LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

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-BF040820.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	5.316	546	549	565	rVB	684804	659742	53.59%	3.091%
2	6.345	721	724	733	rBV	723132	682816	55.46%	3.199%
3	6.563	756	761	766	rBV3	14527	20024	1.63%	0.094%
4	6.722	784	788	791	rBV	1098386	860459	69.89%	4.032%
5	6.875	811	814	818	rBV	715027	585417	47.55%	2.743%
6	7.281	880	883	889	rVB	559072	446874	36.30%	2.094%
7	8.010	1003	1007	1009	rBV	1317076	1100199	89.37%	5.155%
8	8.028	1009	1010	1013	rVB	63048	37919	3.08%	0.178%
9	8.722	1124	1128	1131	rVB	37783	31041	2.52%	0.145%
10	8.822	1142	1145	1148	rVB	30031	24897	2.02%	0.117%
11	9.086	1186	1190	1193	rBV	1126878	866866	70.41%	4.062%
12	9.186	1200	1207	1209	rBV2	15356	25557	2.08%	0.120%
13	9.345	1230	1234	1239	rVB2	19592	28008	2.28%	0.131%
14	9.422	1244	1247	1250	rVV	36728	35587	2.89%	0.167%
15	9.480	1254	1257	1262	rVV	136518	120972	9.83%	0.567%
16	9.539	1265	1267	1272	rVB	19571	20734	1.68%	0.097%
17	9.622	1278	1281	1285	rBV	32575	28519	2.32%	0.134%
18	9.763	1299	1305	1308	rBV	1365970	1166121	94.72%	5.464%
19	9.798	1308	1311	1315	rVB	124861	111963	9.09%	0.525%
20	9.922	1328	1332	1336	rBV2	18007	18771	1.52%	0.088%
21	9.969	1336	1340	1343	rBV	78765	64250	5.22%	0.301%
22	10.080	1356	1359	1362	rVB	17385	16871	1.37%	0.079%
23	10.174	1371	1375	1377	rBV3	17526	20733	1.68%	0.097%
24	10.310	1395	1398	1404	rBV	120285	106986	8.69%	0.501%
25	10.374	1404	1409	1411	rVV	25604	35389	2.87%	0.166%
26	10.398	1411	1413	1415	rVV3	29226	24455	1.99%	0.115%
27	10.427	1415	1418	1420	rVV3	21953	26300	2.14%	0.123%
28	10.469	1423	1425	1430	rVB	32701	33395	2.71%	0.156%
29	10.551	1435	1439	1443	rBV	528117	450254	36.57%	2.110%
30	10.680	1455	1461	1467	rVB5	30045	51064	4.15%	0.239%
31	10.857	1485	1491	1494	rBV5	37025	63937	5.19%	0.300%
32	10.886	1494	1496	1500	rVV2	31675	35797	2.91%	0.168%
33	10.939	1503	1505	1509	rVV3	22540	26613	2.16%	0.125%
34	10.992	1509	1514	1515	rVV2	23516	36013	2.93%	0.169%

LSC Area Percent Report

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Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.010	1515	1517	1519	rVV3	29718	27847	2.26%	0.130%
36	11.057	1522	1525	1529	rVV2	38261	42385	3.44%	0.199%
37	11.110	1529	1534	1536	rVV3	32529	51591	4.19%	0.242%
38	11.145	1538	1540	1546	rVB	72403	73241	5.95%	0.343%
39	11.251	1554	1558	1560	rBV	1295048	1096331	89.05%	5.137%
40	11.274	1560	1562	1565	rVV	1169997	853589	69.34%	3.999%
41	11.321	1565	1570	1574	rVB	253442	230331	18.71%	1.079%
42	11.357	1574	1576	1580	rBV2	36393	41554	3.38%	0.195%
43	11.480	1591	1597	1600	rBV2	110434	113017	9.18%	0.530%
44	11.510	1600	1602	1606	rVB5	16631	19452	1.58%	0.091%
45	11.551	1606	1609	1612	rBV3	37532	34485	2.80%	0.162%
46	11.580	1612	1614	1617	rVV3	28016	23222	1.89%	0.109%
47	11.663	1626	1628	1633	rVB	16674	19861	1.61%	0.093%
48	11.751	1639	1643	1645	rBV	146202	127385	10.35%	0.597%
49	11.780	1645	1648	1653	rVV2	293961	299949	24.36%	1.405%
50	11.827	1653	1656	1659	rVV	79275	74831	6.08%	0.351%
51	11.863	1659	1662	1665	rVV	249392	269196	21.87%	1.261%
52	11.886	1665	1666	1670	rVB	119144	70127	5.70%	0.329%
53	11.963	1676	1679	1681	rBV4	20961	20734	1.68%	0.097%
54	12.051	1691	1694	1696	rBV	87698	73206	5.95%	0.343%
55	12.068	1696	1697	1702	rVB2	55729	48925	3.97%	0.229%
56	12.198	1714	1719	1722	rBV3	57446	62926	5.11%	0.295%
57	12.227	1722	1724	1726	rBV	34652	28856	2.34%	0.135%
58	12.251	1726	1728	1731	rVB	32004	26950	2.19%	0.126%
59	12.304	1734	1737	1740	rVV	84264	79309	6.44%	0.372%
60	12.339	1740	1743	1749	rVB3	57755	93443	7.59%	0.438%
61	12.386	1749	1751	1756	rVB3	49027	61242	4.97%	0.287%
62	12.463	1760	1764	1768	rBV	1401078	1195008	97.07%	5.599%
63	12.510	1768	1772	1774	rBV3	81411	72825	5.92%	0.341%
64	12.574	1780	1783	1787	rBV4	37882	53814	4.37%	0.252%
65	12.610	1787	1789	1793	rVB2	34801	36773	2.99%	0.172%
66	12.692	1797	1803	1806	rBV	1226718	1220499	99.14%	5.719%
67	12.745	1810	1812	1816	rVB2	50187	60092	4.88%	0.282%
68	12.810	1820	1823	1825	rBV	65931	64675	5.25%	0.303%
69	12.839	1825	1828	1834	rVB	743874	721407	58.60%	3.380%
70	12.915	1835	1841	1844	rBV3	79094	136077	11.05%	0.638%
71	12.974	1849	1851	1852	rVV2	24910	22604	1.84%	0.106%

