LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120204.D
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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	5.275	538	542	560	rBV	3518557	3461011	85.14%	9.652%
2	6.316	715	719	722	rBV	3260520	3396986	83.56%	9.473%
3	6.663	774	778	782	rBV	1093099	832958	20.49%	2.323%
4	6.822	800	805	808	rBV	3522276	2955184	72.70%	8.241%
5	7.234	870	875	878	rBV	2517341	2297135	56.51%	6.406%
6	7.439	906	910	915	rVB	84113	80711	1.99%	0.225%
7	7.945	993	996	1000	rBV	1164547	1070566	26.34%	2.985%
8	9.028	1175	1180	1183	rBV	4585776	4065176	100.00%	11.336%
9	9.422	1244	1247	1251	rVB	552990	417735	10.28%	1.165%
10	9.563	1267	1271	1277	rBV	119677	105765	2.60%	0.295%
11	9.704	1289	1295	1298	rBV	1195044	1078763	26.54%	3.008%
12	10.492	1425	1429	1432	rBV	2434470	1990514	48.97%	5.551%
13	10.627	1441	1452	1455	rBV3	59627	105648	2.60%	0.295%
14	10.680	1457	1461	1463	rVV	102451	100812	2.48%	0.281%
15	10.710	1463	1466	1470	rVV2	114466	148165	3.64%	0.413%
16	10.745	1470	1472	1474	rVV	112697	98533	2.42%	0.275%
17	10.798	1478	1481	1484	rVV3	50997	82268	2.02%	0.229%
18	10.857	1488	1491	1494	rVV3	93492	111694	2.75%	0.311%
19	10.892	1494	1497	1500	rVV	109592	114321	2.81%	0.319%
20	10.933	1502	1504	1511	rVB2	70584	80587	1.98%	0.225%
21	11.186	1543	1547	1549	rBV	1030048	964796	23.73%	2.691%
22	11.210	1549	1551	1554	rVV	471200	383406	9.43%	1.069%
23	11.257	1555	1559	1562	rVB	97453	88154	2.17%	0.246%
24	11.516	1600	1603	1608	rVB2	51205	55587	1.37%	0.155%
25	11.592	1611	1616	1620	rVB2	25887	43798	1.08%	0.122%
26	11.686	1628	1632	1634	rBV	177273	153784	3.78%	0.429%
27	11.721	1634	1638	1642	rVV2	314637	386709	9.51%	1.078%
28	11.792	1647	1650	1653	rVV	226988	246742	6.07%	0.688%
29	11.816	1653	1654	1659	rVB	132385	108705	2.67%	0.303%
30	11.980	1679	1682	1684	rBV2	92957	79328	1.95%	0.221%
31	12.004	1684	1686	1692	rVB2	84859	94081	2.31%	0.262%
32	12.163	1710	1713	1715	rVB	62301	48265	1.19%	0.135%
33	12.233	1720	1725	1728	rBV	178261	186313	4.58%	0.520%
34	12.268	1728	1731	1733	rBV2	61716	65498	1.61%	0.183%

LSC Area Percent Report

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Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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	12.321	1737	1740	1744	rBV2	95894	112701	2.77%	0.314%
36	12.392	1748	1752	1756	rBV	640670	544627	13.40%	1.519%
37	12.445	1757	1761	1766	rBV5	58939	96856	2.38%	0.270%
38	12.510	1770	1772	1774	rBV2	82671	79748	1.96%	0.222%
39	12.621	1785	1791	1794	rBV	752307	685849	16.87%	1.913%
40	12.680	1799	1801	1805	rVB	72482	72973	1.80%	0.203%
41	12.774	1813	1817	1820	rBV	3111194	2906980	71.51%	8.107%
42	12.839	1823	1828	1832	rBV3	100449	150114	3.69%	0.419%
43	12.927	1840	1843	1844	rBV	78464	71345	1.76%	0.199%
44	12.951	1845	1847	1851	rVB	120442	102181	2.51%	0.285%
45	13.015	1855	1858	1861	rVV2	68949	67861	1.67%	0.189%
46	13.057	1861	1865	1869	rVB2	127628	126632	3.12%	0.353%
47	13.145	1877	1880	1883	rVV	100718	80316	1.98%	0.224%
48	13.174	1883	1885	1889	rVB	110053	91596	2.25%	0.255%
49	13.257	1895	1899	1904	rBV3	85332	92831	2.28%	0.259%
50	13.321	1905	1910	1913	rBV6	33197	56641	1.39%	0.158%
51	13.457	1930	1933	1937	rVB	89079	90127	2.22%	0.251%
52	13.568	1946	1952	1955	rBV3	105464	166823	4.10%	0.465%
53	13.674	1966	1970	1979	rBV3	136858	223761	5.50%	0.624%
54	13.815	1989	1994	1997	rBV2	872308	1115655	27.44%	3.111%
55	13.845	1997	1999	2005	rVB	358938	305387	7.51%	0.852%
56	13.998	2022	2025	2031	rVB3	74648	90003	2.21%	0.251%
57	14.210	2056	2061	2063	rVB	105618	105185	2.59%	0.293%
58	14.239	2063	2066	2070	rBV2	87226	72843	1.79%	0.203%
59	14.298	2073	2076	2079	rBV2	129824	119453	2.94%	0.333%
60	14.327	2079	2081	2083	rBV2	55242	47358	1.16%	0.132%
61	14.598	2124	2127	2133	rVB2	147297	173171	4.26%	0.483%
62	14.827	2162	2166	2169	rBV	239633	334881	8.24%	0.934%
63	14.910	2176	2180	2188	rBV2	177379	219476	5.40%	0.612%
64	15.104	2210	2213	2219	rVB	160564	185187	4.56%	0.516%
65	15.162	2219	2223	2228	rVV	220282	241729	5.95%	0.674%
66	15.221	2229	2233	2236	rVV	552633	649826	15.99%	1.812%
67	15.257	2236	2239	2245	rVB3	181162	253468	6.24%	0.707%
68	15.656	2303	2307	2312	rVB	156451	211085	5.19%	0.589%
69	16.115	2382	2385	2392	rVB2	58431	82065	2.02%	0.229%
70	16.562	2457	2461	2469	rBV2	73496	137082	3.37%	0.382%
71	16.968	2525	2530	2536	rBV	65877	121694	2.99%	0.339%

LSC Area Percent Report

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Data File : BF120204.D
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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	17.674	2645	2650	2658	rBV	28827	74072	1.82%	0.207%

Sum of corrected areas: 35859280

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
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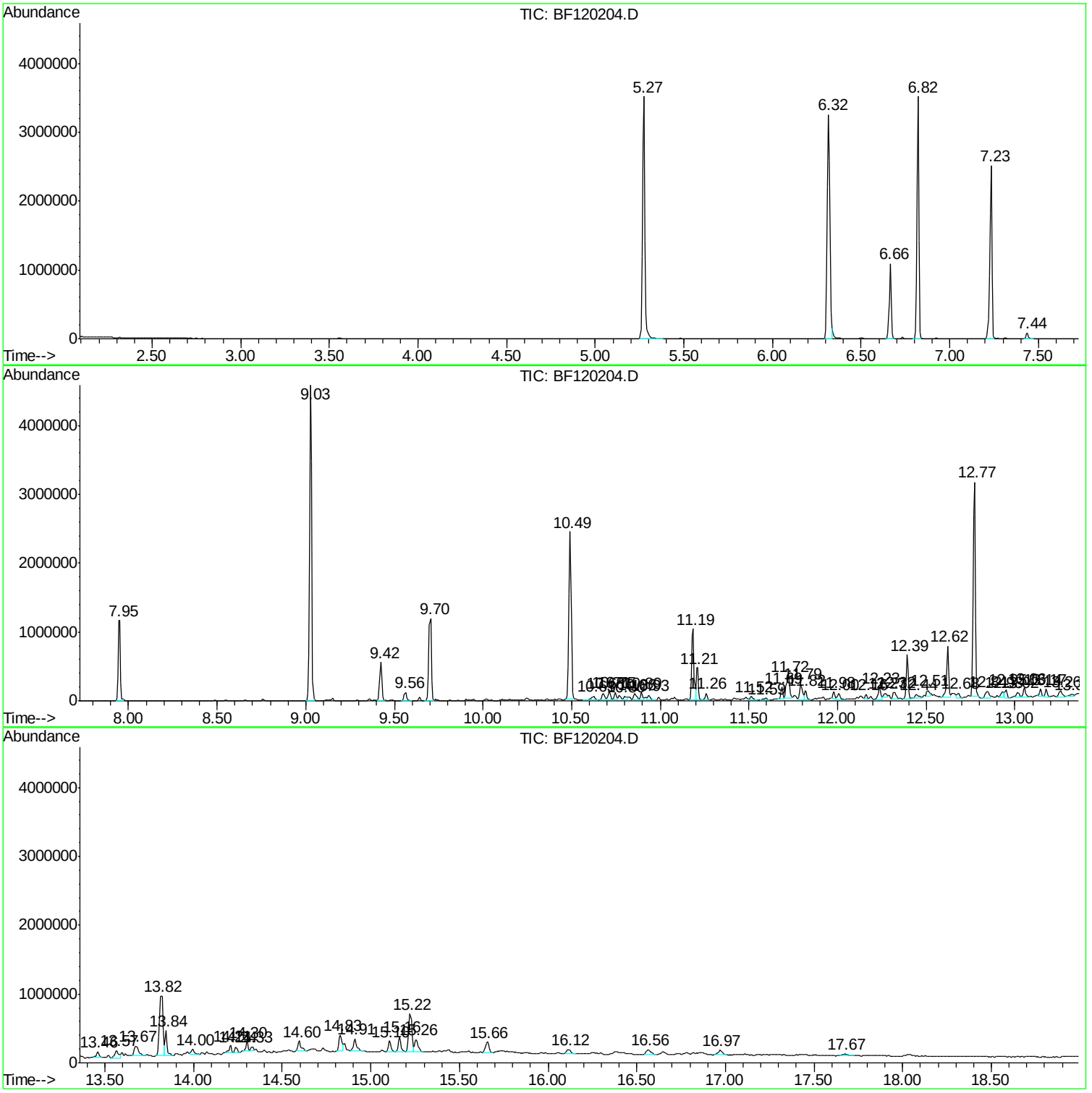
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120204.D
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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

