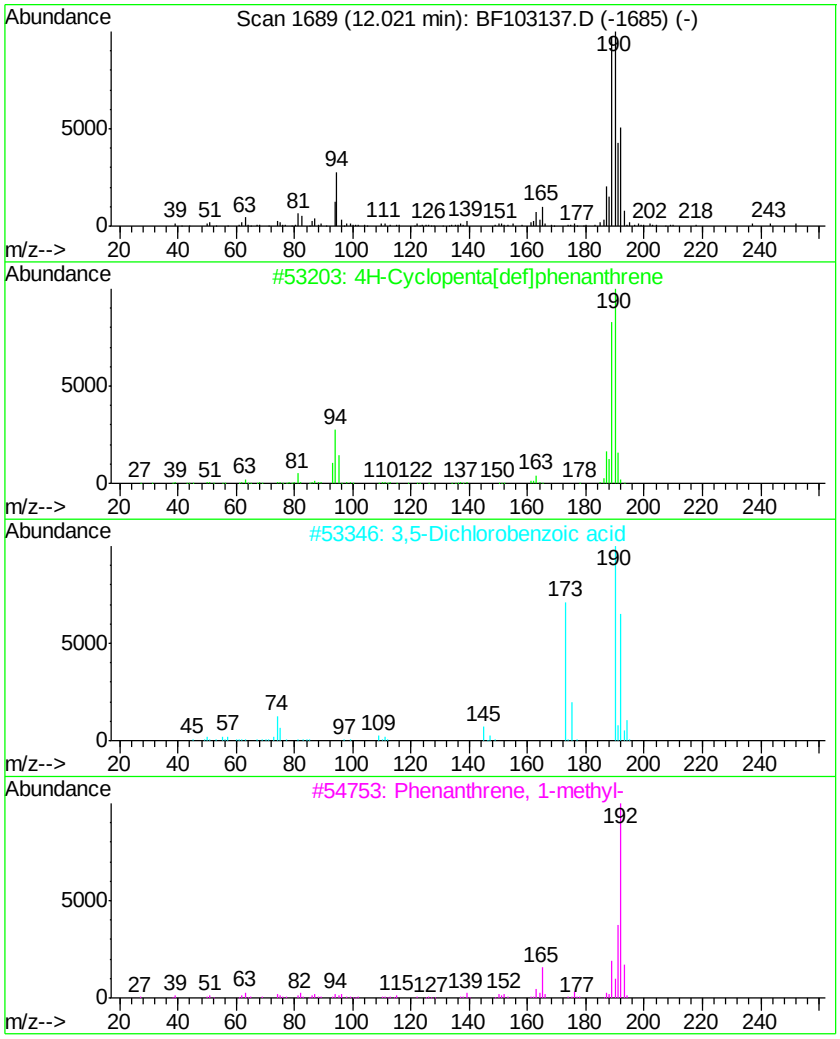
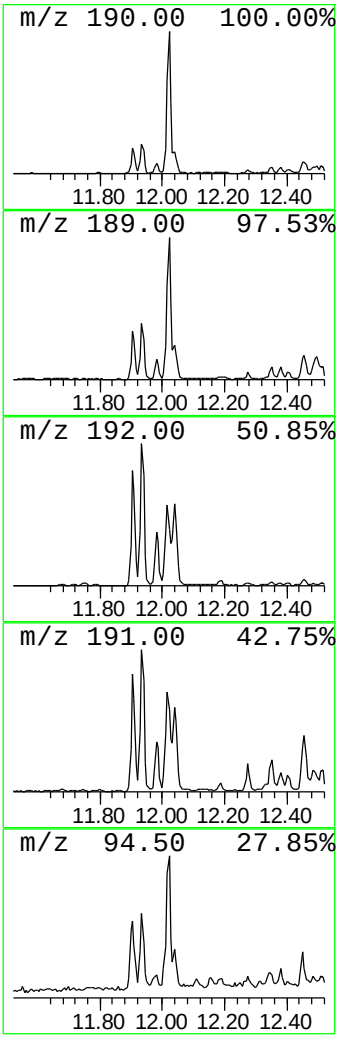
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.28 ng	363664	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	25
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	11
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	11
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	11