LSC Area Percent Report

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Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.998	1852	1855	1856	rVV3	65573	73570	5.98%	0.345%
73	13.021	1856	1859	1862	rVB	181271	165148	13.41%	0.774%
74	13.086	1867	1870	1873	rBV	153770	133381	10.83%	0.625%
75	13.121	1873	1876	1879	rBV	137409	143502	11.66%	0.672%
76	13.215	1889	1892	1895	rBV	74119	56331	4.58%	0.264%
77	13.245	1895	1897	1901	rVV2	68797	57914	4.70%	0.271%
78	13.421	1925	1927	1930	rBV3	25934	21006	1.71%	0.098%
79	13.527	1943	1945	1949	rVB	45778	50187	4.08%	0.235%
80	13.639	1959	1964	1967	rBV3	87631	129679	10.53%	0.608%
81	13.668	1967	1969	1971	rVV	87032	79807	6.48%	0.374%
82	13.692	1971	1973	1974	rVV	72817	61470	4.99%	0.288%
83	13.733	1978	1980	1983	rVV	35587	34556	2.81%	0.162%
84	13.886	2002	2006	2009	rBV2	939205	1231094	100.00%	5.768%
85	13.915	2009	2011	2014	rVB	487917	364918	29.64%	1.710%
86	13.992	2022	2024	2029	rVB	73901	65215	5.30%	0.306%
87	14.239	2064	2066	2068	rBV	32859	24813	2.02%	0.116%
88	14.274	2070	2072	2075	rVB2	95019	86438	7.02%	0.405%
89	14.310	2076	2078	2082	rVB	56425	46518	3.78%	0.218%
90	14.374	2086	2089	2091	rVB2	73724	68028	5.53%	0.319%
91	14.398	2091	2093	2095	rBV3	58322	56148	4.56%	0.263%
92	14.421	2095	2097	2100	rVB2	50737	45010	3.66%	0.211%
93	14.909	2176	2180	2183	rBV	425278	628698	51.07%	2.946%
94	15.198	2225	2229	2234	rVB	259789	335387	27.24%	1.571%
95	15.257	2235	2239	2244	rVV	388601	456483	37.08%	2.139%
96	15.315	2244	2249	2252	rVV	573030	695472	56.49%	3.259%
97	15.345	2252	2254	2260	rVB3	142872	203957	16.57%	0.956%
98	15.768	2323	2326	2329	rBV2	60027	74967	6.09%	0.351%
99	16.698	2479	2484	2492	rVB2	161467	303980	24.69%	1.424%
100	17.109	2549	2554	2562	rBV	122870	236605	19.22%	1.109%

Sum of corrected areas: 21342584

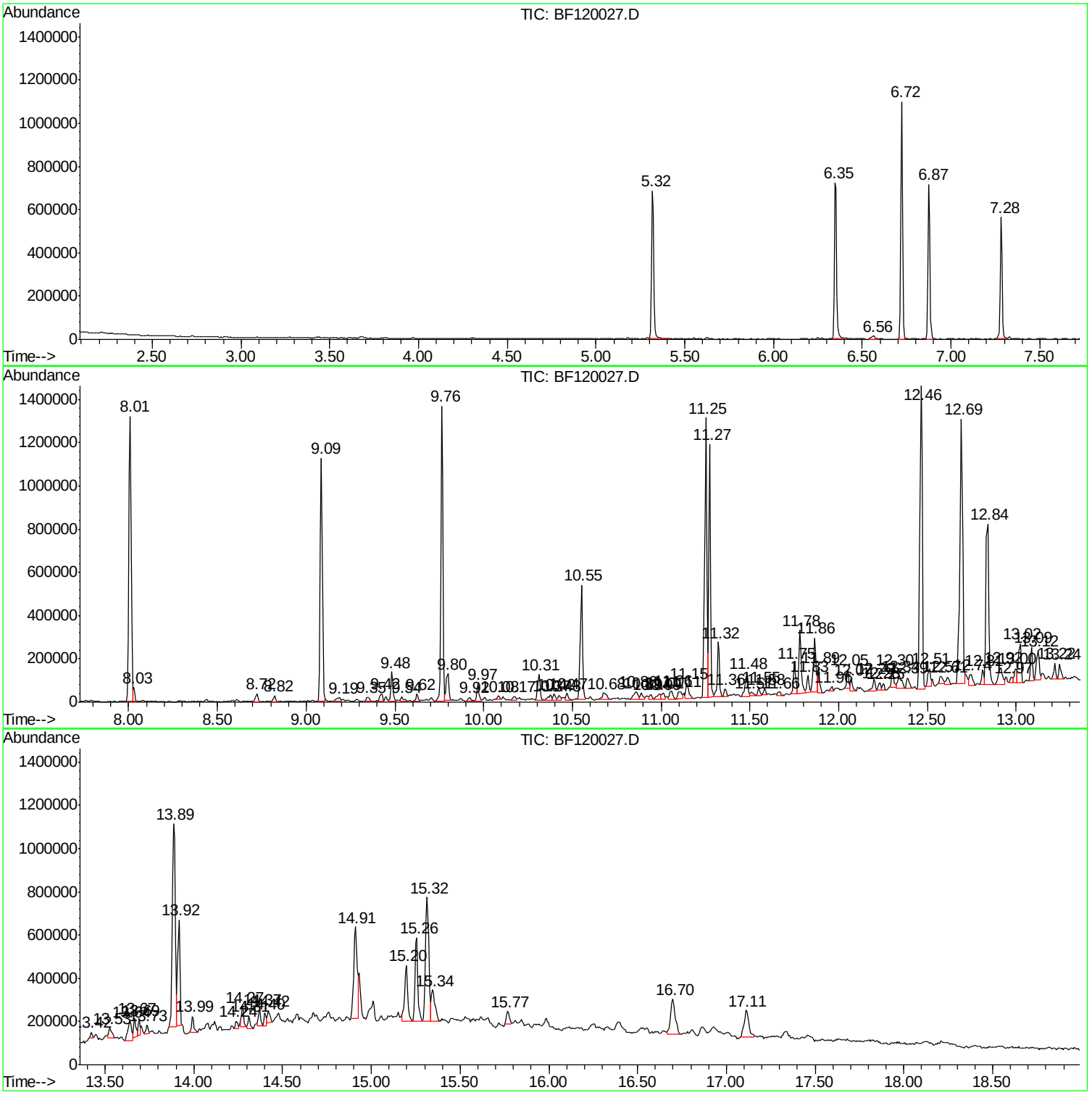
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
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Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

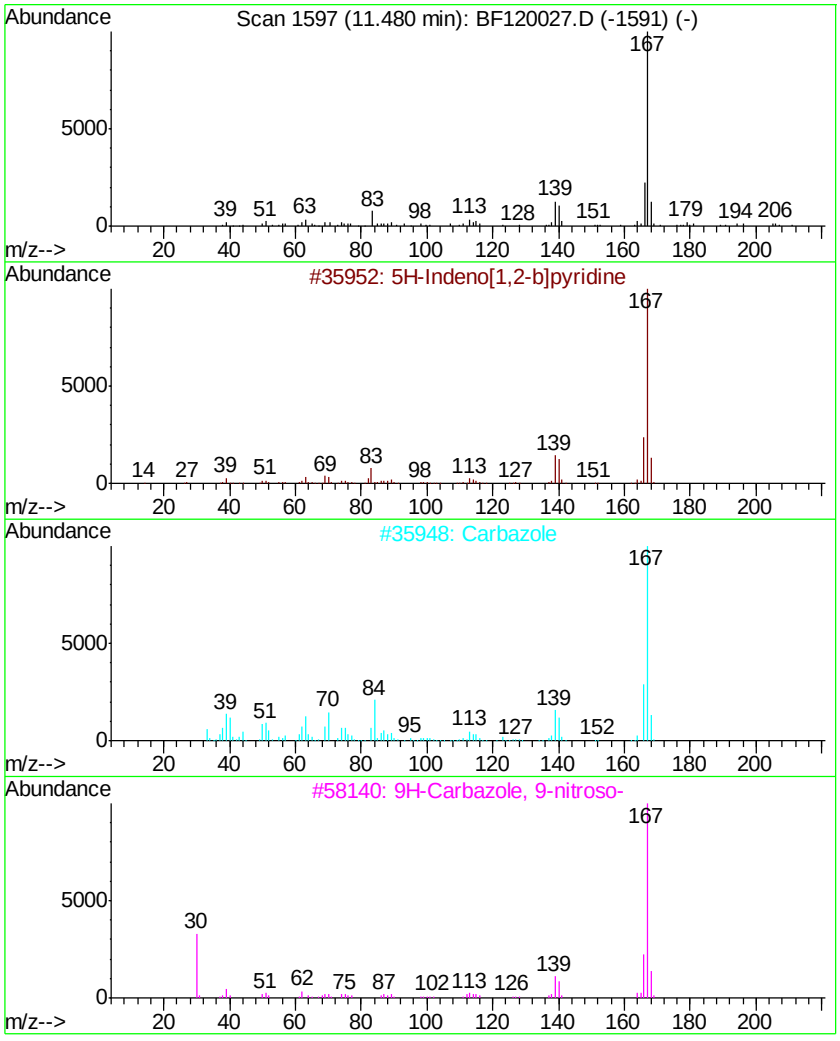
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