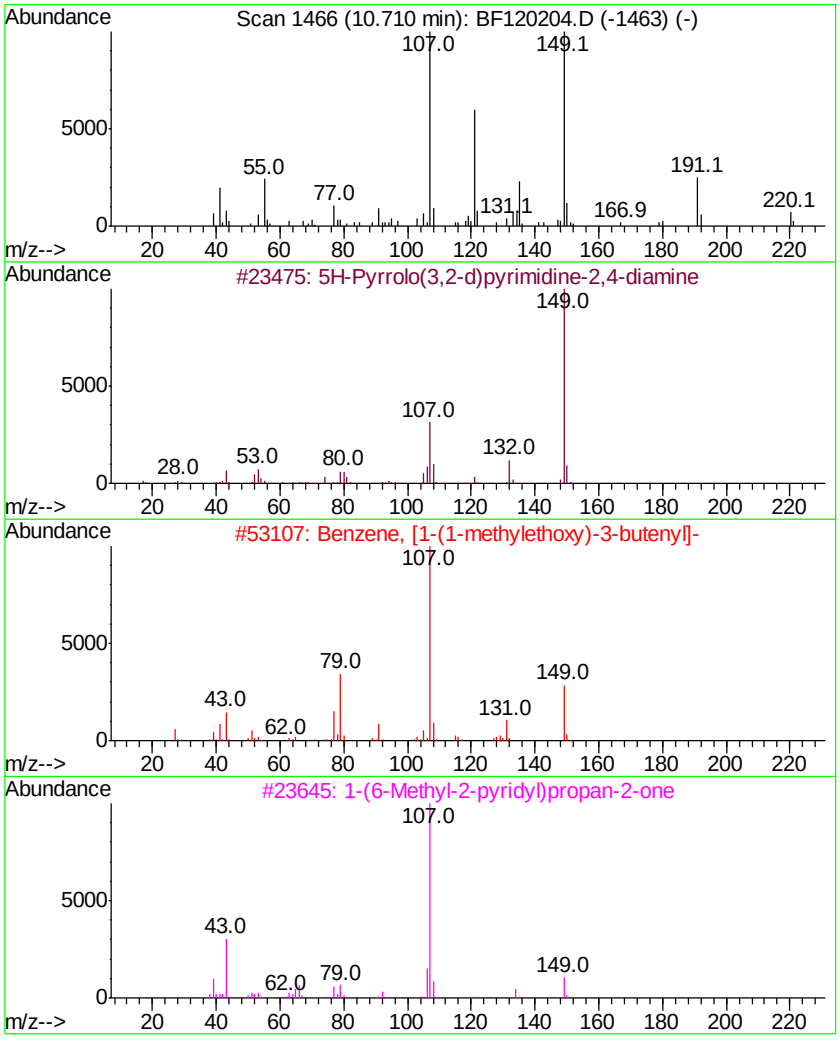
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

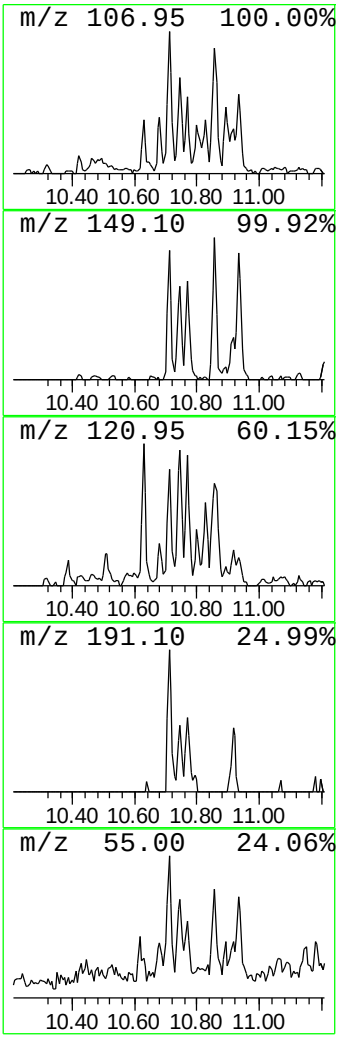
****

Peak Number 2 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	3.07 ng	148165	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	64
2	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	53
3	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	53
4	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	46
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120204.D
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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

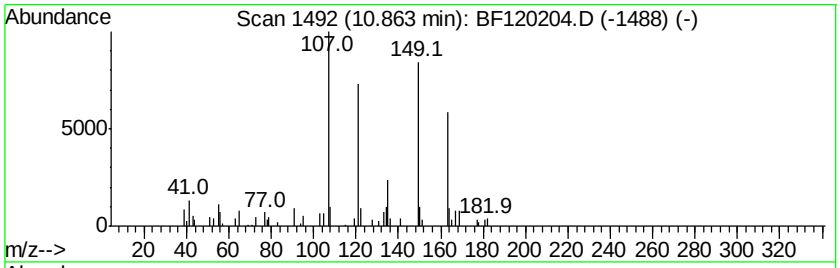
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

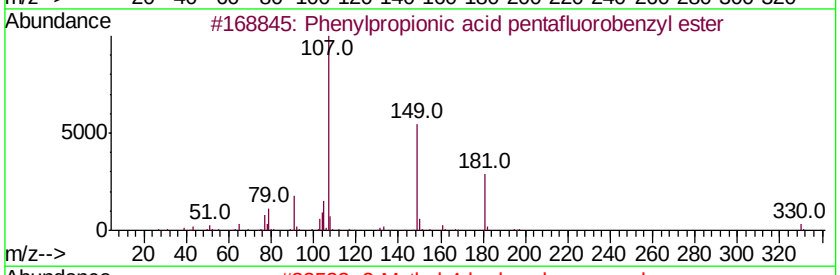
****

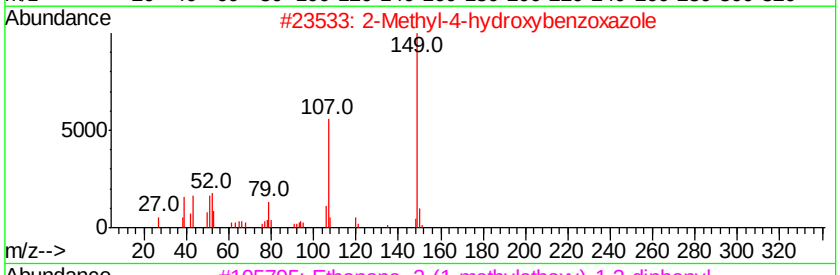
Peak Number 3 Phenylpropionic acid pentaf... Concentration Rank 17

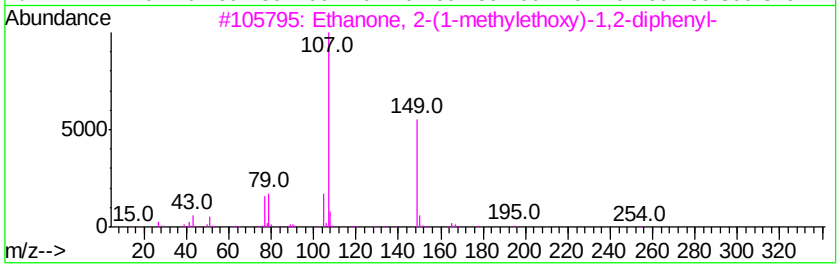
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.32 ng	111694	Phenanthrene-d10	11.19

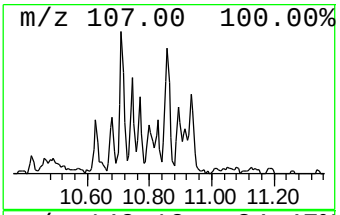
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenylpropionic acid pentafluoro...	330	C16H11F5O2	062434-95-1	59
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
3	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	45
4	4-Isopropoxy-4-phenylbutyronitrile	203	C13H17NO	1000370-35-3	45
5	Benzestrol	298	C20H26O2	000085-95-0	38

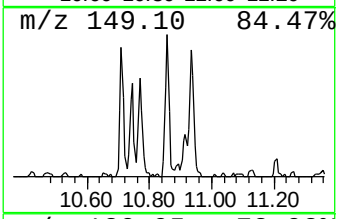


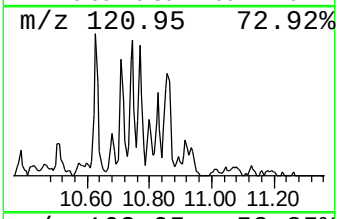


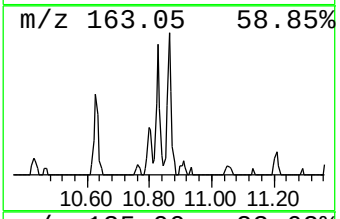


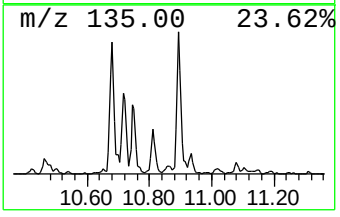












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Data File : BF120204.D
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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

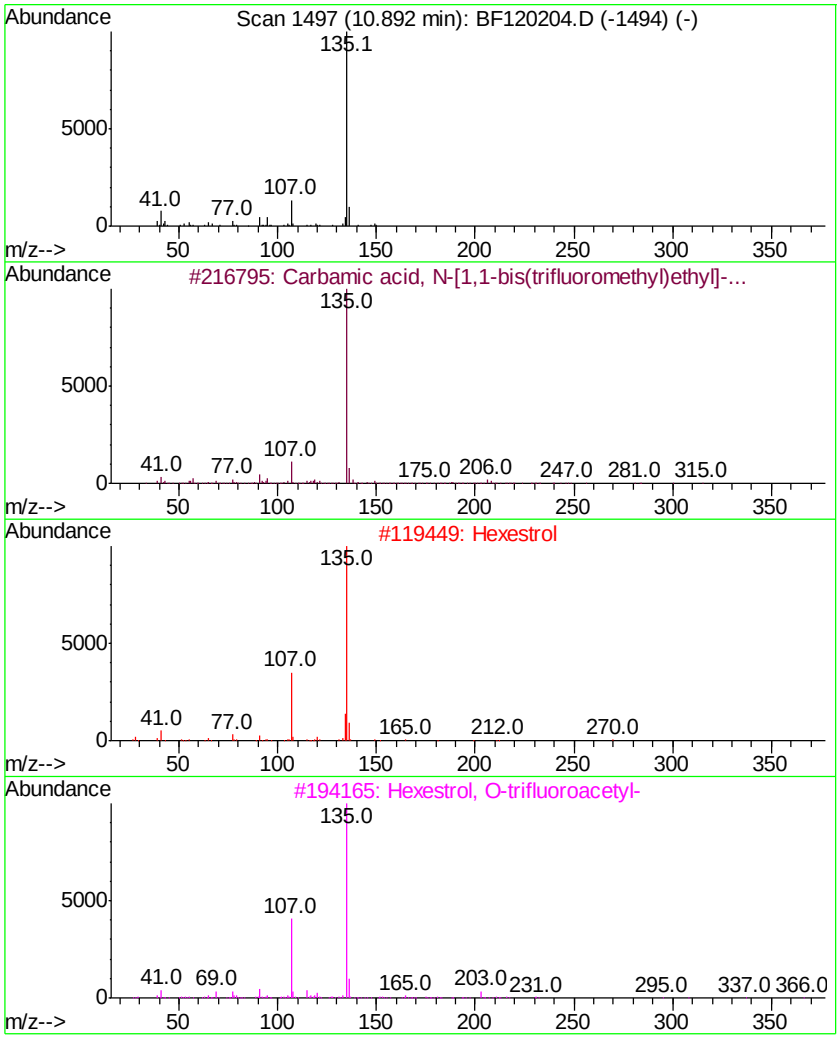
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

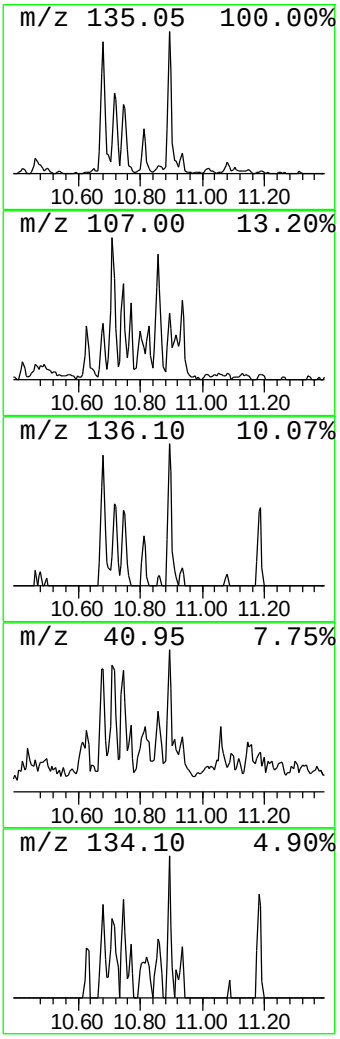
****

Peak Number 4 Carbamic acid, N-[1,1-bis(t... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.37 ng	114321	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
2	Hexestrol	270	C18H22O2	000084-16-2	50
3	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	50
4	1-Adamantanethiol, S-methacryloyl-	236	C14H20OS	1000358-48-9	45
5	bicyclo[2.2.1]heptan-2-ol, 7-(3-...	284	C16H32O2Si	1000196-96-1	45