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Data File : BF103137.D
Acq On : 21 Feb 2018 15:38
Operator : SJ/JU
Sample : J1623-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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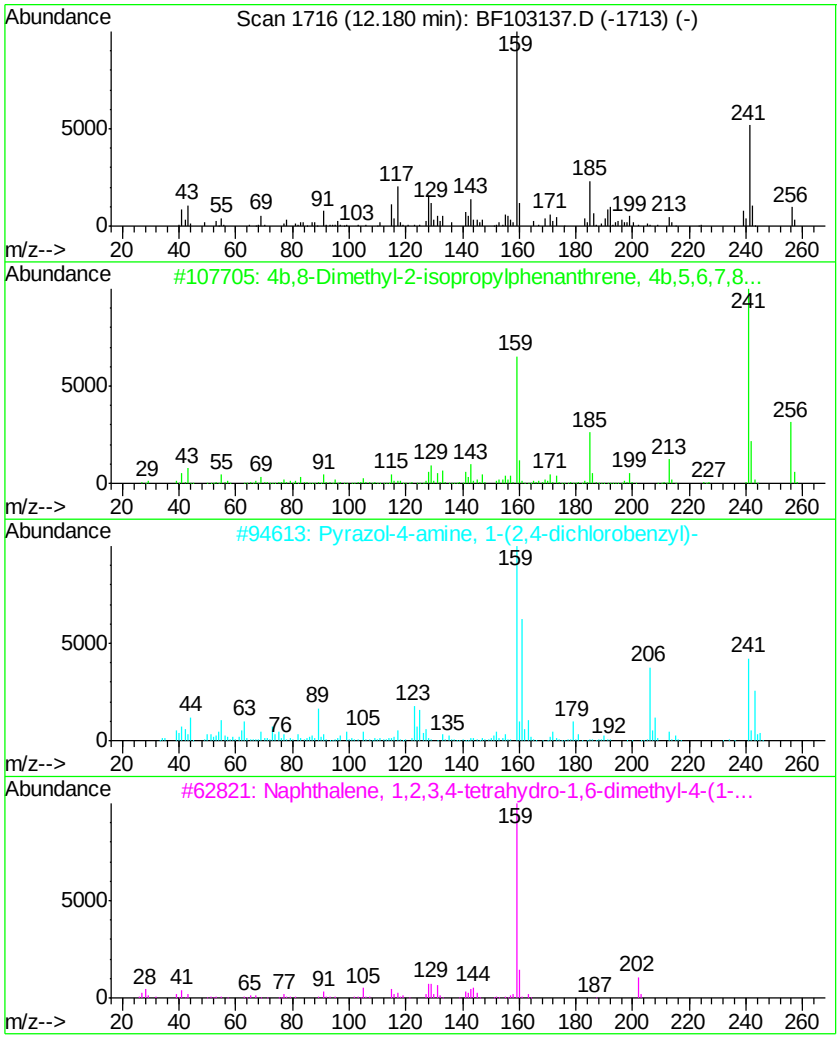
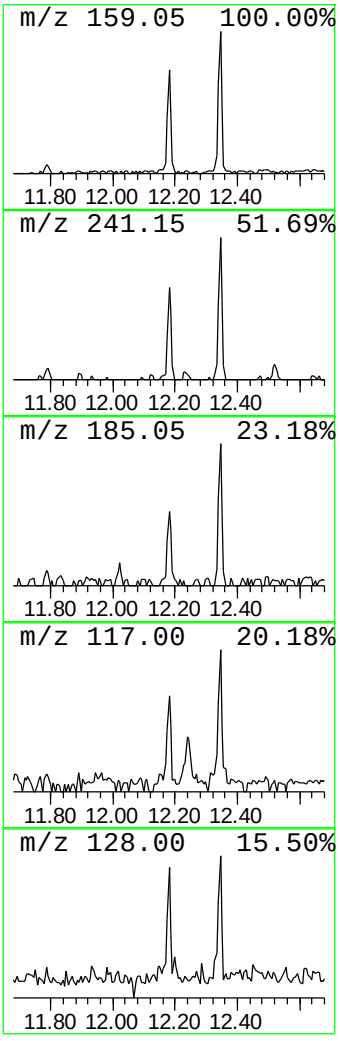
Peak Number 10 4b,8-Dimethyl-2-isopropylph... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.31 ng	133461	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	55
2	Pyrazol-4-amine, 1-(2,4-dichloro...	241	C10H9Cl2N3	1000272-85-5	40
3	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	38
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
5	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	30





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Instrument : BNA_F
ClientSampleId : TP-7-8

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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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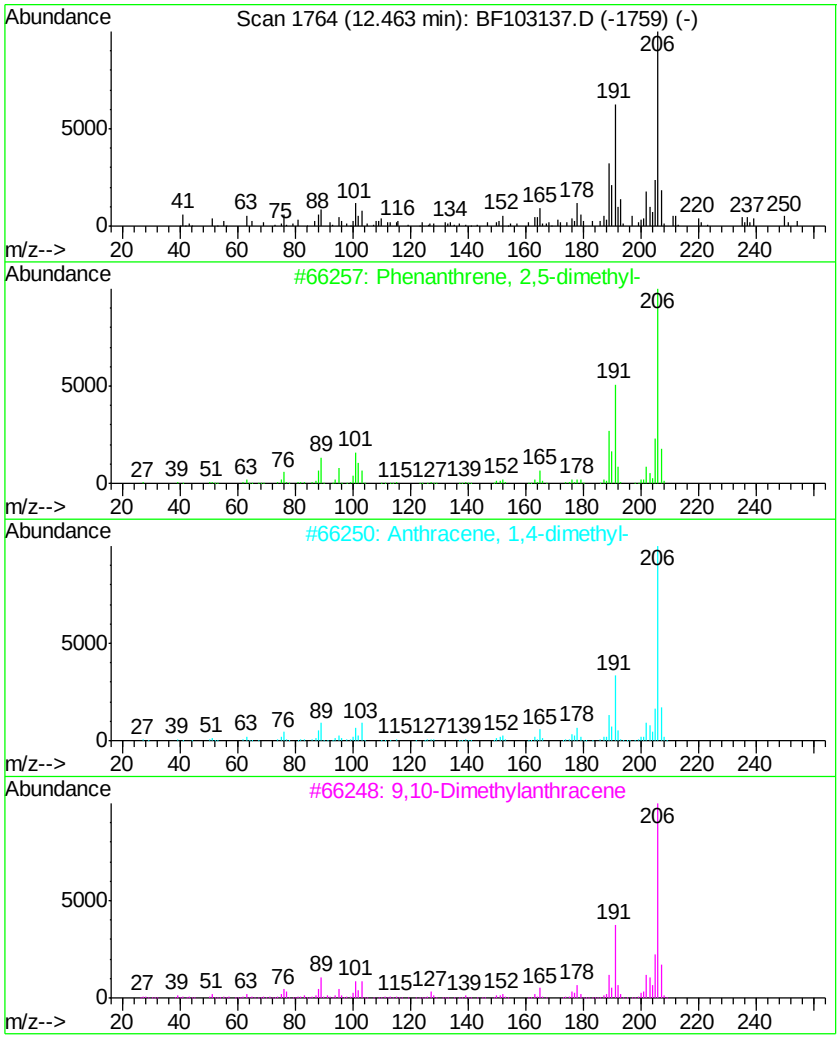
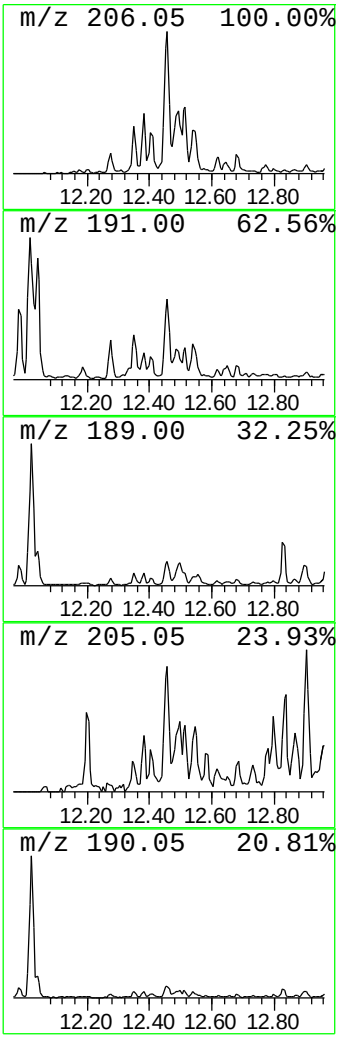
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.15 ng	182320	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92