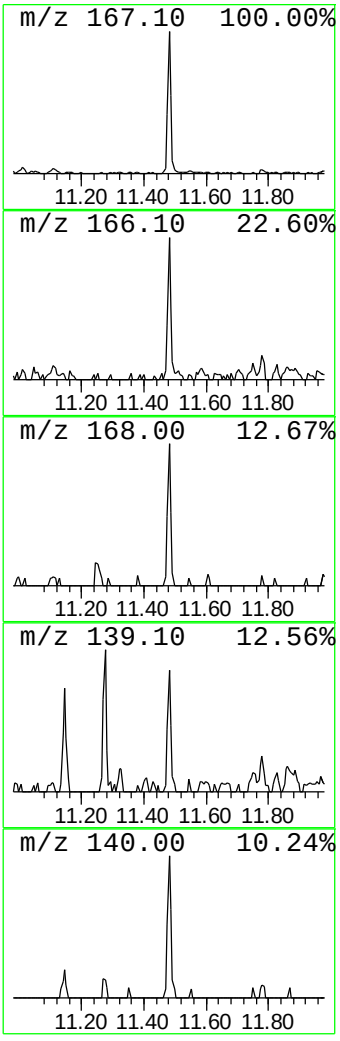
****

Peak Number 2 5H-Indeno[1,2-b]pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	2.06 ng	113017	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	91
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	83
4	2-Azafluorene	167	C12H9N	000244-40-6	80
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

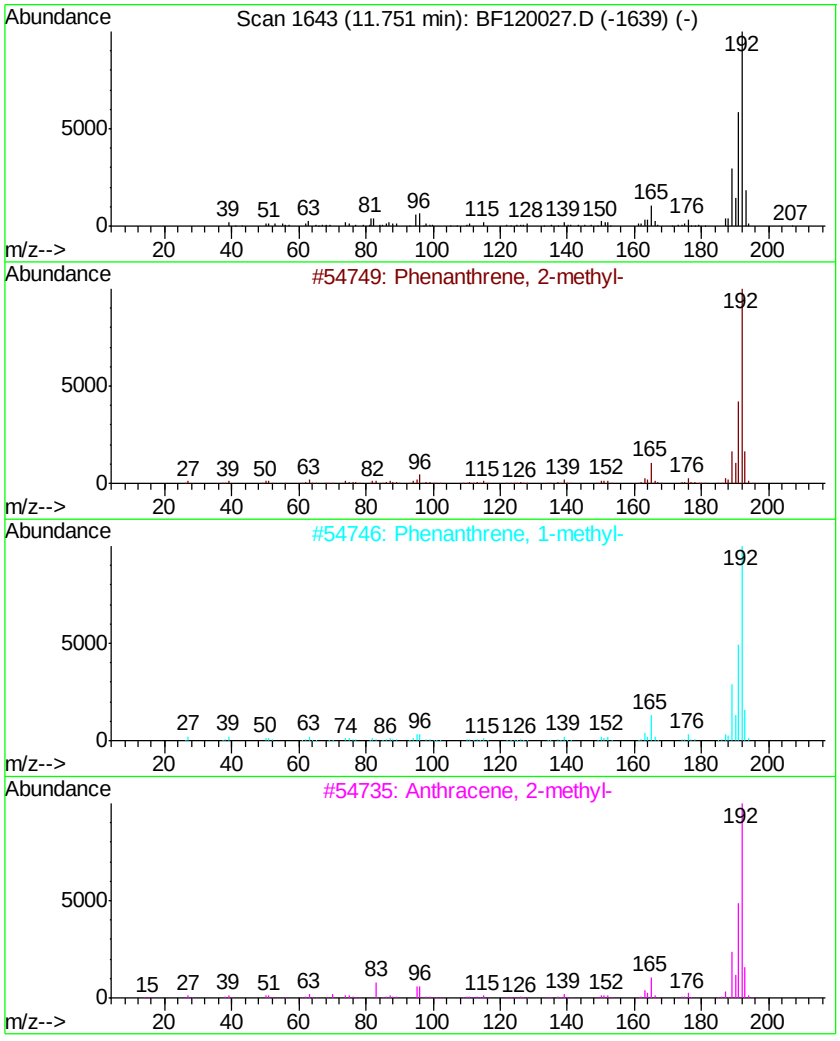
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

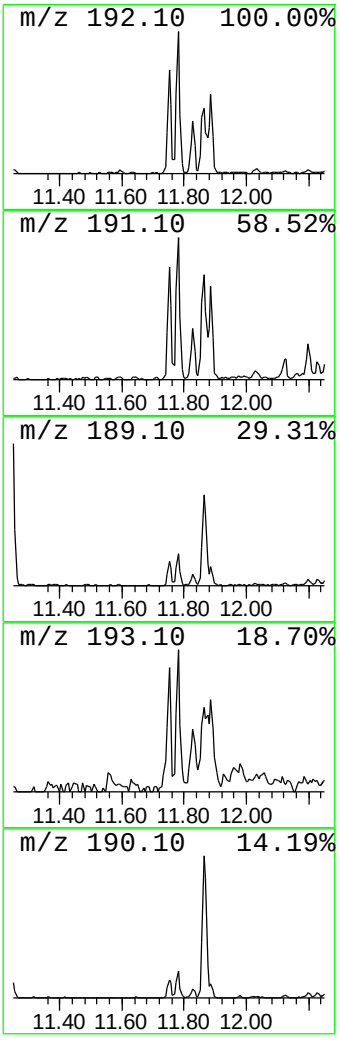
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.32 ng	127385	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