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Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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

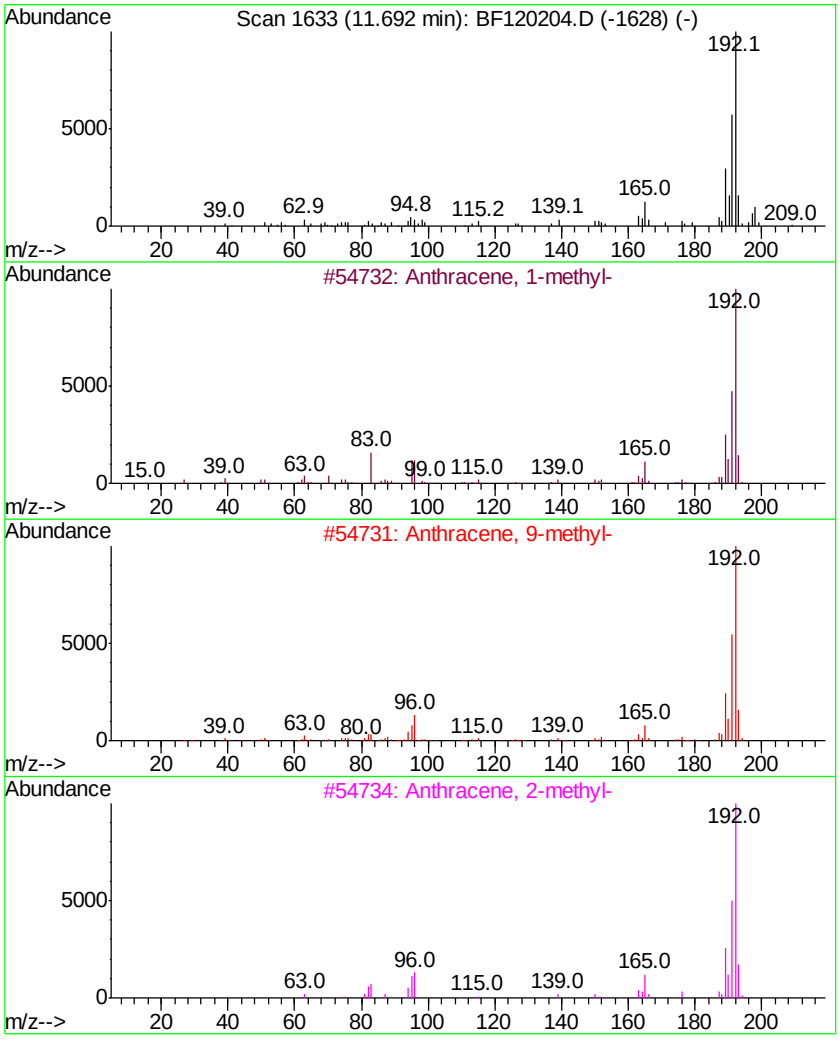
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

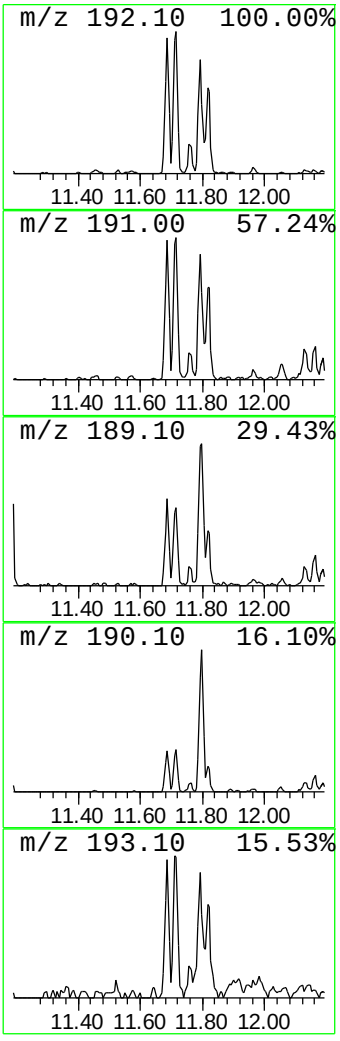
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.19 ng	153784	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120204.D
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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

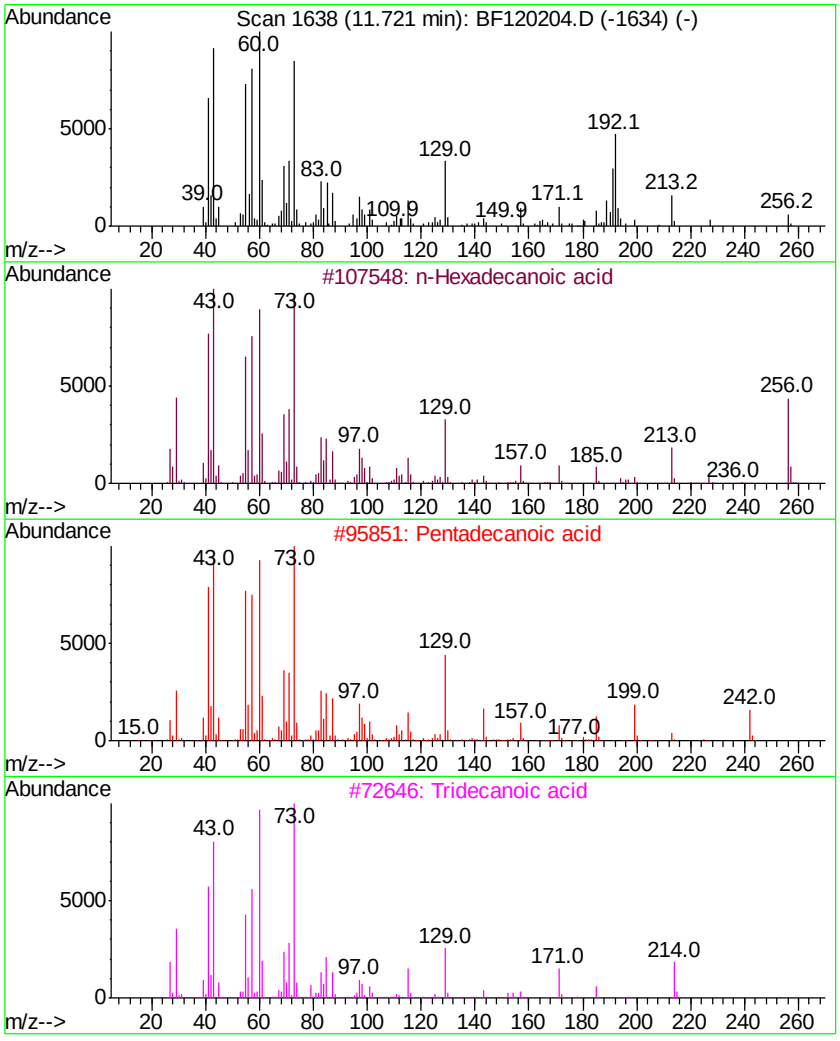
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

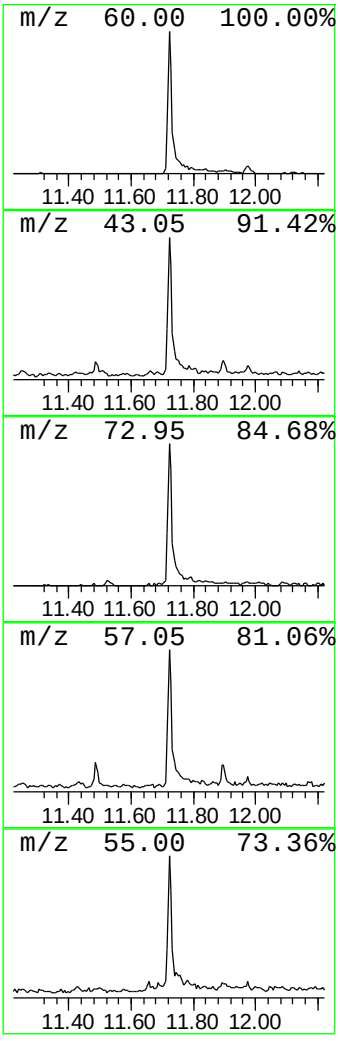
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	8.02 ng	386709	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Undecanoic acid	186	C11H22O2	000112-37-8	52
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





Library Search Compound Report

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Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
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Instrument : BNA_F
ClientSampleId : B-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

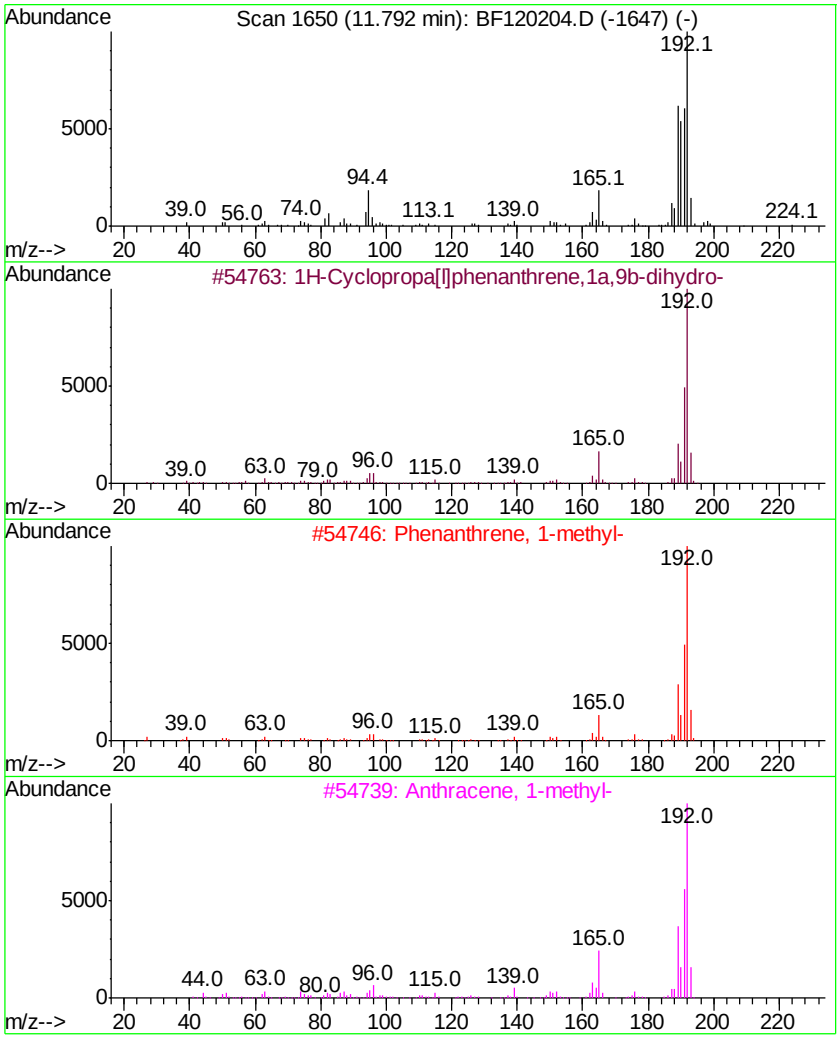
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