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Instrument : BNA_F
ClientSampleId : TP-7-8

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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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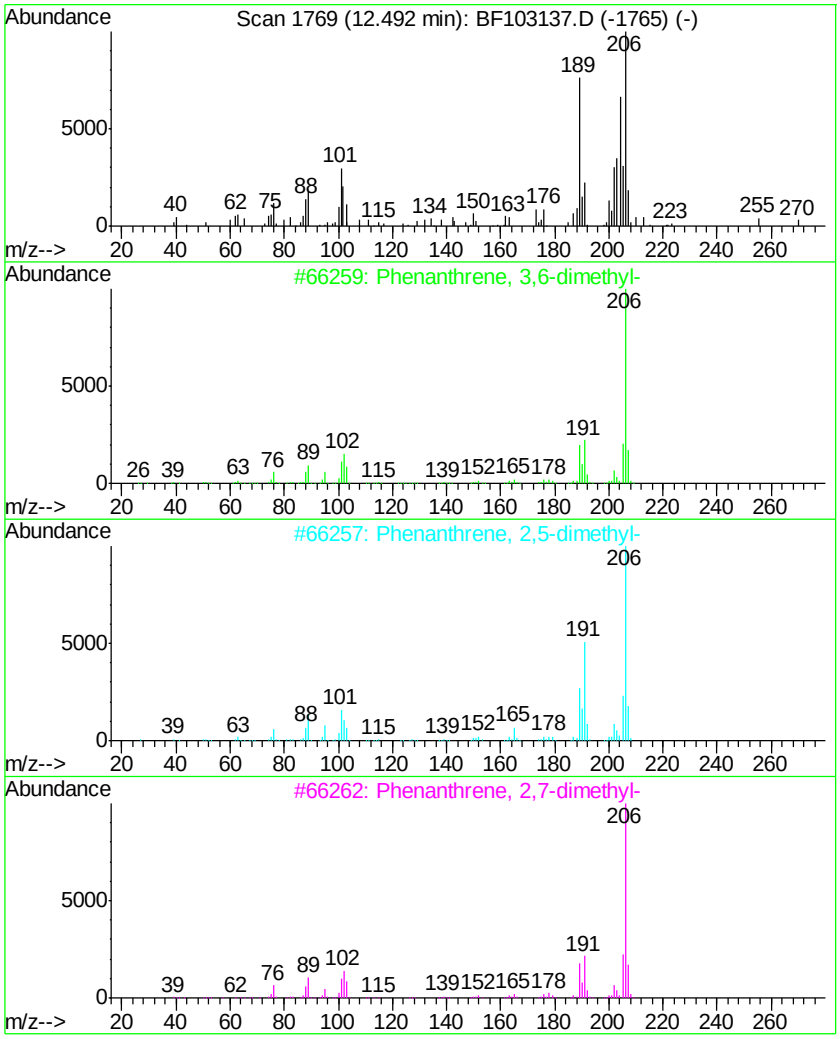
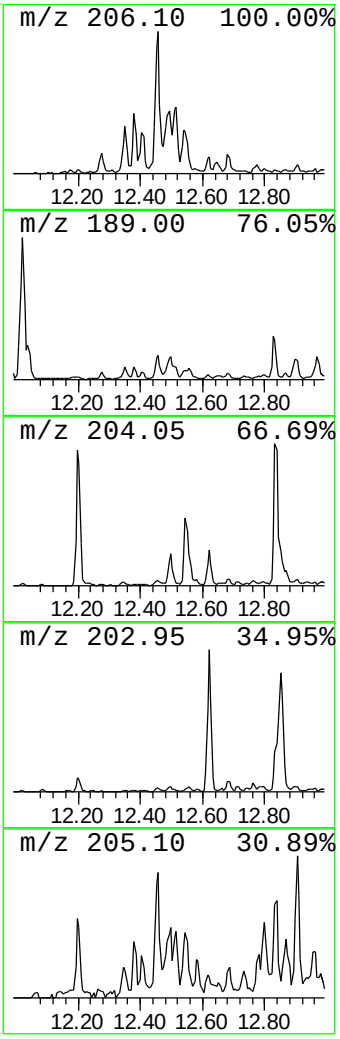
Peak Number 13 unknown12.49 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.51 ng	145549	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	43
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	41
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	38
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	30





Library Search Compound Report

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Acq On : 21 Feb 2018 15:38
Operator : SJ/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-7-8