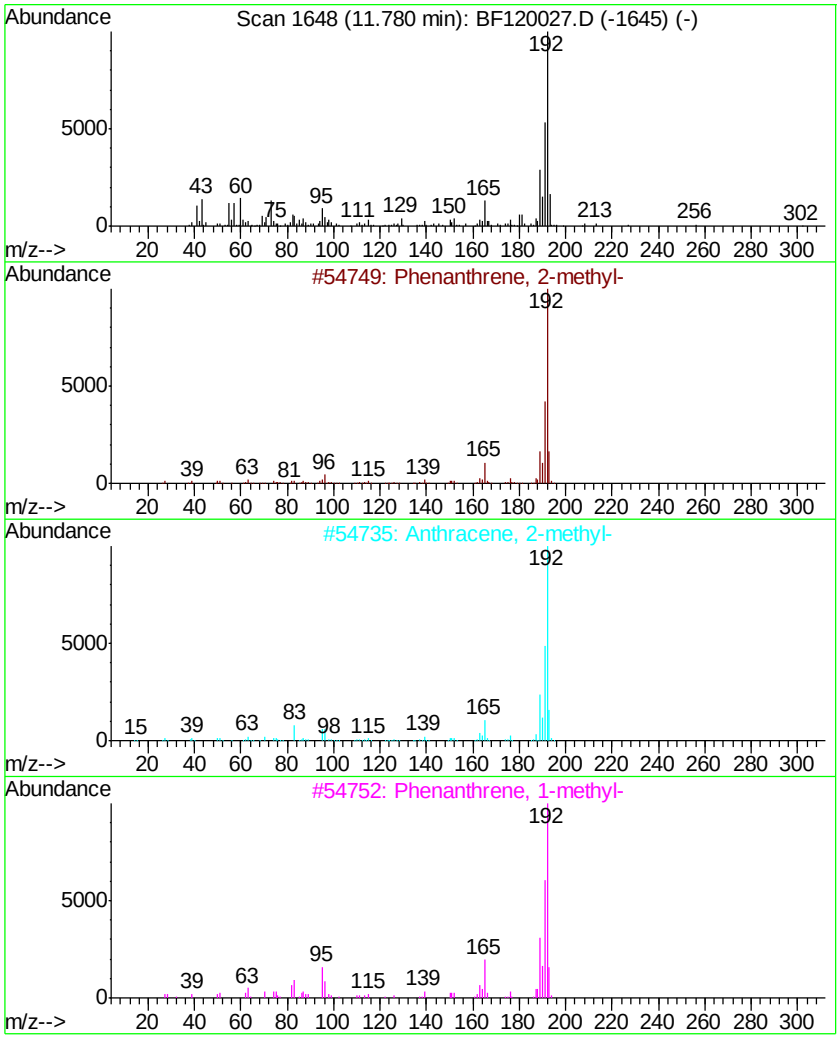
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

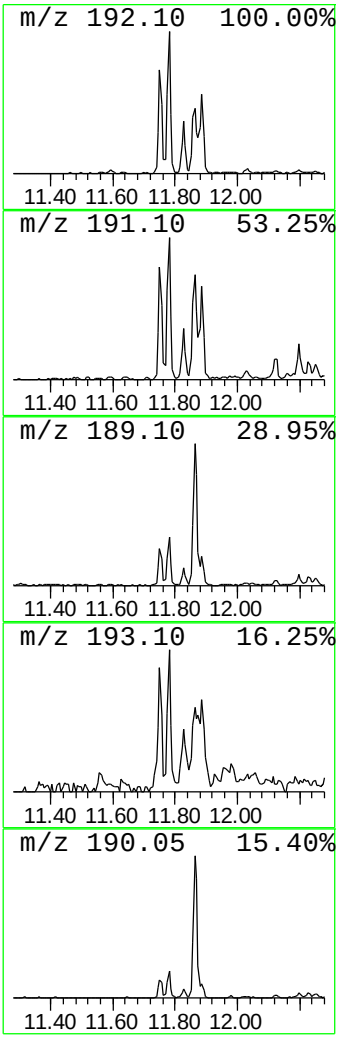
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	5.47 ng	299949	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

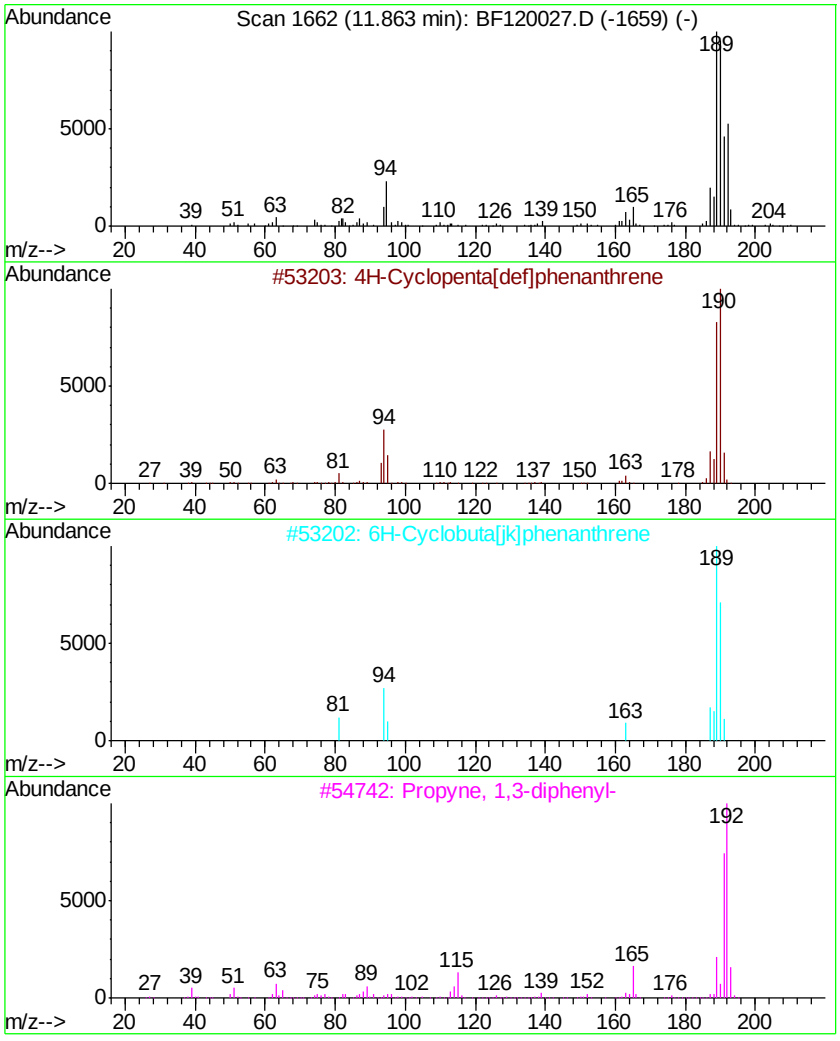
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