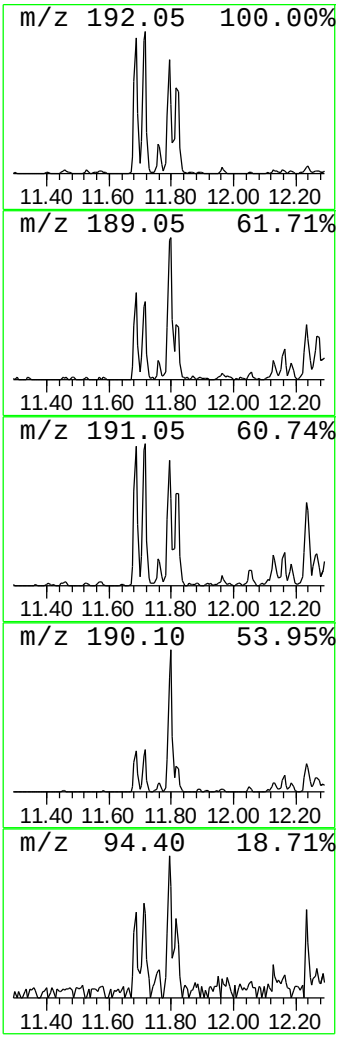
****

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.11 ng	246742	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78





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Instrument : BNA_F
ClientSampleId : B-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

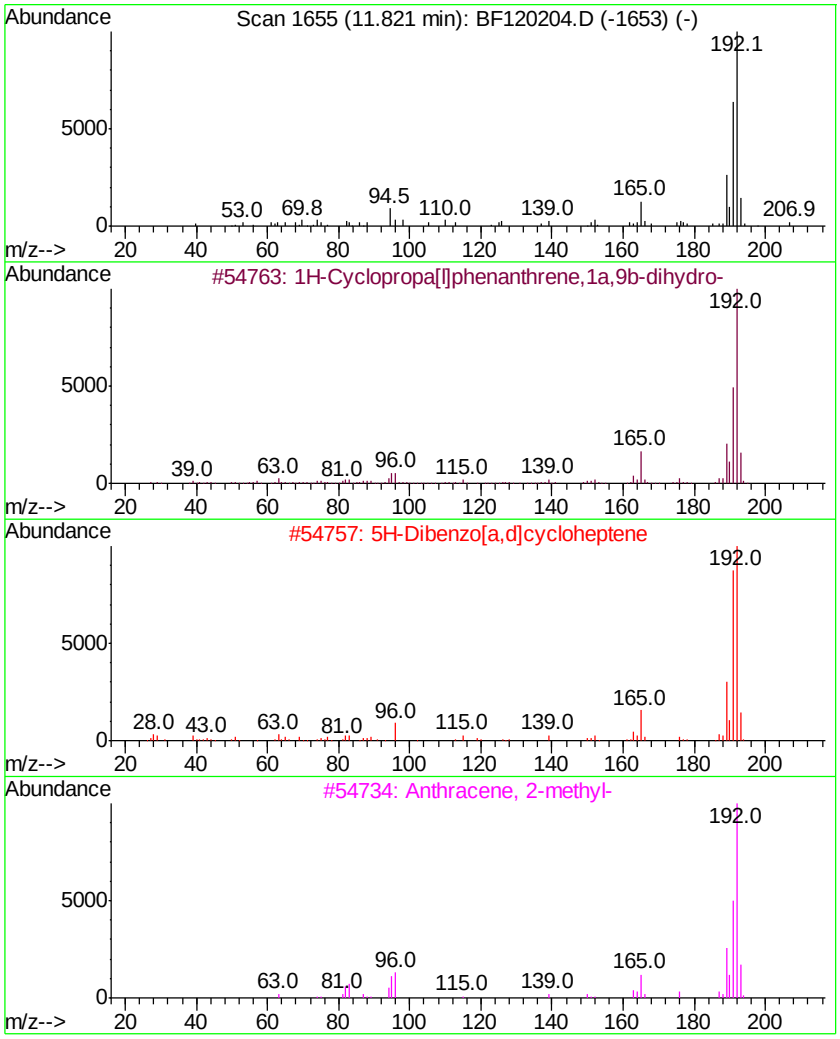
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

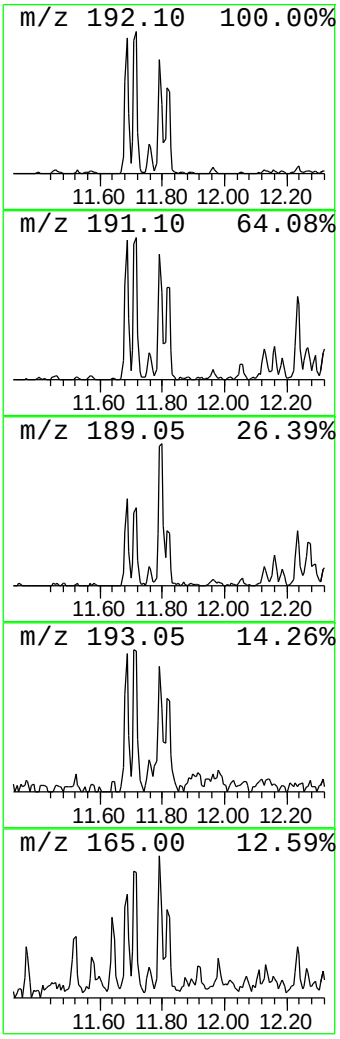
****

Peak Number 8 5H-Dibenzo[a,d]cycloheptene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.25 ng	108705	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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Instrument : BNA_F
ClientSampleId : B-1

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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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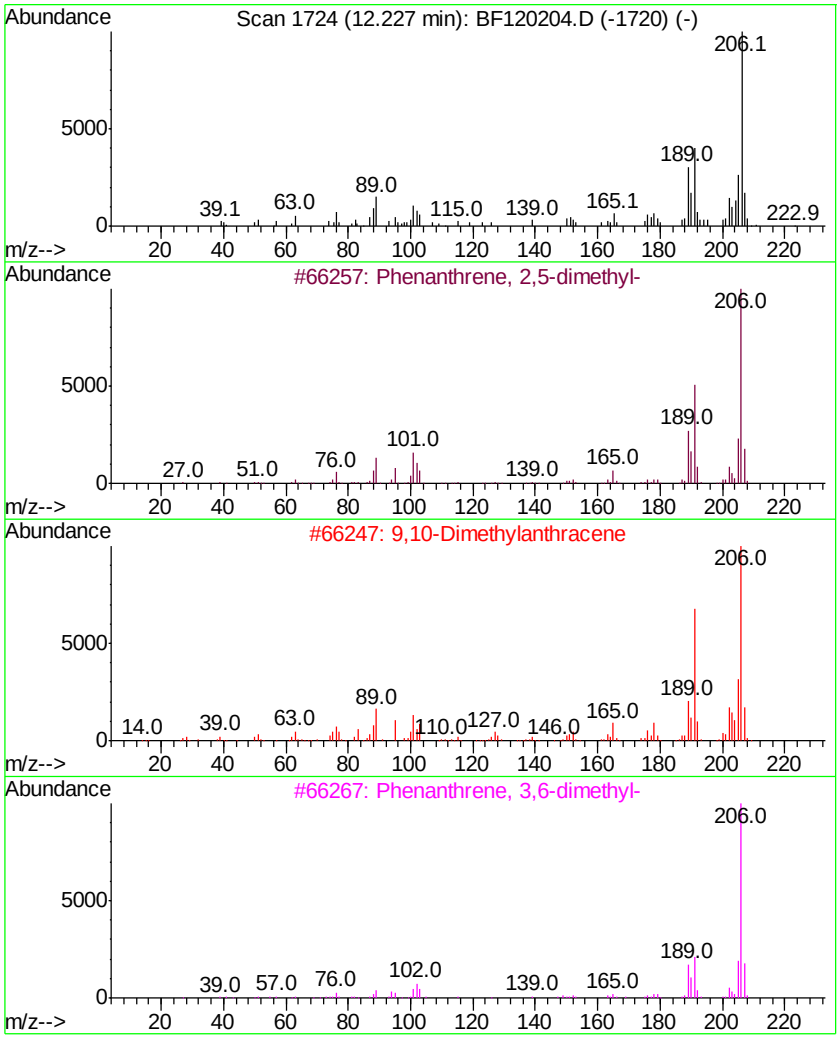
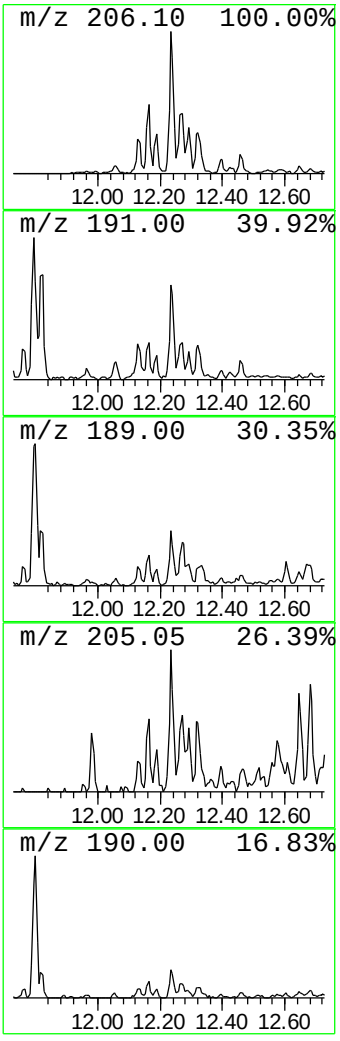
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.86 ng	186313	Phenanthrene-d10	11.19