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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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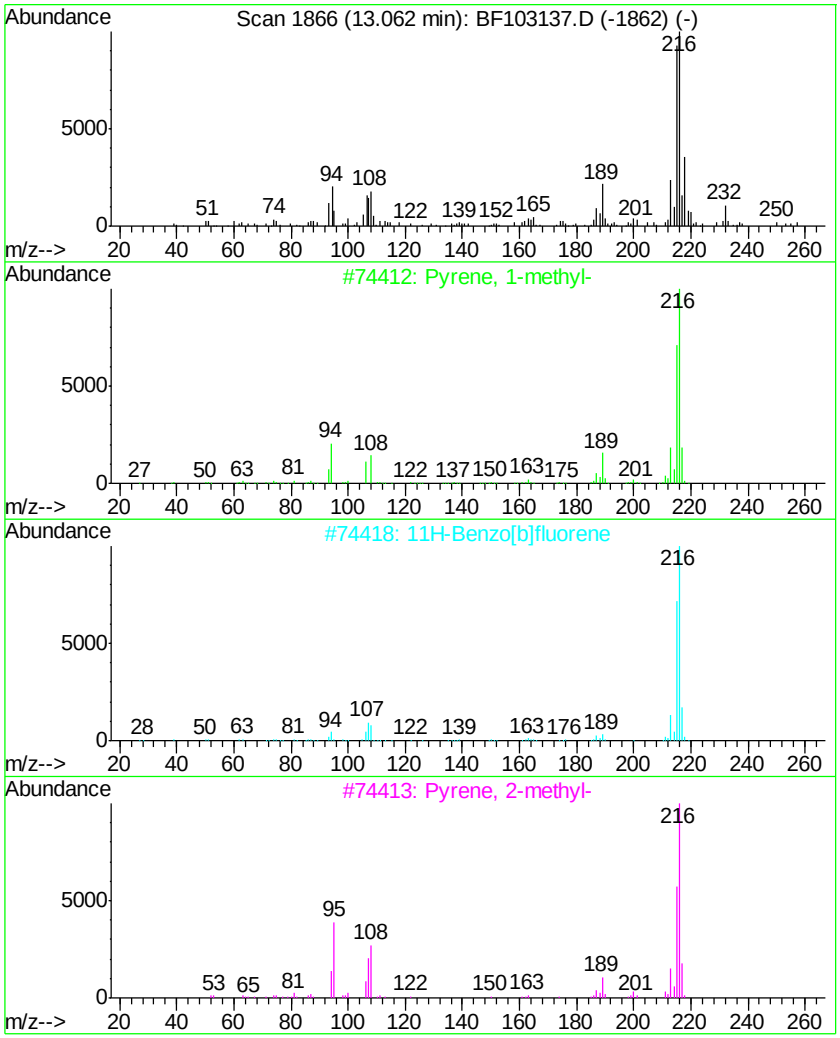
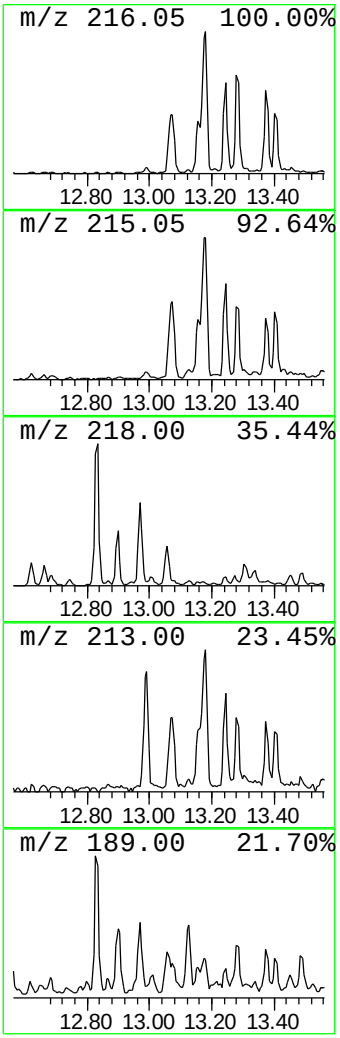
Peak Number 14 unknown13.06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.56 ng	213307	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53





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Operator : SJ/JU
Sample : J1623-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

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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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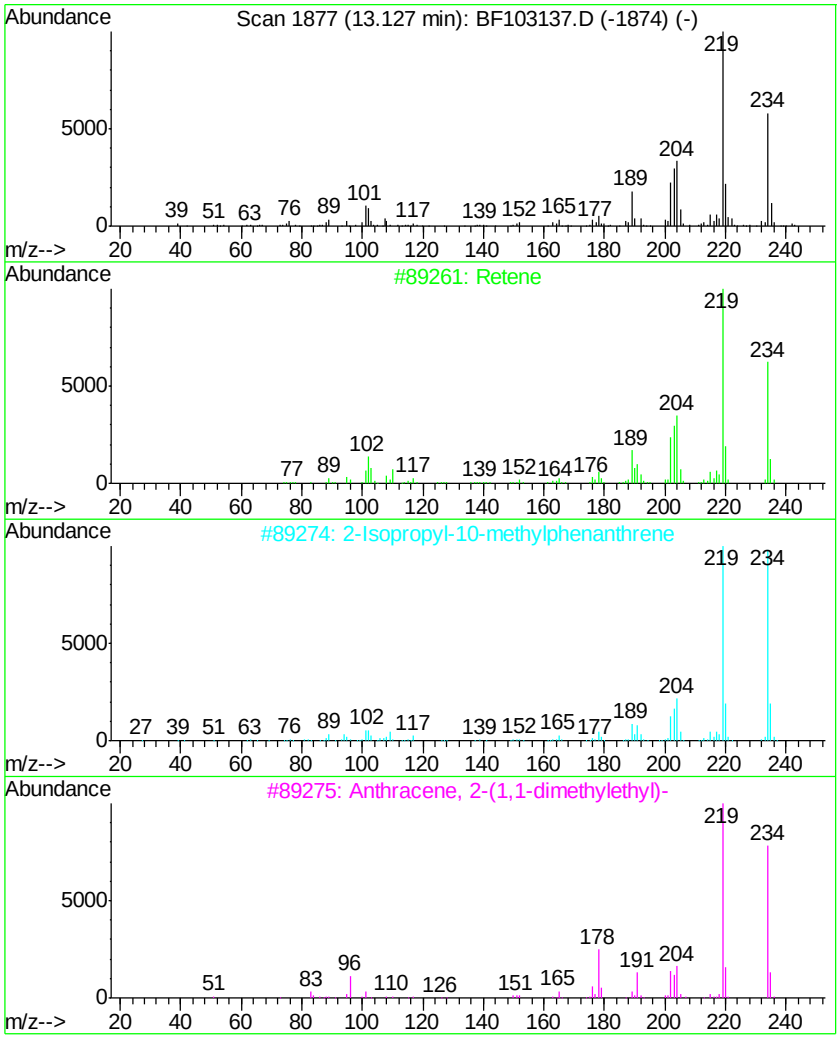
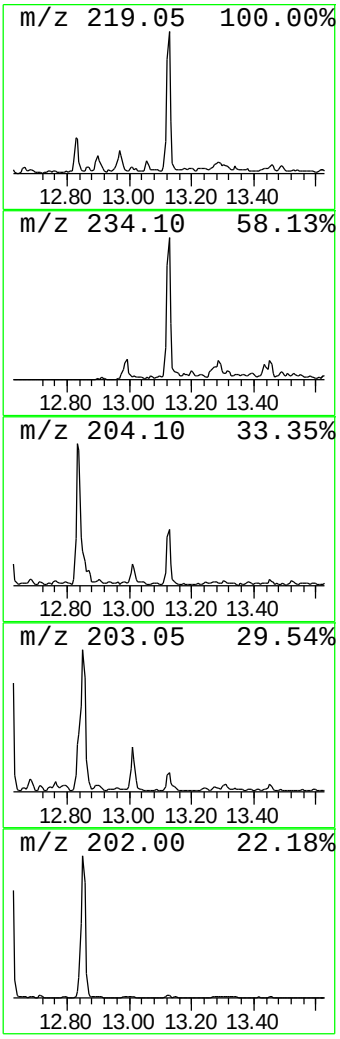
Peak Number 15 Retene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.34 ng	195647	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	59
4	2-[[1-(4-Methylphenyl)ethylidene...	234	C16H14N2	1000326-46-0	52
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	50