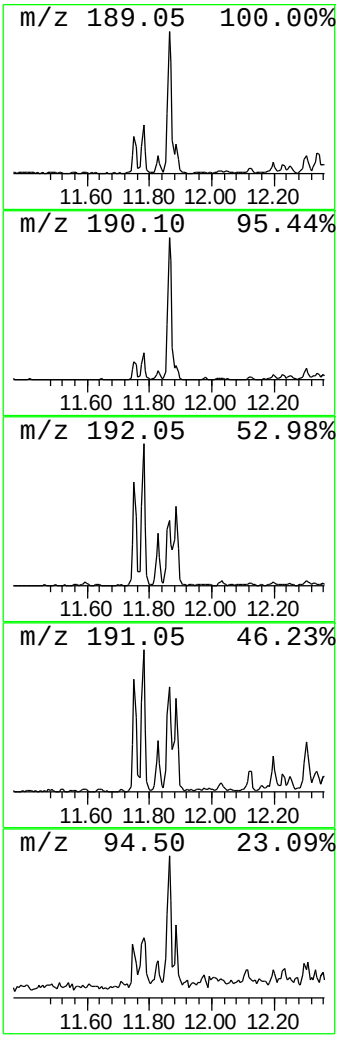
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.91 ng	269196	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	14
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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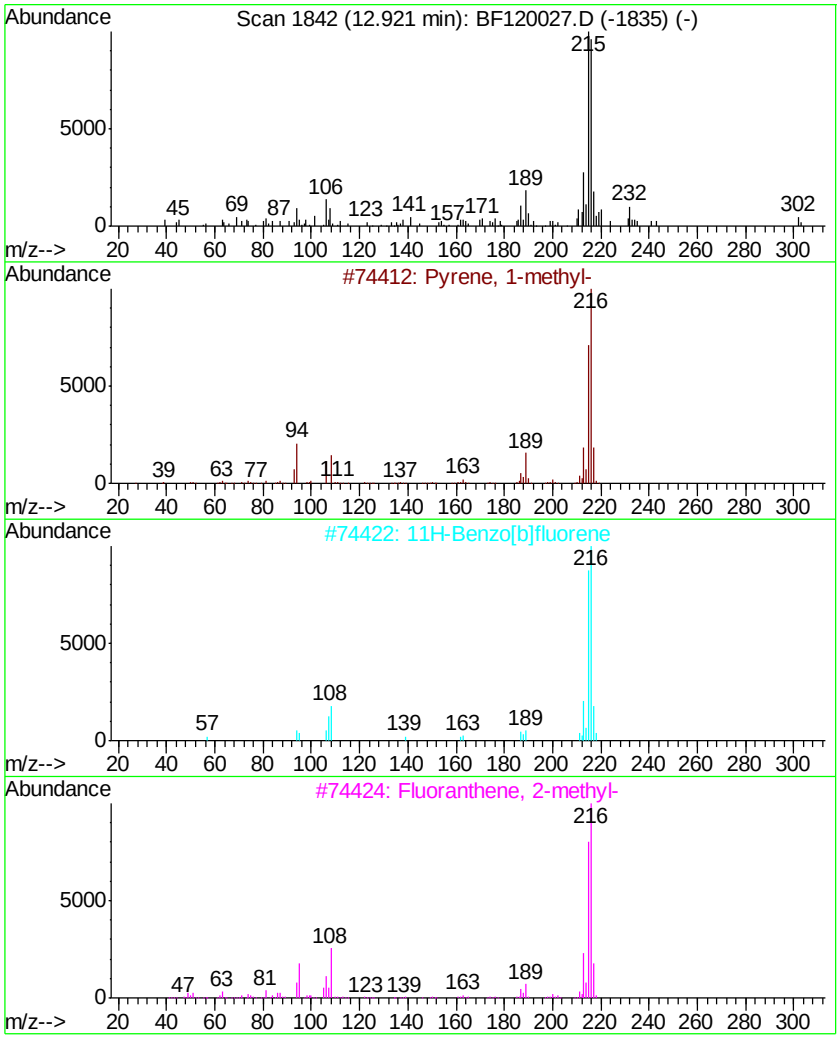
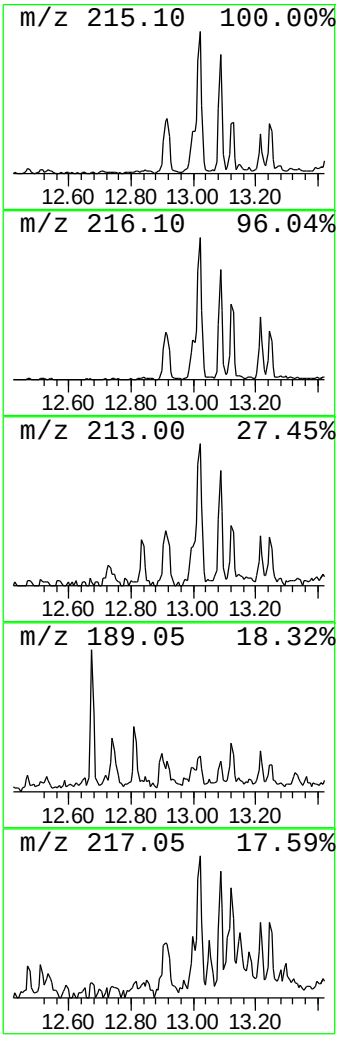
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.21 ng	136077	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