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	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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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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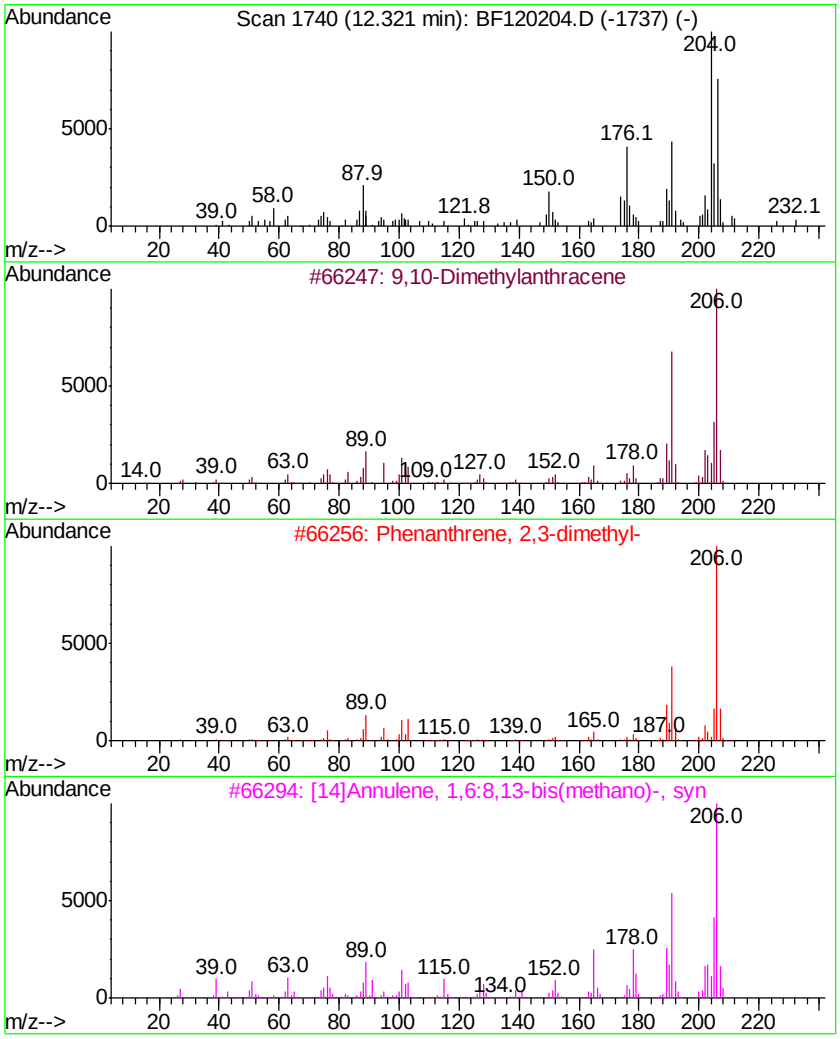
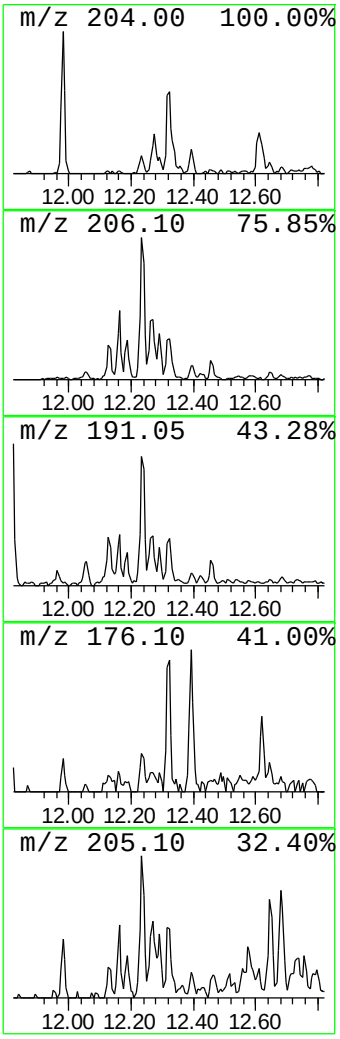
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.34 ng	112701	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	49
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	46
5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46





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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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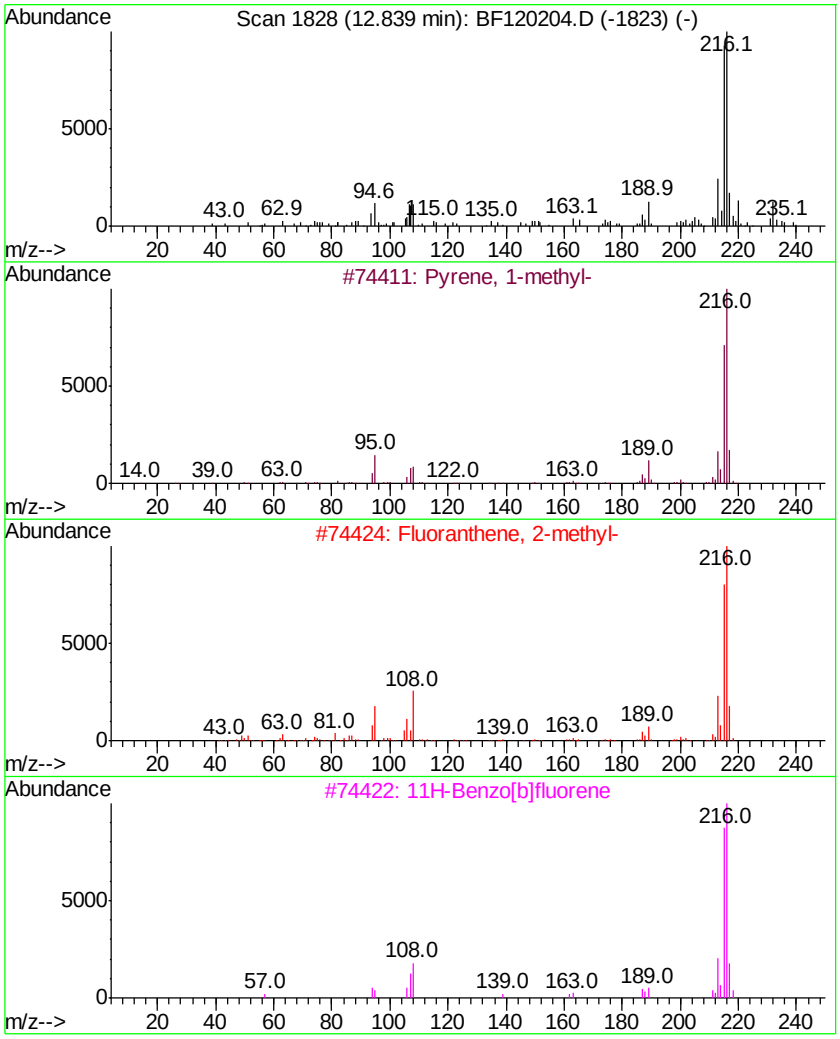
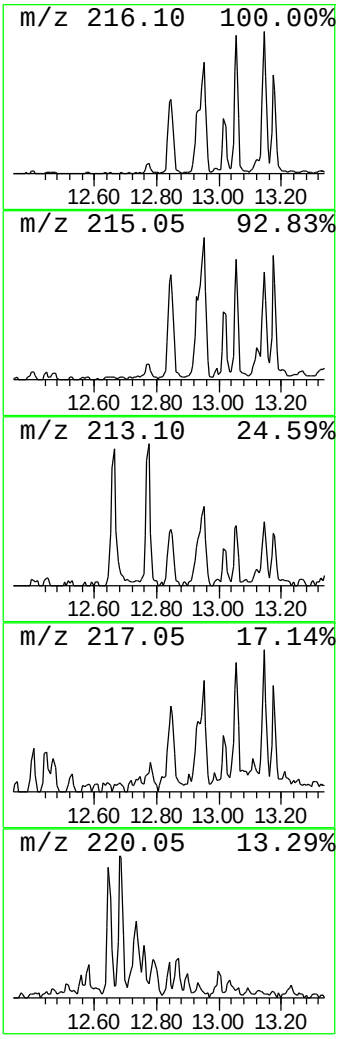
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	2.69 ng	150114	Chrysene-d12	13.82

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	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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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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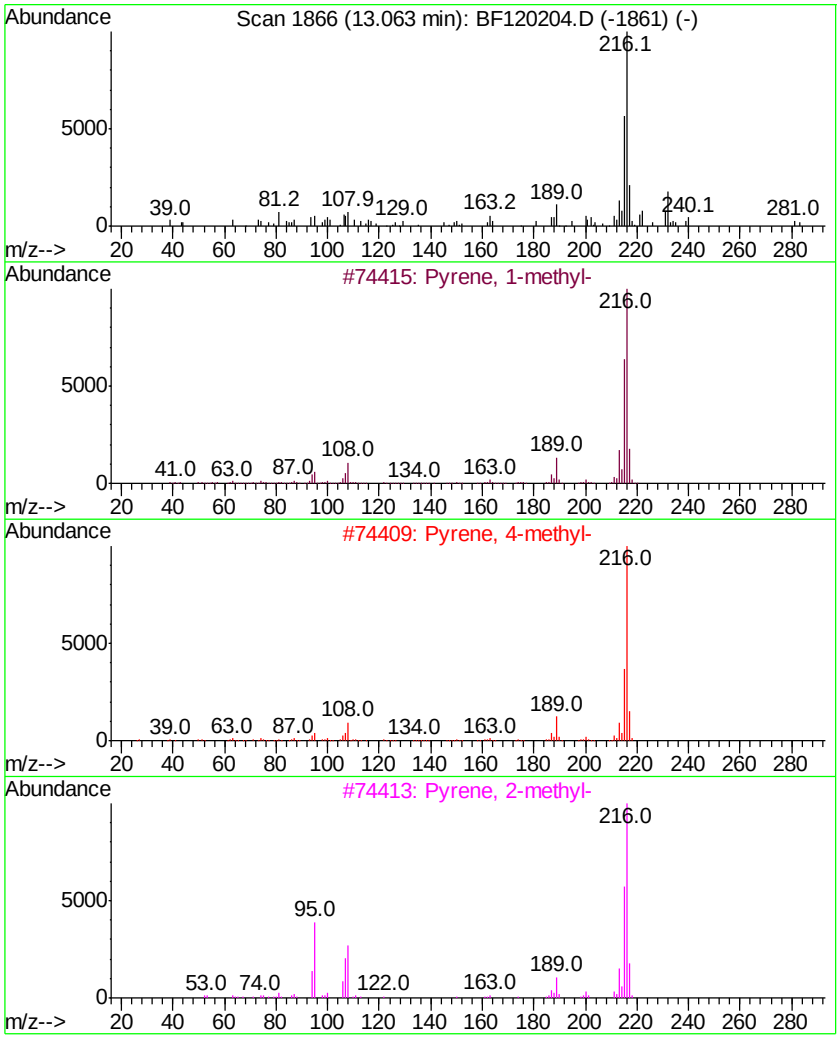
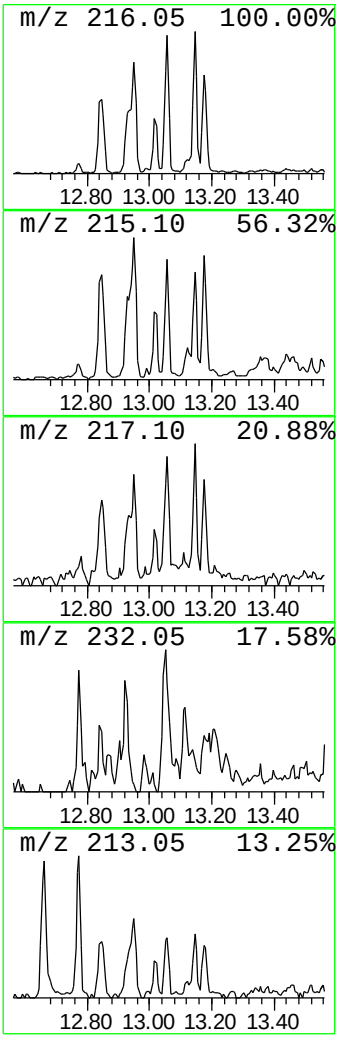
Peak Number 12 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.27 ng	126632	Chrysene-d12	13.82

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	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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ClientSampleId : B-1

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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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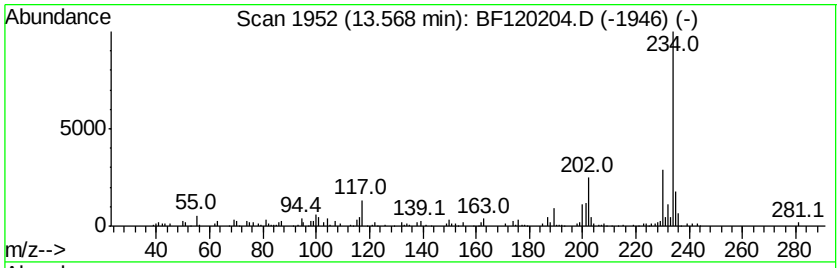
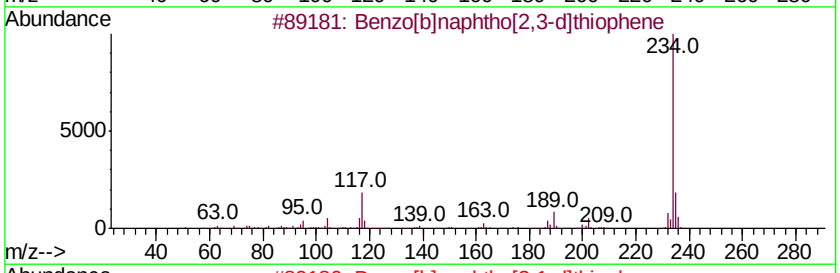
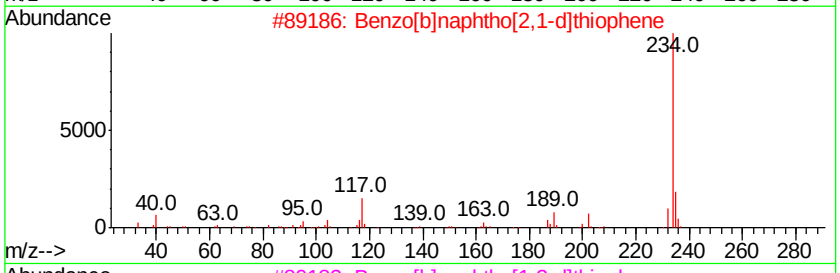
Peak Number 13 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 12