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Operator : SJ/JU
Sample : J1623-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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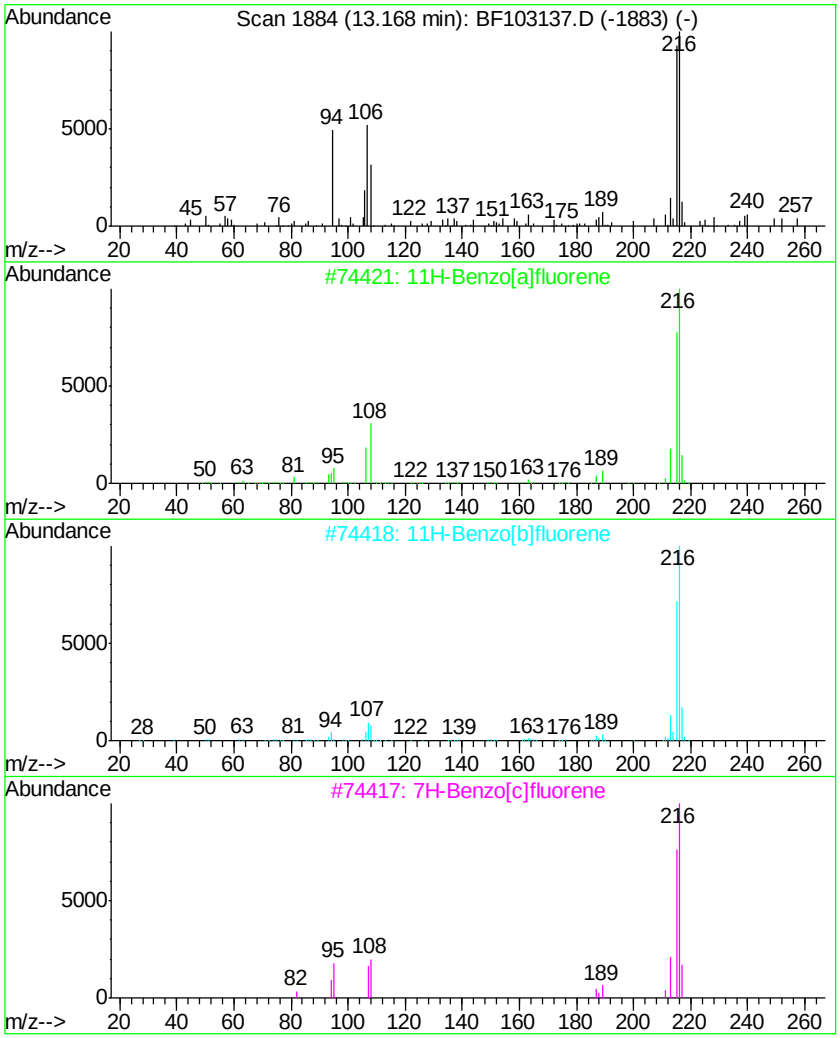
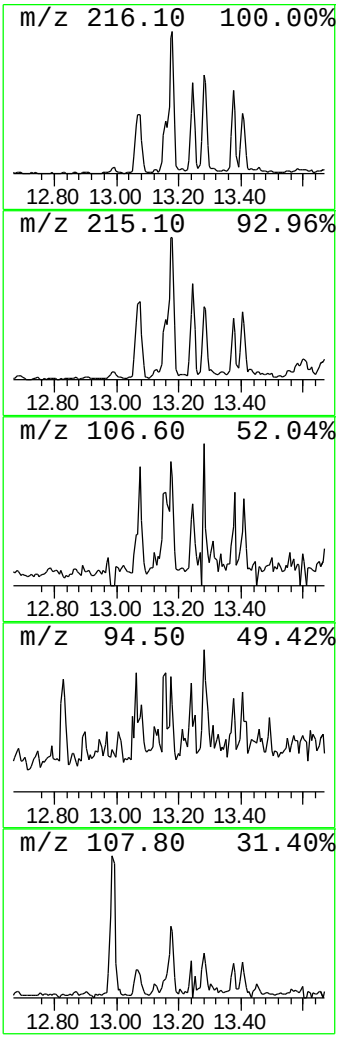
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.37 ng	197422	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	59
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58