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Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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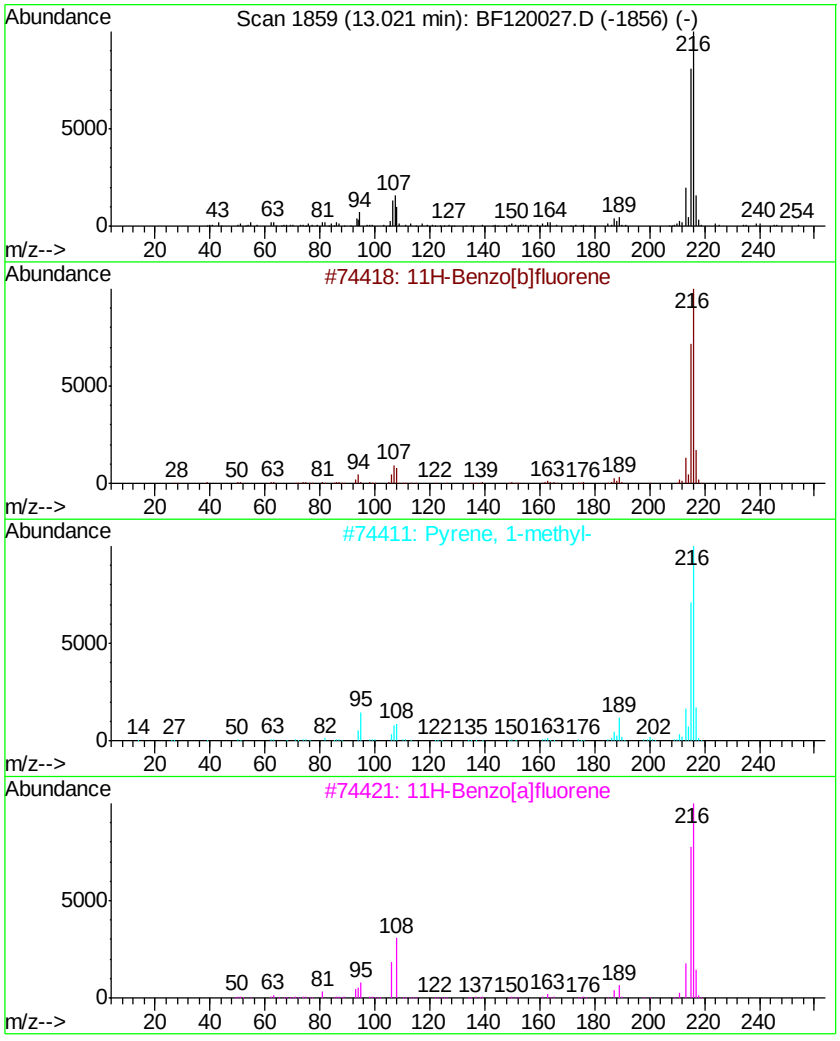
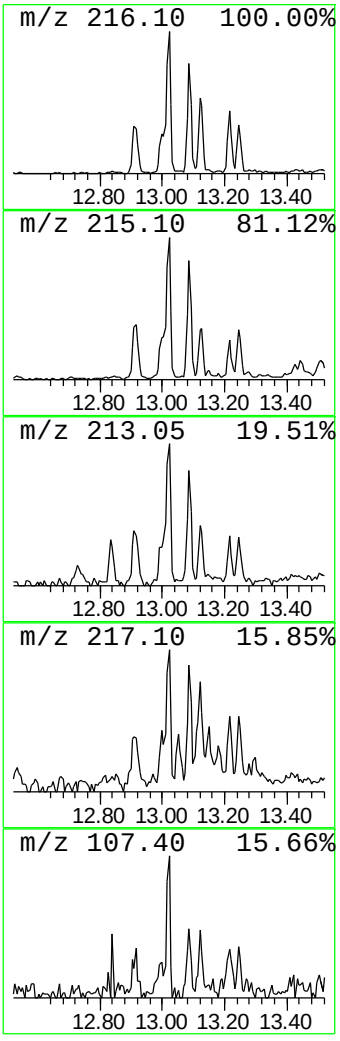
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.68 ng	165148	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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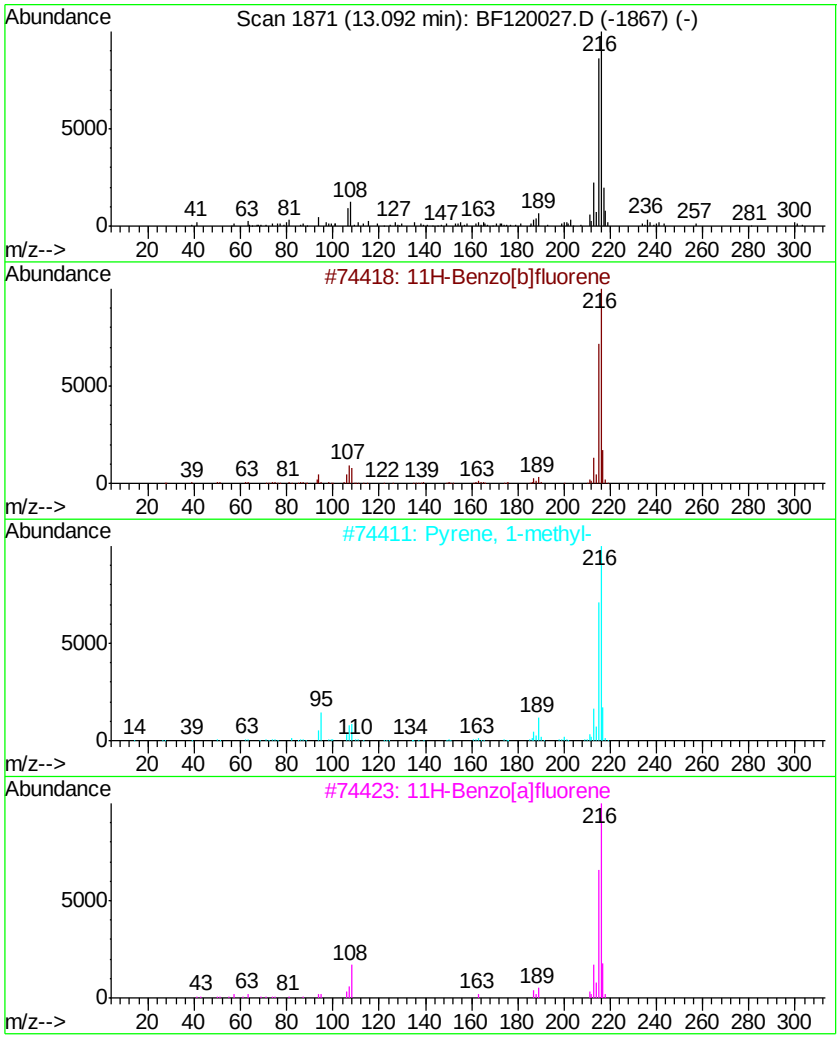
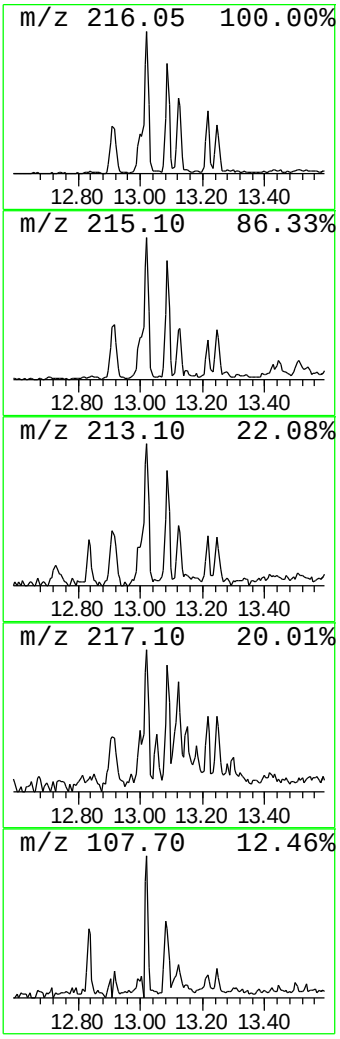
Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.17 ng	133381	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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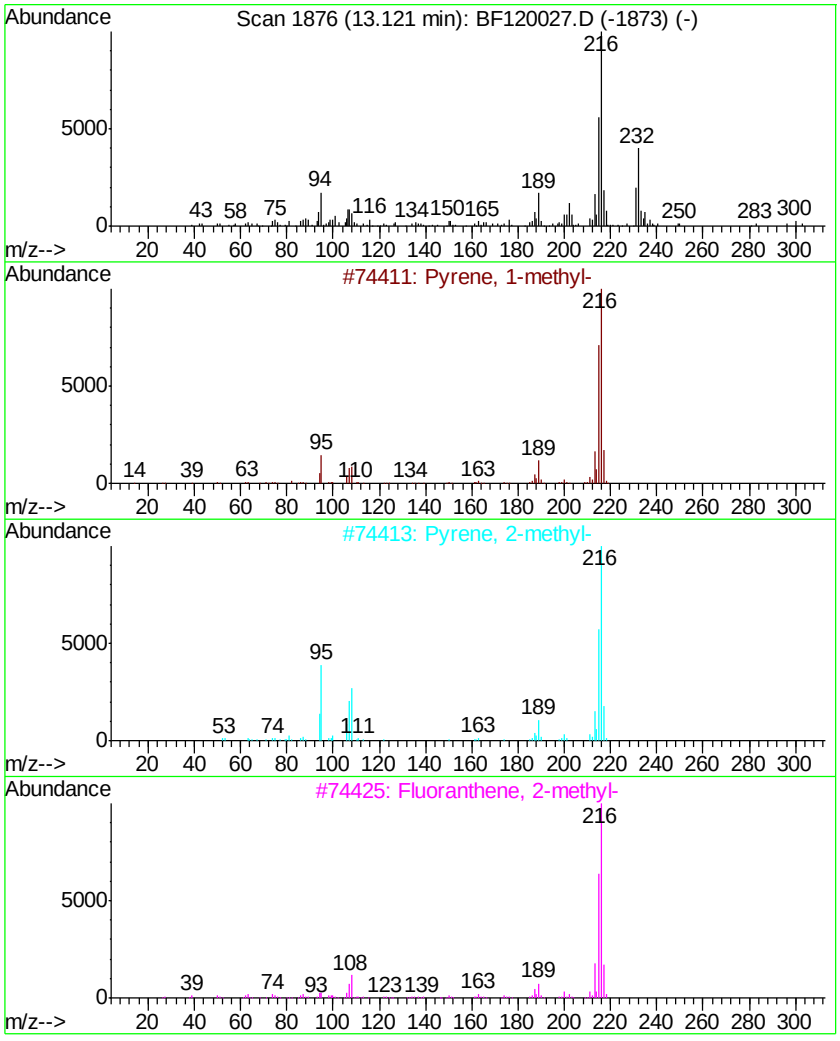
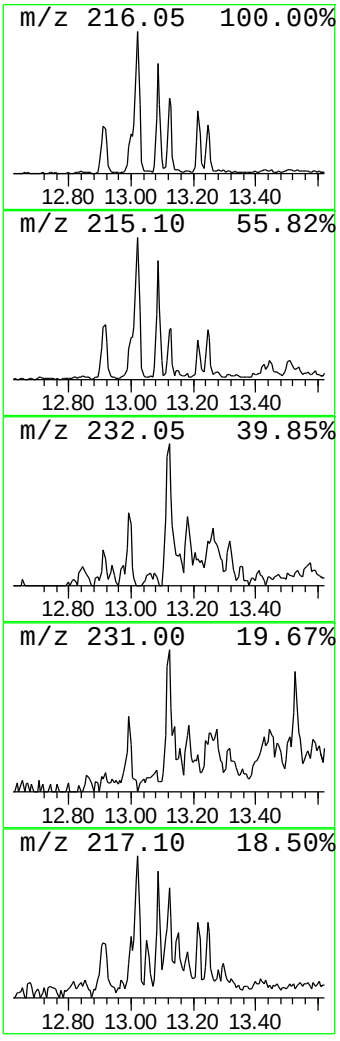
Peak Number 9 Pyrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.33 ng	143502	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49