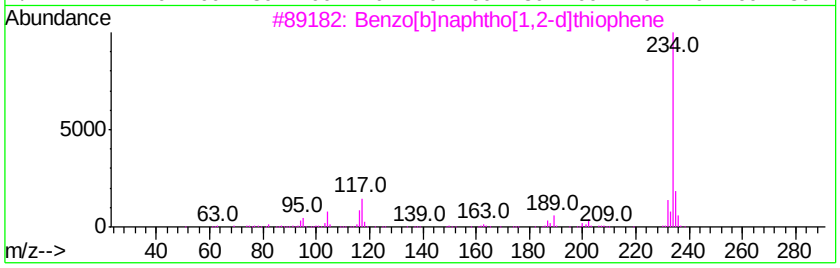
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.99 ng	166823	Chrysene-d12	13.82

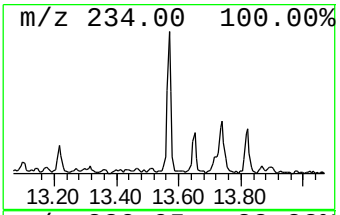
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	53
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	53
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	43

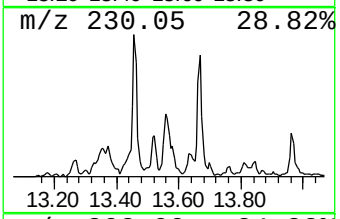


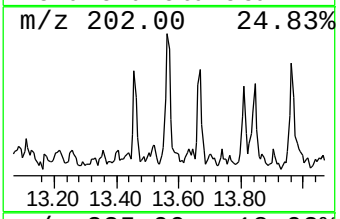


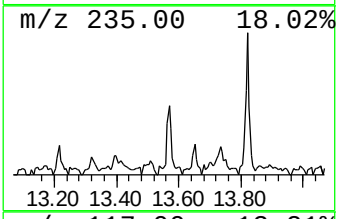


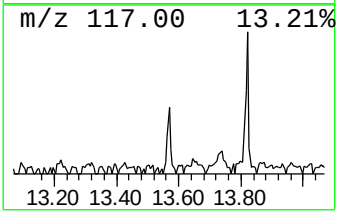












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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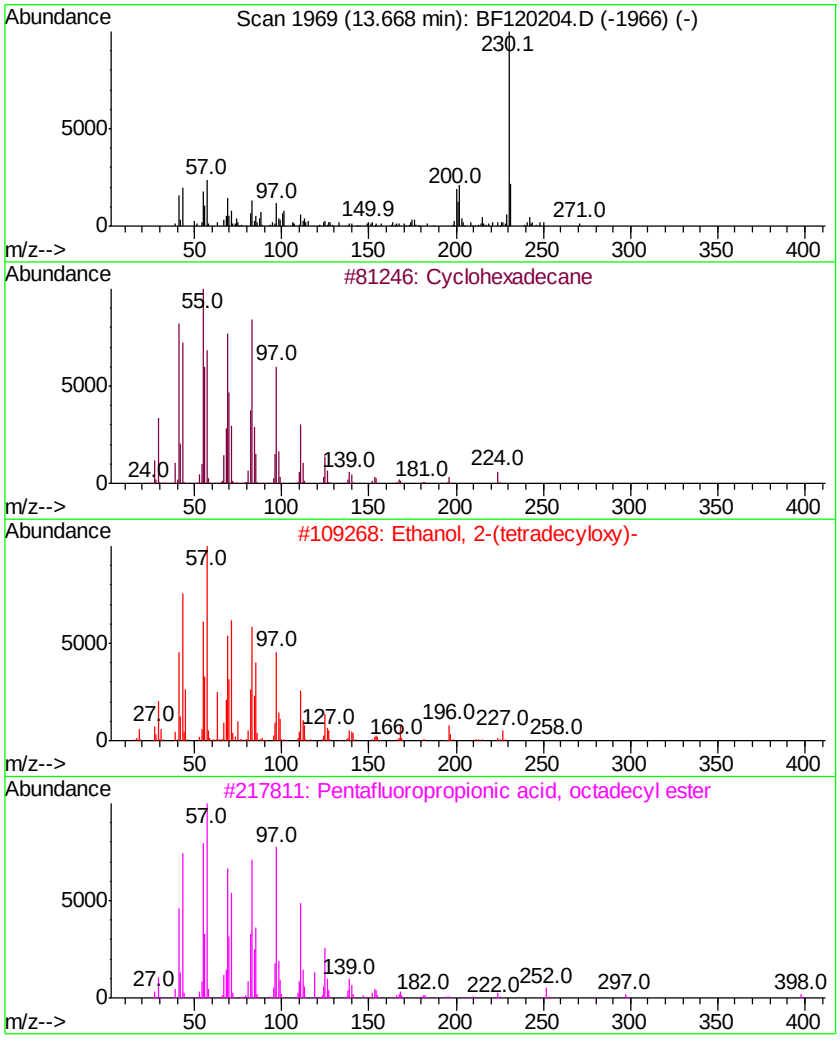
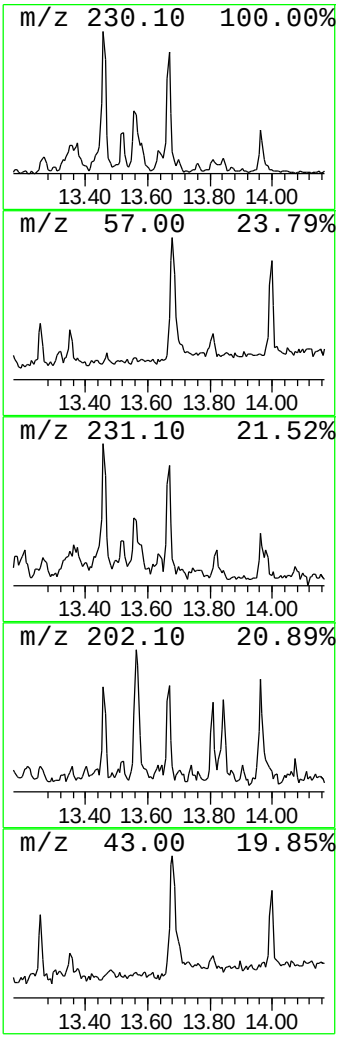
Peak Number 14 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.01 ng	223761	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	55
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	55
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	49
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	49





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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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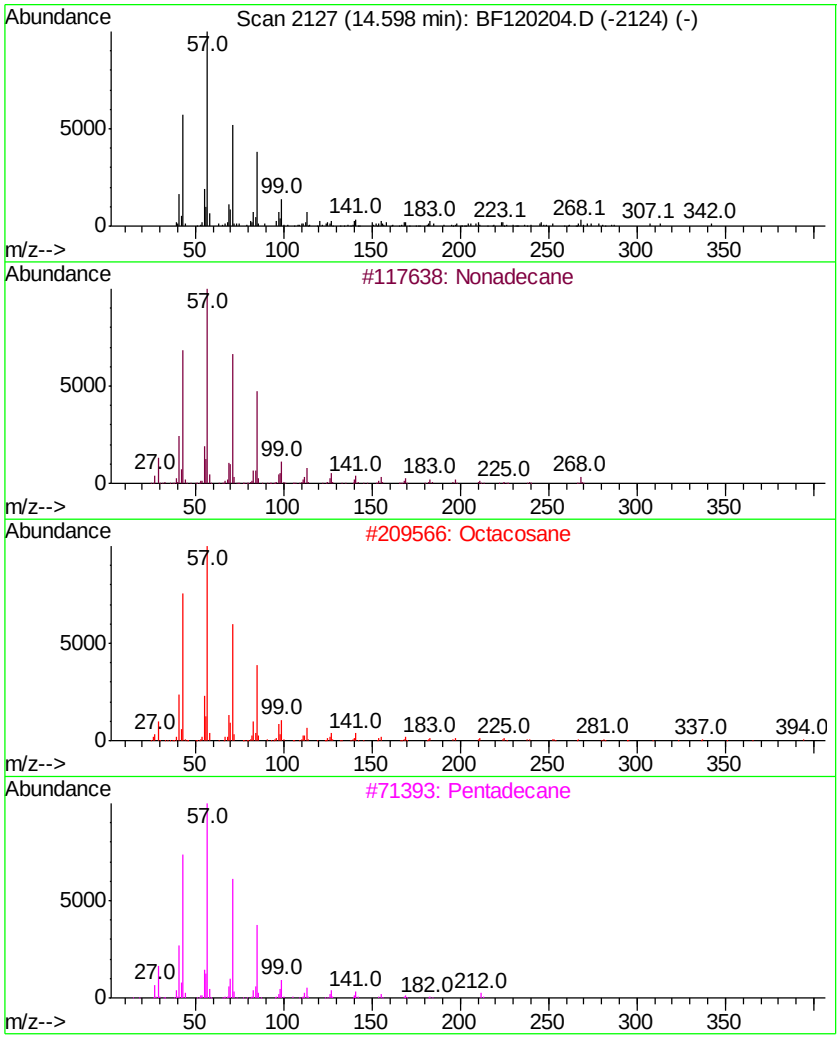
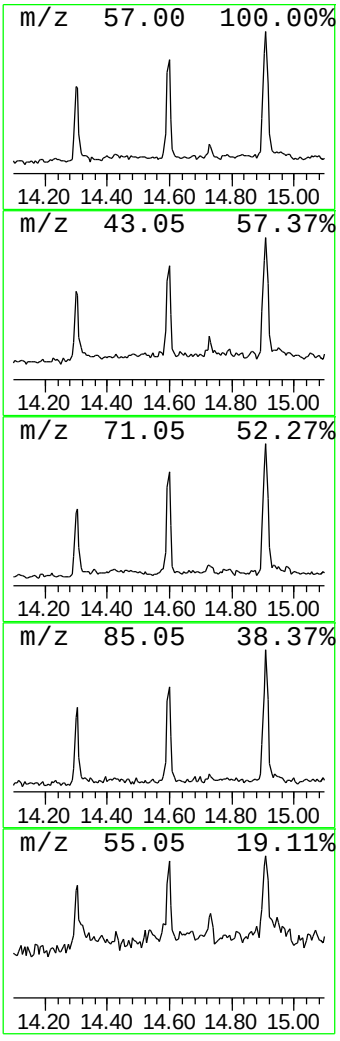
Peak Number 15 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	5.33 ng	173171	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Pentadecane	212	C15H32	000629-62-9	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Heptacosane	380	C27H56	000593-49-7	80