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Acq On : 21 Feb 2018 15:38
Operator : SJ/JU
Sample : J1623-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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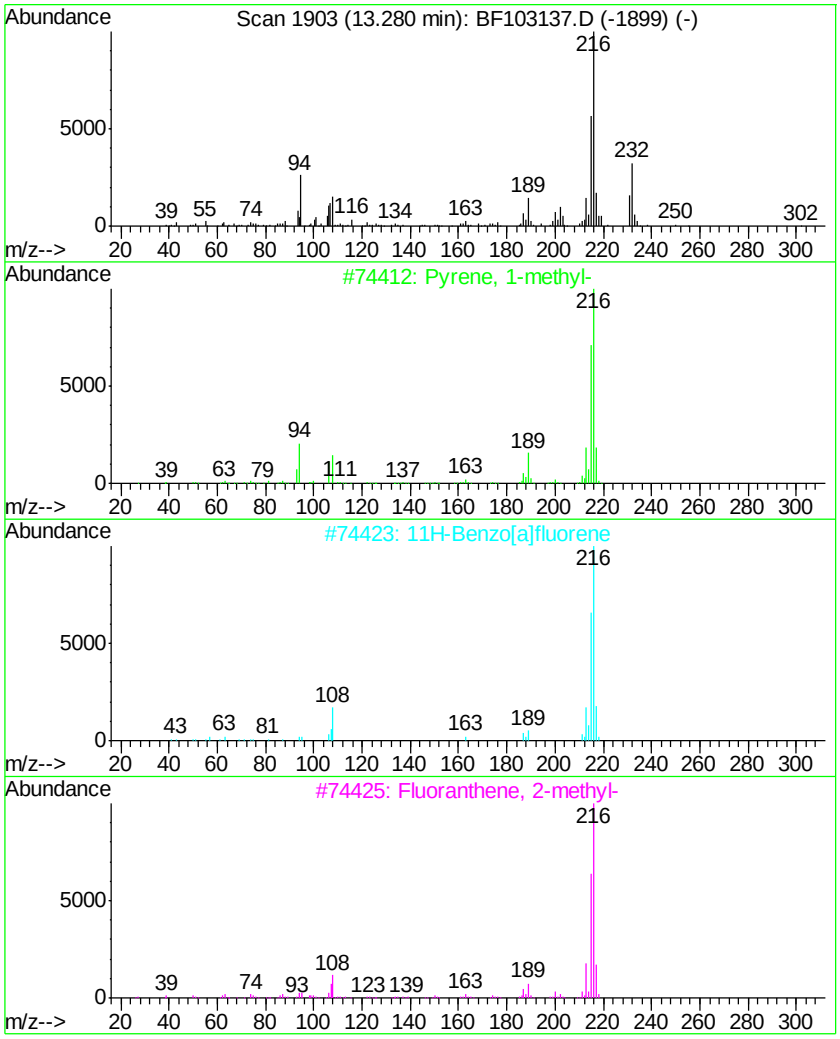
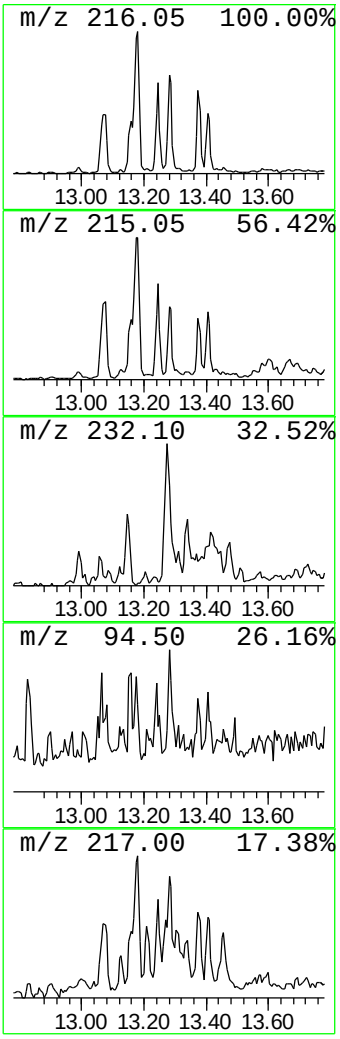
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.45 ng	204751	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Sample : J1623-13
Misc :
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Instrument : BNA_F
ClientSampleId : TP-7-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
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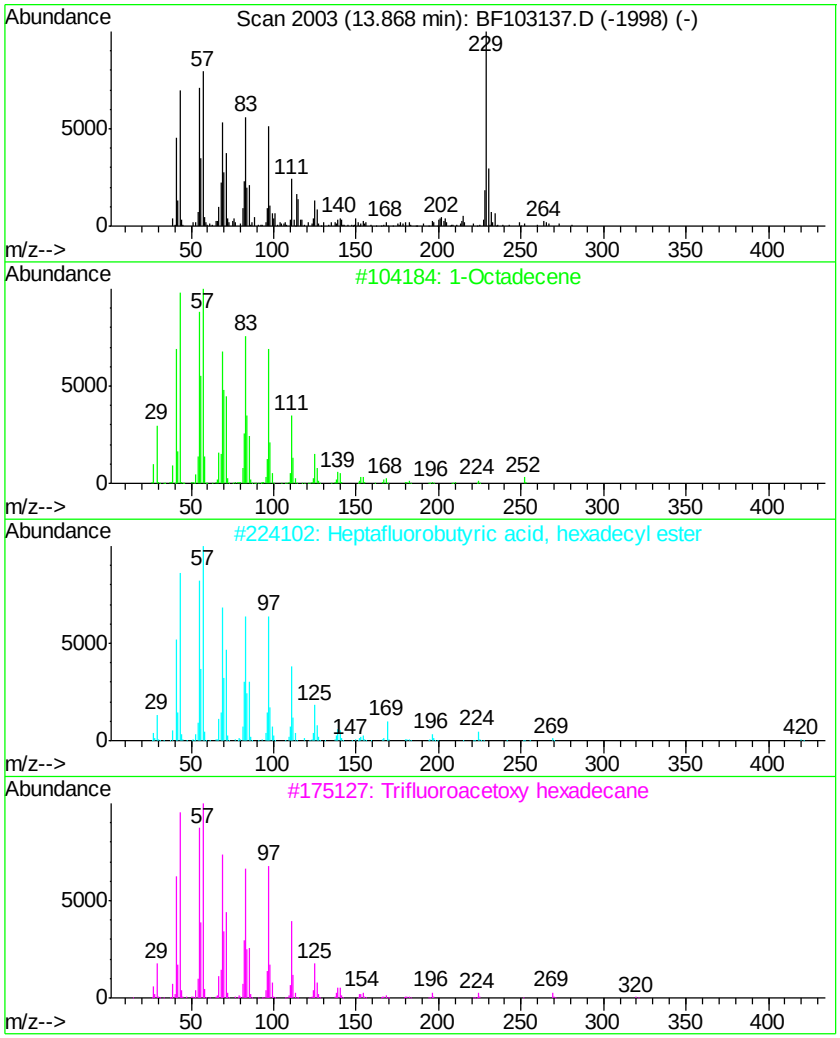
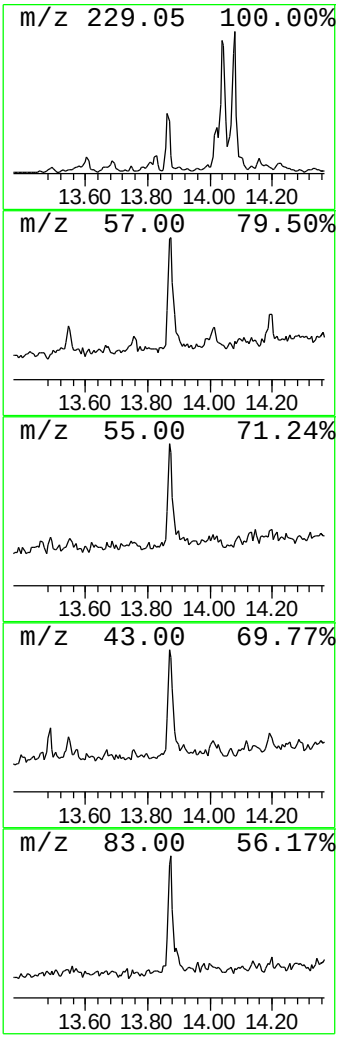
Peak Number 18 1-Octadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.12 ng	343941	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	84
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	64
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	64
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	50