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Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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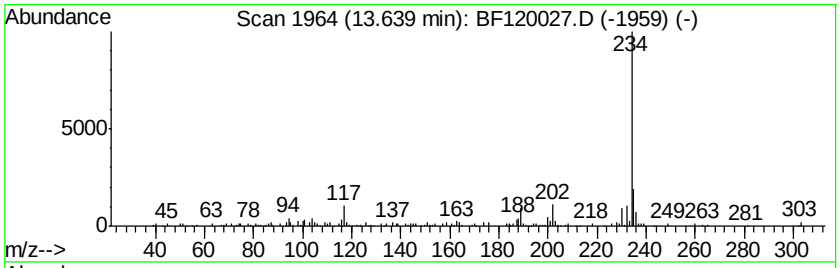
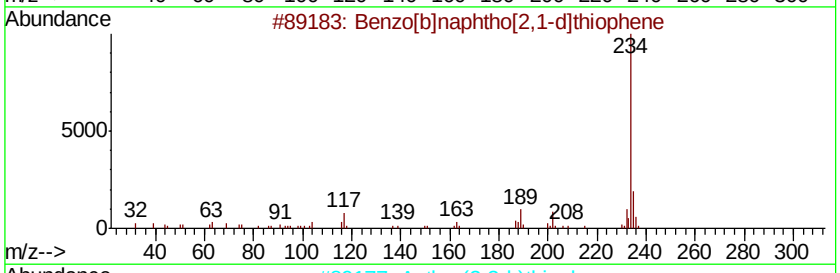
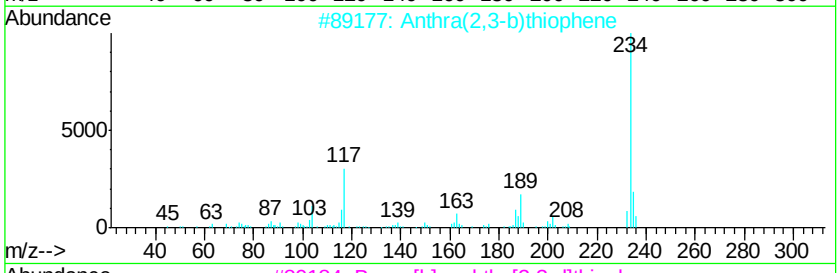
Peak Number 10 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

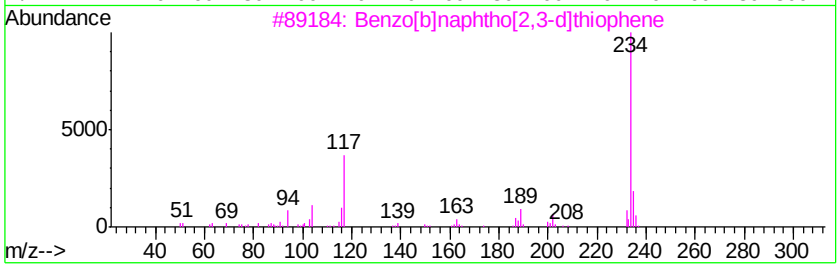
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.11 ng	129679	Chrysene-d12	13.89

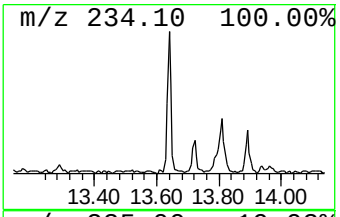
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	86
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83

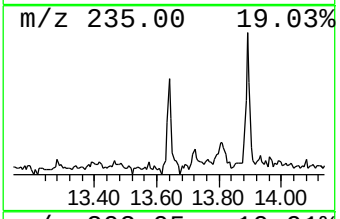


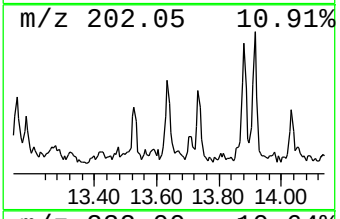


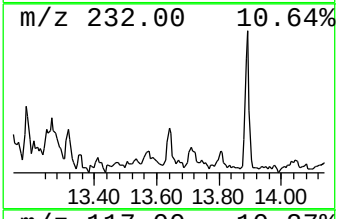


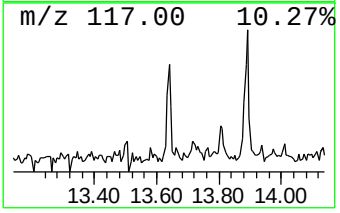












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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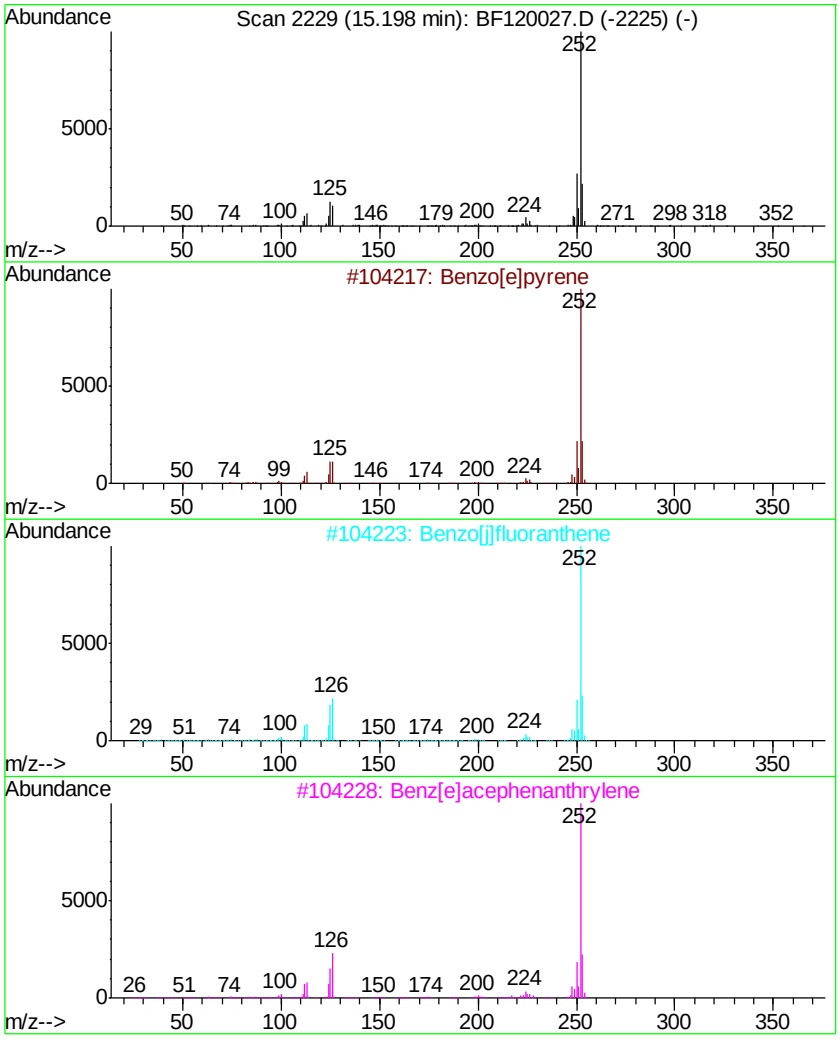
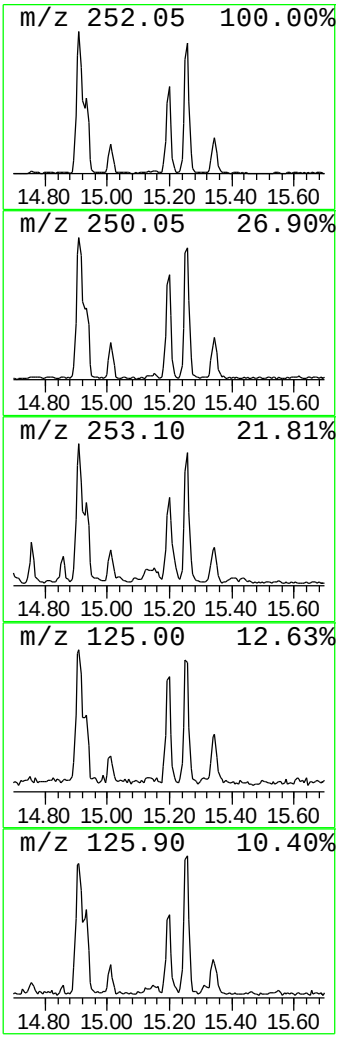
Peak Number 11 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	9.64 ng	335387	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