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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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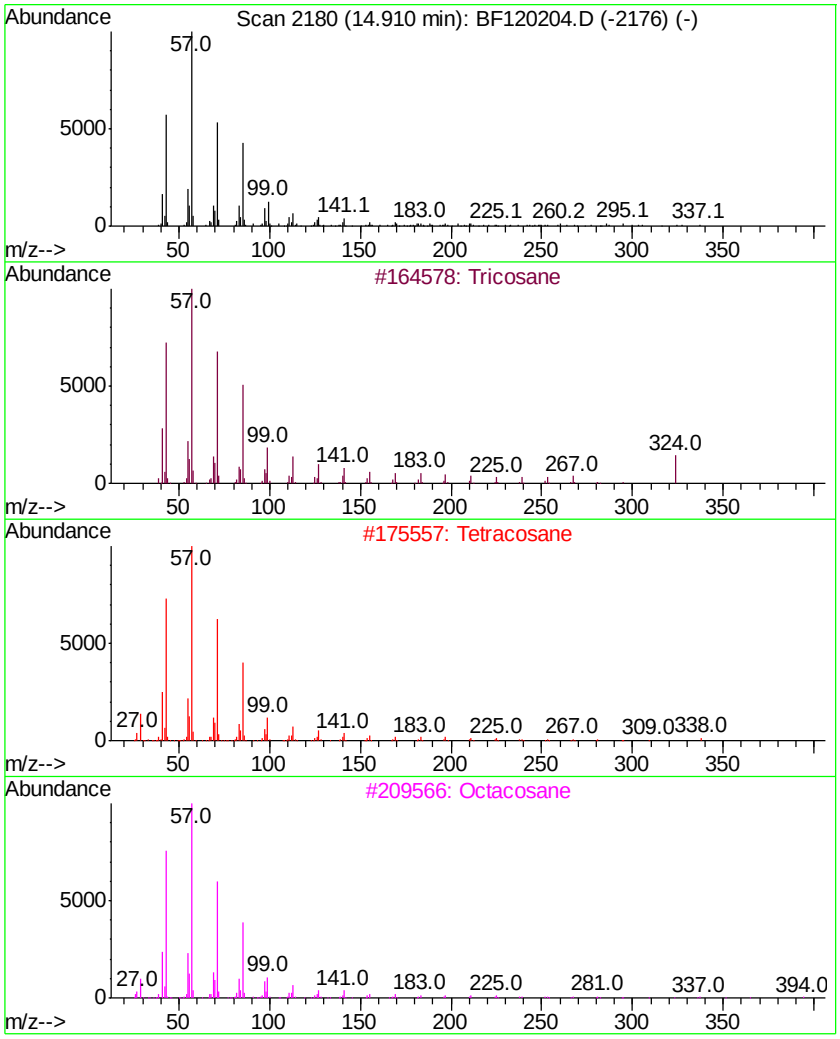
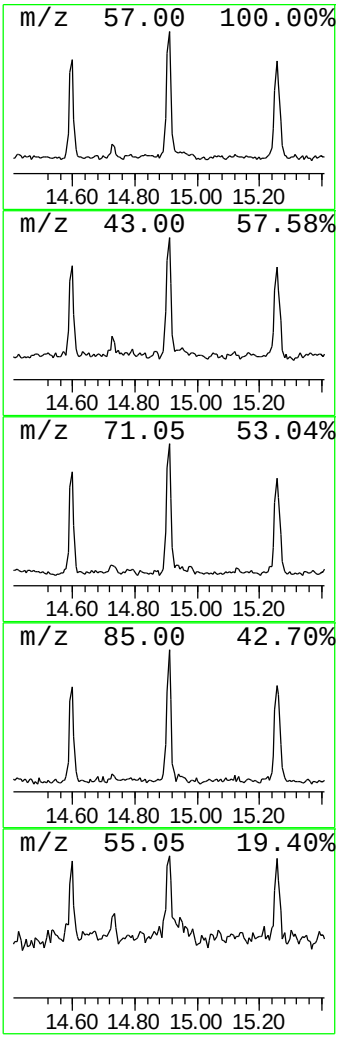
Peak Number 16 Tricosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	6.75 ng	219476	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Nonadecane	268	C19H40	000629-92-5	81
5	Eicosane	282	C20H42	000112-95-8	80