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

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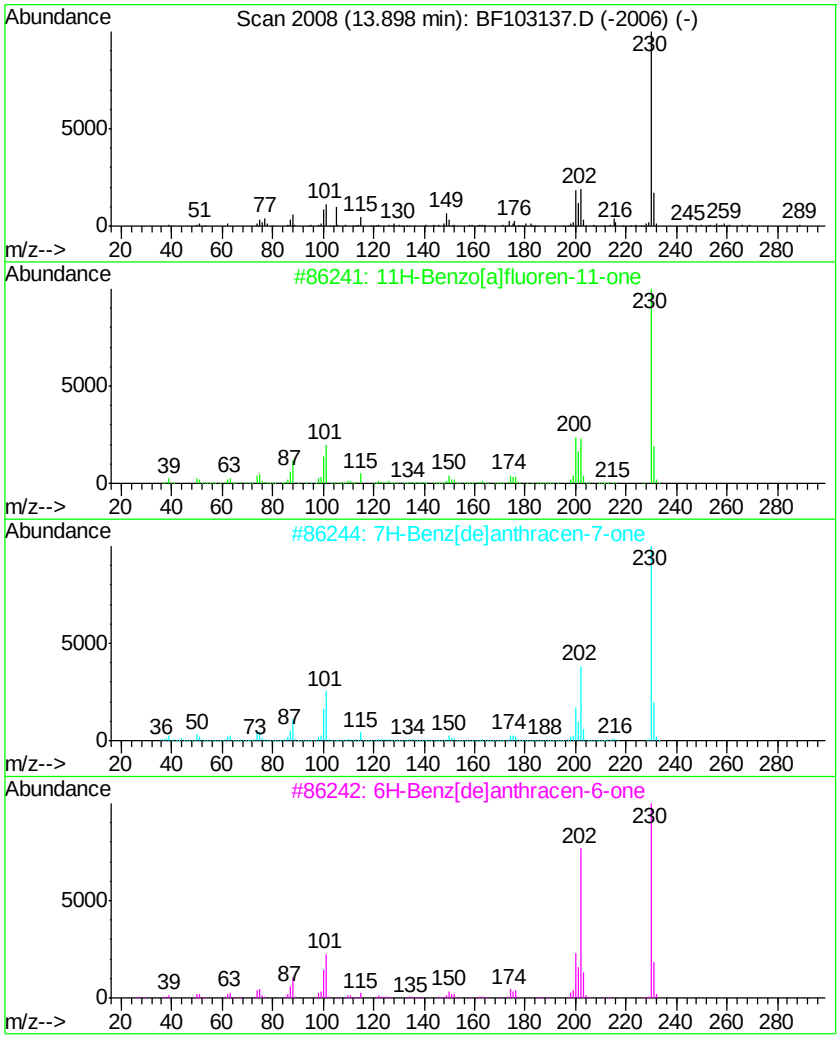
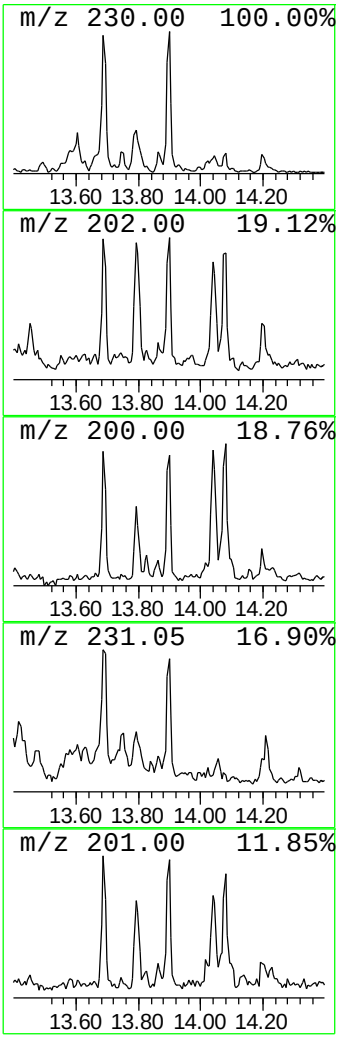
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.33 ng	194820	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	83
4	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