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Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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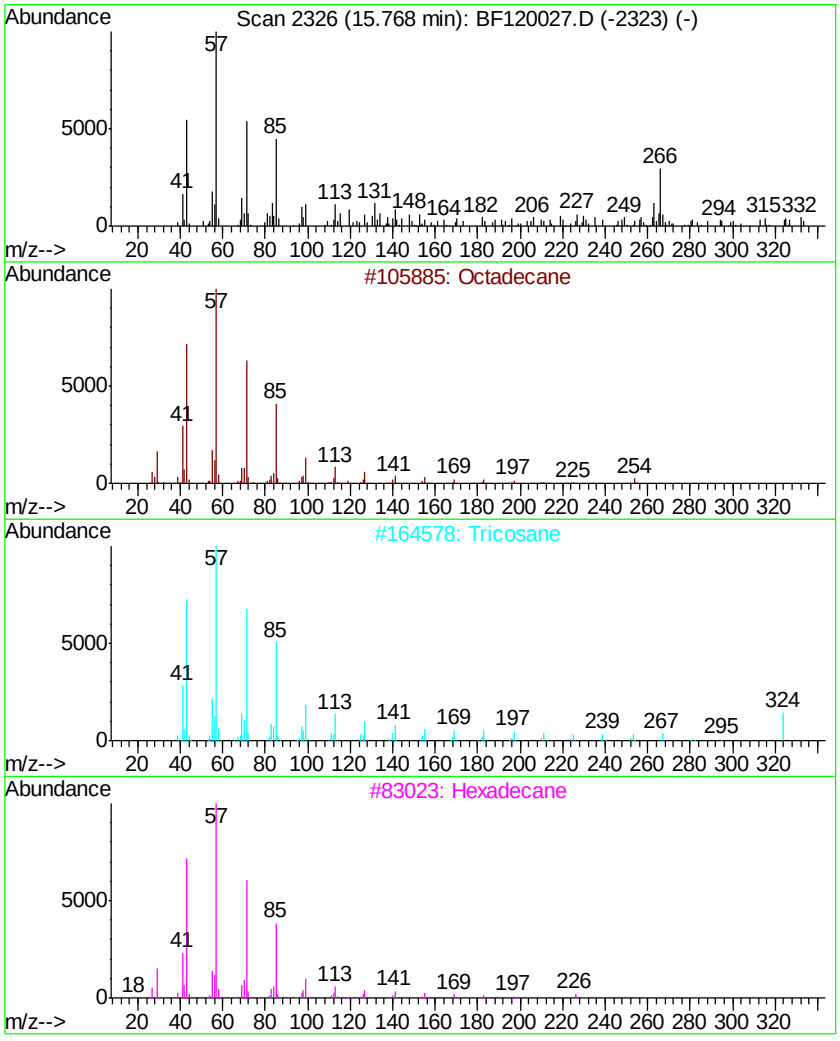
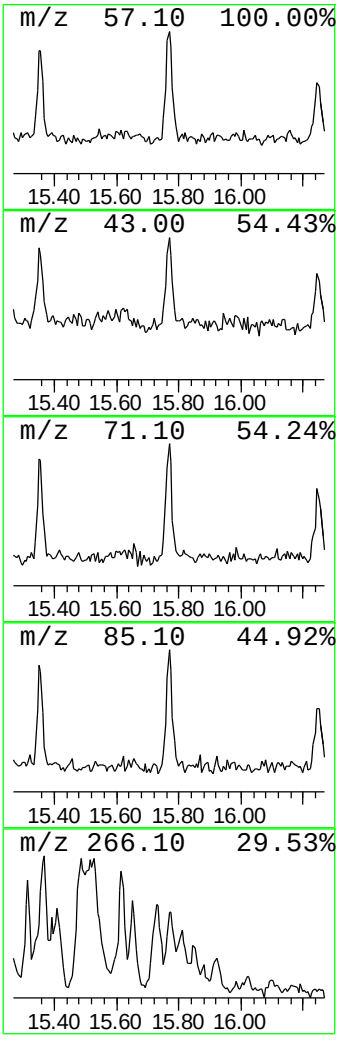
Peak Number 12 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.16 ng	74967	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tricosane	324	C23H48	000638-67-5	78
3	Hexadecane	226	C16H34	000544-76-3	55
4	Octacosane	394	C28H58	000630-02-4	49
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	49





Tentatively Identified Compound (LSC) summary

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Data File : BF120027.D
Acq On : 16 Apr 2020 11:13
Operator : MA/SJ
Sample : L2230-45 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
5H-Indeno[1,2-b]p...	11.48	2.1	ng	113017	4	11.25	1096330	20.0
Phenanthrene, 2-m...	11.75	2.3	ng	127385	4	11.25	1096330	20.0
Anthracene, 2-met...	11.78	5.5	ng	299949	4	11.25	1096330	20.0
4H-Cyclopenta[def...	11.86	4.9	ng	269196	4	11.25	1096330	20.0
Pyrene, 1-methyl-	12.92	2.2	ng	136077	5	13.89	1231090	20.0
11H-Benzo[b]fluorene	13.02	2.7	ng	165148	5	13.89	1231090	20.0
11H-Benzo[a]fluorene	13.09	2.2	ng	133381	5	13.89	1231090	20.0
Pyrene, 2-methyl-	13.12	2.3	ng	143502	5	13.89	1231090	20.0
Benzo[b]naphtho[2...	13.64	2.1	ng	129679	5	13.89	1231090	20.0
Benzo[e]pyrene	15.20	9.6	ng	335387	6	15.32	695472	20.0
Octadecane	15.77	2.2	ng	74967	6	15.32	695472	20.0