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Data File : BF120204.D
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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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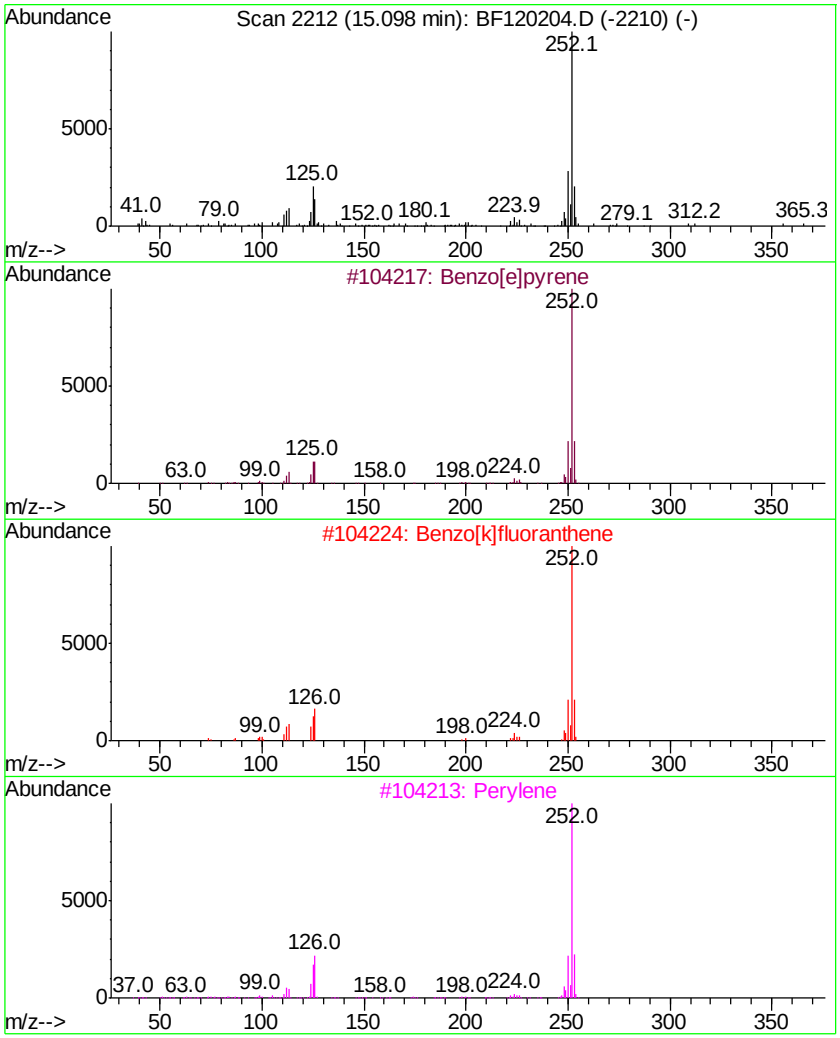
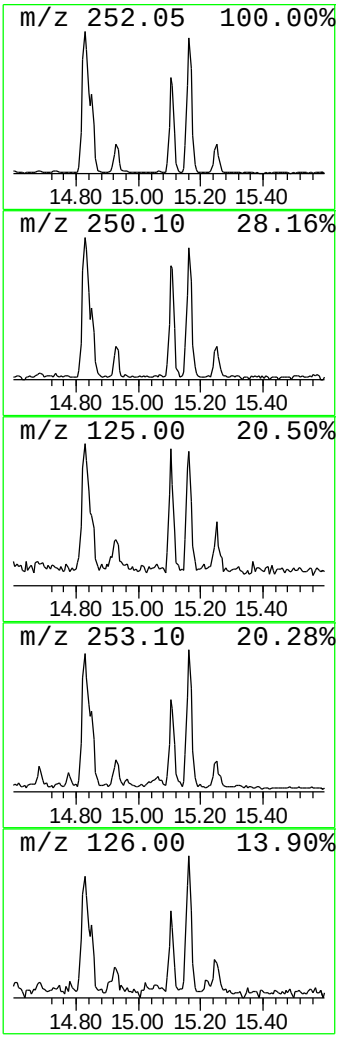
Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	5.70 ng	185187	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120204.D
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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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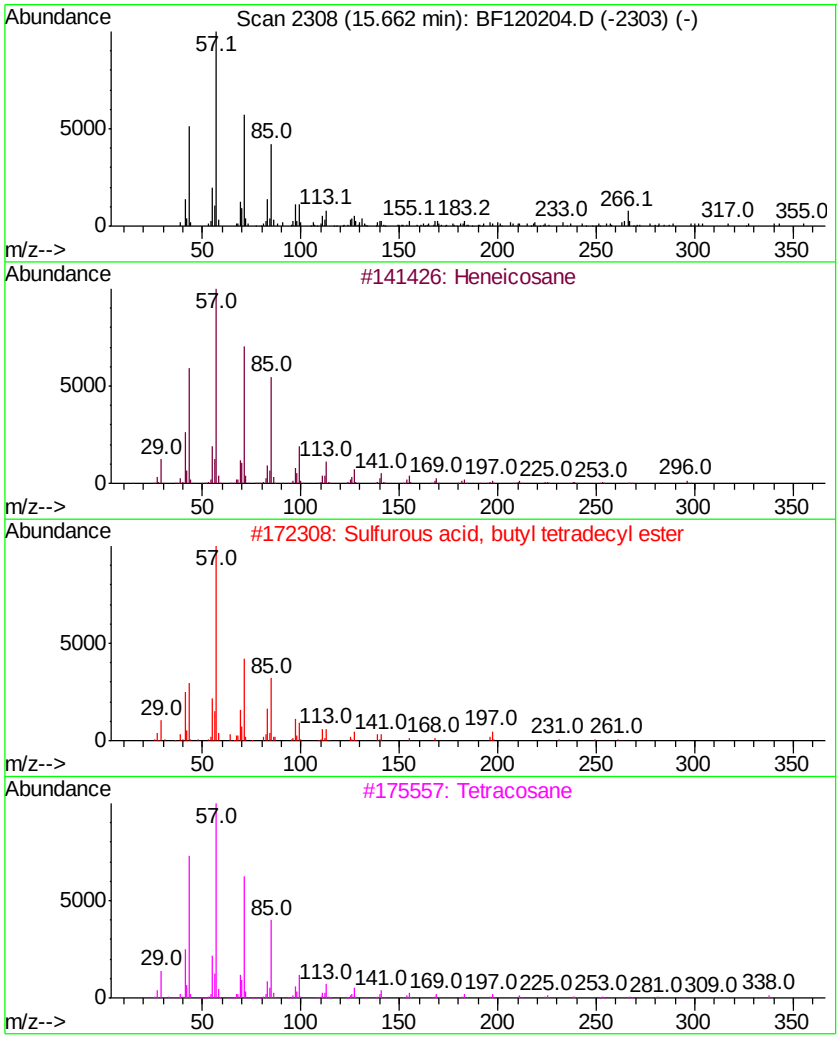
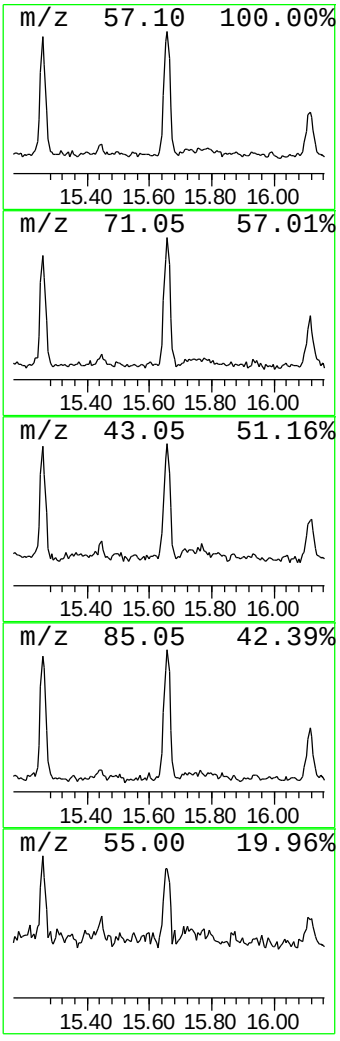
Peak Number 18 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	6.50 ng	211085	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
3	Tetracosane	338	C24H50	000646-31-1	80
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	72
5	Eicosane	282	C20H42	000112-95-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120204.D
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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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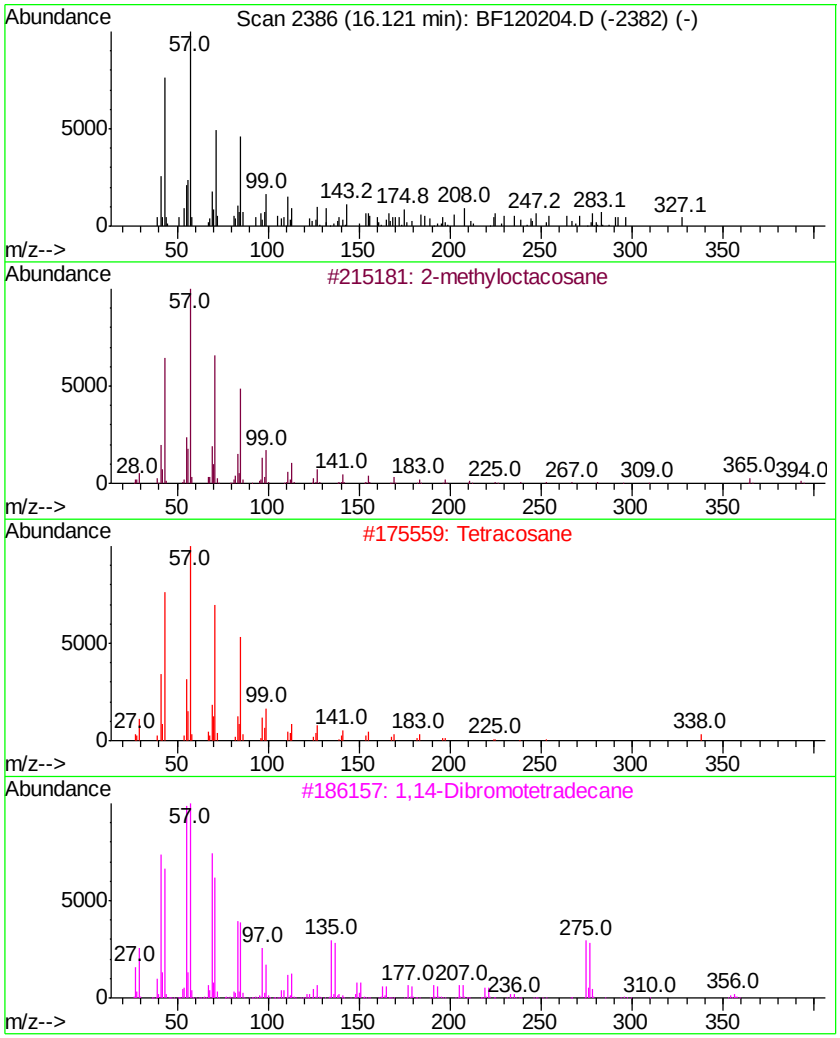
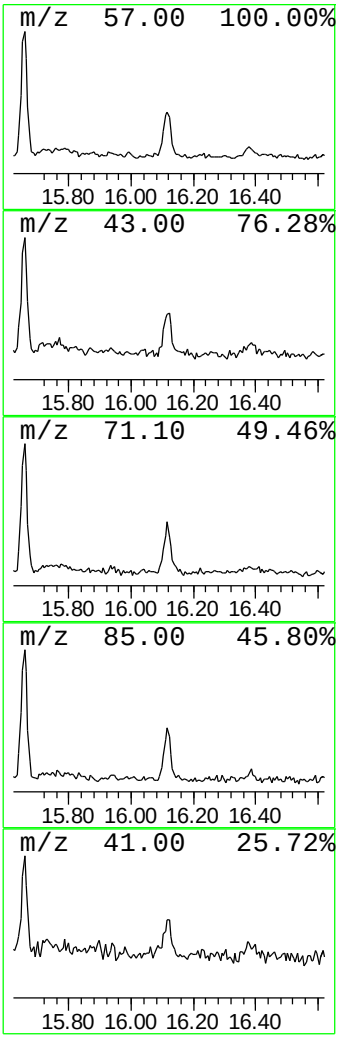
Peak Number 19 2-methyloctacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.53 ng	82065	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	68
2	Tetracosane	338	C24H50	000646-31-1	64
3	1,14-Dibromotetradecane	354	C14H28Br2	037688-96-3	64
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	64
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120204.D
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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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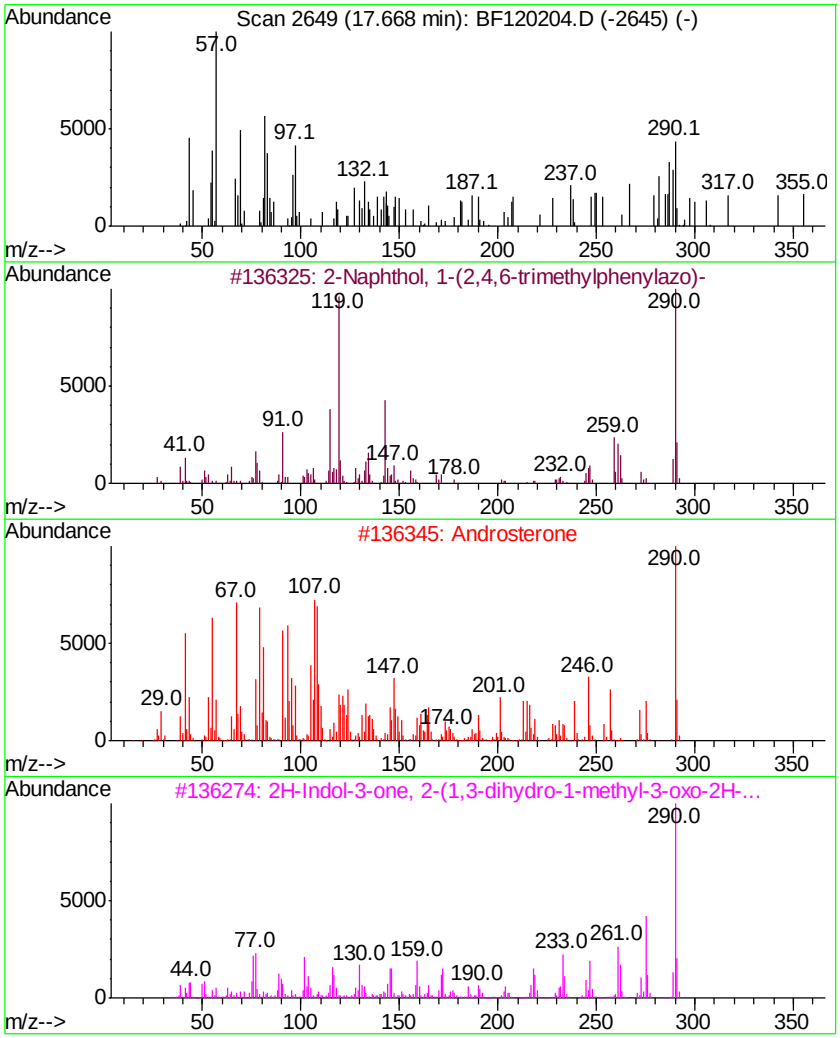
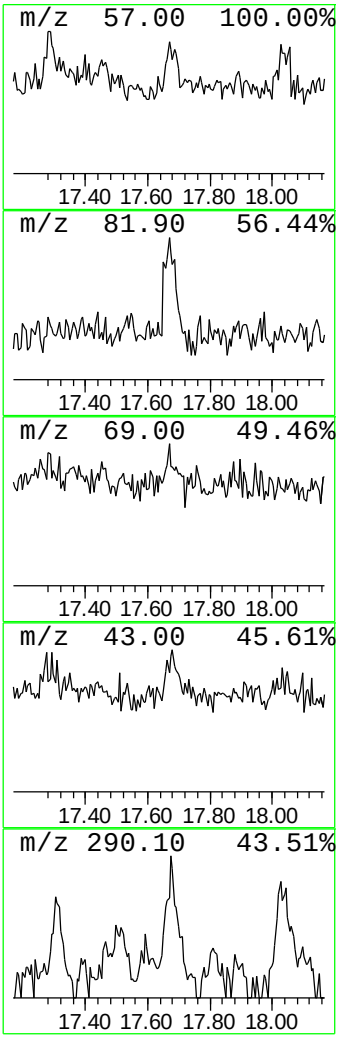
Peak Number 20 unknown17.67 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.28 ng	74072	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthol, 1-(2,4,6-trimethylph...	290	C19H18N2O	088423-71-6	27
2	Androsterone	290	C19H30O2	000053-41-8	18
3	2H-Indol-3-one, 2-(1,3-dihydro-1...	290	C18H14N2O2	018996-72-0	16
4	3,6-Dichlorophenanthrene-9-carbo...	290	C15H8Cl2O2	056988-51-3	12
5	1H-Pyrrole-2,5-dione, 1-[4-(2-be...	290	C17H10N2O3	016707-41-8	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042420\
Data File : BF120204.D
Acq On : 24 Apr 2020 16:08
Operator : MA/SJ
Sample : L2394-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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-Pyrrolo(3,2-d)...	10.71	3.1	ng	148165	4	11.19	964796	20.0
Phenylpropionic a...	10.86	2.3	ng	111694	4	11.19	964796	20.0
Carbamic acid, N-...	10.89	2.4	ng	114321	4	11.19	964796	20.0
Anthracene, 1-met...	11.69	3.2	ng	153784	4	11.19	964796	20.0
n-Hexadecanoic acid	11.72	8.0	ng	386709	4	11.19	964796	20.0
1H-Cyclopropa[l]p...	11.79	5.1	ng	246742	4	11.19	964796	20.0
5H-Dibenzo[a,d]cy...	11.82	2.3	ng	108705	4	11.19	964796	20.0
Phenanthrene, 2,5...	12.23	3.9	ng	186313	4	11.19	964796	20.0
9,10-Dimethylanth...	12.32	2.3	ng	112701	4	11.19	964796	20.0
Pyrene, 1-methyl-	12.84	2.7	ng	150114	5	13.82	1115660	20.0
Pyrene, 4-methyl-	13.06	2.3	ng	126632	5	13.82	1115660	20.0
Benzo[b]naphtho[2...	13.57	3.0	ng	166823	5	13.82	1115660	20.0
Cyclohexadecane	13.67	4.0	ng	223761	5	13.82	1115660	20.0
Nonadecane	14.60	5.3	ng	173171	6	15.22	649826	20.0
Tricosane	14.91	6.8	ng	219476	6	15.22	649826	20.0
Benzo[e]pyrene	15.10	5.7	ng	185187	6	15.22	649826	20.0
Heneicosane	15.66	6.5	ng	211085	6	15.22	649826	20.0
2-methyloctacosane	16.12	2.5	ng	82065	6	15.22	649826	20.0
unknown17.67	17.67	2.3	ng	74072	6	15.22	649826	20.0