Library Search Compound Report

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Operator : SJ/JU
Sample : J1623-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8

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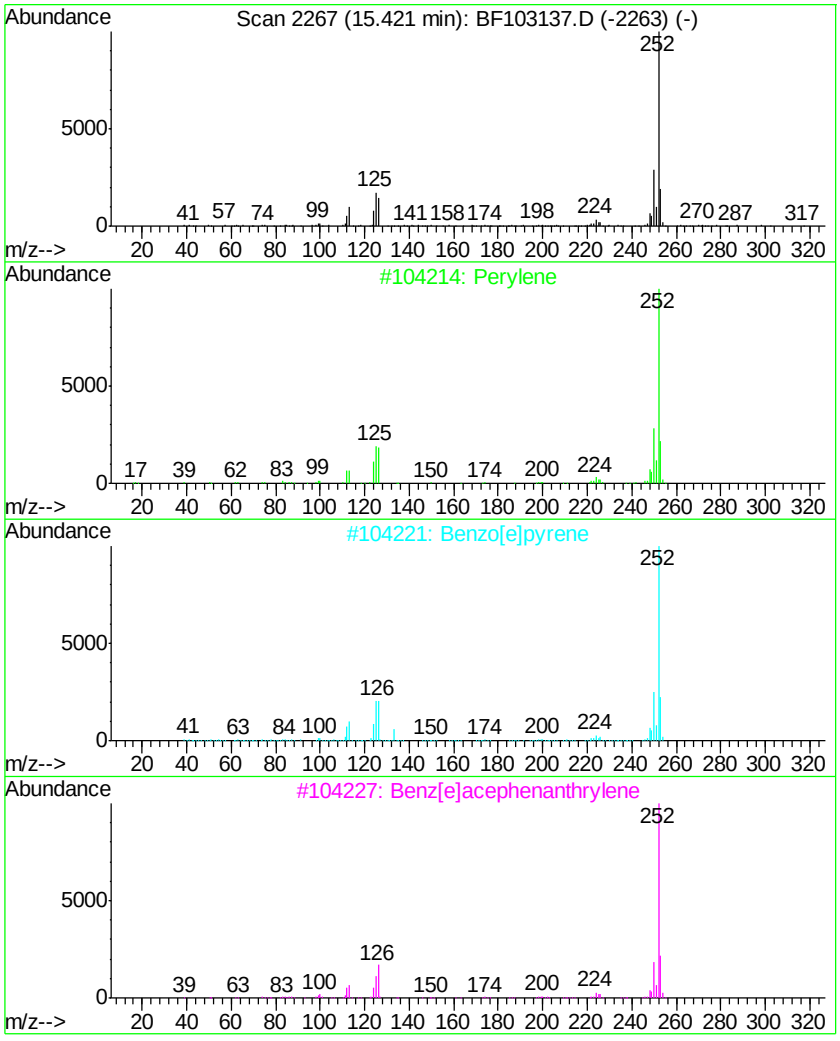
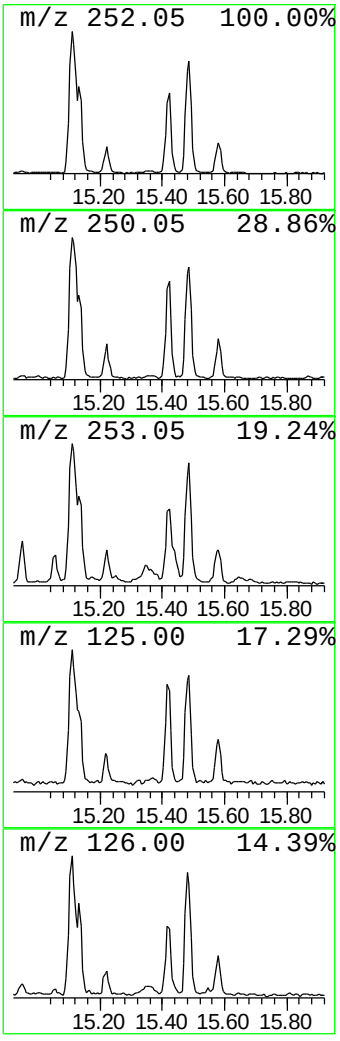
Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	9.56 ng	360367	Perylene-d12	15.55

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022118\
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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...	2.16	24.3	ng	1364170	1	6.87	1124990	20.0
2-Pentanone, 4-hy...	5.12	2.7	ng	149626	1	6.87	1124990	20.0
unknown6.65	6.65	72.3	ng	4066420	1	6.87	1124990	20.0
Pentadecane	10.80	2.9	ng	168888	4	11.40	1157890	20.0
Phenanthrene, 2-m...	11.90	4.7	ng	269217	4	11.40	1157890	20.0
4H-Cyclopenta[def...	12.02	6.3	ng	363664	4	11.40	1157890	20.0
4b,8-Dimethyl-2-i...	12.18	2.3	ng	133461	4	11.40	1157890	20.0
Phenanthrene, 2,5...	12.46	3.1	ng	182320	4	11.40	1157890	20.0
unknown12.49	12.49	2.5	ng	145549	4	11.40	1157890	20.0
unknown13.06	13.06	2.6	ng	213307	5	14.05	1668970	20.0
Retene	13.13	2.3	ng	195647	5	14.05	1668970	20.0
11H-Benzo[a]fluorene	13.17	2.4	ng	197422	5	14.05	1668970	20.0
Pyrene, 1-methyl-	13.28	2.5	ng	204751	5	14.05	1668970	20.0
1-Octadecene	13.87	4.1	ng	343941	5	14.05	1668970	20.0
11H-Benzo[a]fluor...	13.90	2.3	ng	194820	5	14.05	1668970	20.0
Perylene	15.42	9.6	ng	360367	6	15.55	753762	20.0