LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

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-BF051420.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	5.222	530	533	550	rBV	1020723	1287170	36.93%	2.872%
2	6.269	707	711	730	rBV	847331	1242862	35.66%	2.773%
3	6.610	766	769	785	rBV	1132428	1375313	39.46%	3.069%
4	6.763	792	795	807	rBV	873536	981752	28.17%	2.190%
5	7.175	862	865	880	rBV	606390	842701	24.18%	1.880%
6	7.898	983	988	1013	rBV	1878049	2078237	59.63%	4.637%
7	8.975	1166	1171	1182	rBV	1628506	1570808	45.07%	3.505%
8	9.375	1235	1239	1246	rVB	189874	179551	5.15%	0.401%
9	9.510	1257	1262	1268	rBV	123993	128020	3.67%	0.286%
10	9.651	1280	1286	1289	rBV	1986287	1967388	56.45%	4.390%
11	9.680	1289	1291	1297	rVB	192907	183082	5.25%	0.408%
12	9.857	1317	1321	1325	rBV	75900	83922	2.41%	0.187%
13	10.198	1375	1379	1385	rBV	229372	245432	7.04%	0.548%
14	10.351	1402	1405	1408	rVB	45285	40879	1.17%	0.091%
15	10.433	1414	1419	1432	rBV	757175	914265	26.23%	2.040%
16	10.563	1438	1441	1448	rVB3	68429	90974	2.61%	0.203%
17	10.745	1467	1472	1475	rBV2	57923	81975	2.35%	0.183%
18	10.939	1502	1505	1510	rVB	54256	55002	1.58%	0.123%
19	11.027	1515	1520	1526	rVB2	101735	174219	5.00%	0.389%
20	11.133	1534	1538	1540	rBV	1620576	1670981	47.95%	3.728%
21	11.157	1540	1542	1546	rVV	1504726	1252670	35.94%	2.795%
22	11.204	1547	1550	1555	rVV	459924	515393	14.79%	1.150%
23	11.245	1555	1557	1561	rVB3	37612	46990	1.35%	0.105%
24	11.369	1572	1578	1584	rBV2	135345	188336	5.40%	0.420%
25	11.427	1584	1588	1592	rBV3	74625	102369	2.94%	0.228%
26	11.539	1604	1607	1612	rVB2	57713	66311	1.90%	0.148%
27	11.633	1619	1623	1625	rBV	175904	169828	4.87%	0.379%
28	11.663	1625	1628	1633	rVV	229120	257657	7.39%	0.575%
29	11.710	1633	1636	1638	rVB	106596	85933	2.47%	0.192%
30	11.745	1638	1642	1644	rBV	598395	582748	16.72%	1.300%
31	11.927	1670	1673	1676	rBV	120813	114020	3.27%	0.254%
32	11.957	1676	1678	1683	rVB2	65394	61762	1.77%	0.138%
33	12.110	1701	1704	1706	rBV	44226	40906	1.17%	0.091%
34	12.180	1713	1716	1719	rBV	106407	121430	3.48%	0.271%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

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-BF051420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.222	1719	1723	1725	rVV2	208704	242745	6.97%	0.542%
36	12.239	1725	1726	1729	rVV	176780	139659	4.01%	0.312%
37	12.269	1729	1731	1736	rVV	202327	208706	5.99%	0.466%
38	12.345	1739	1744	1750	rBV	3622261	3485118	100.00%	7.776%
39	12.404	1750	1754	1758	rVV3	87279	159043	4.56%	0.355%
40	12.439	1758	1760	1762	rVV	78351	66237	1.90%	0.148%
41	12.492	1766	1769	1776	rVV3	119491	191958	5.51%	0.428%
42	12.569	1776	1782	1789	rVV2	2629529	3355073	96.27%	7.486%
43	12.621	1789	1791	1799	rVB2	117443	138938	3.99%	0.310%
44	12.692	1800	1803	1804	rBV	153889	136048	3.90%	0.304%
45	12.716	1804	1807	1814	rVB	1374780	1381096	39.63%	3.081%
46	12.792	1815	1820	1823	rBV3	166901	274324	7.87%	0.612%
47	12.821	1823	1825	1828	rVB	60008	54441	1.56%	0.121%
48	12.880	1831	1835	1836	rBV3	152712	200975	5.77%	0.448%
49	12.898	1836	1838	1842	rVB	479370	449350	12.89%	1.003%
50	12.963	1846	1849	1852	rBV	412676	445455	12.78%	0.994%
51	13.004	1852	1856	1863	rVB2	239557	311980	8.95%	0.696%
52	13.092	1868	1871	1874	rBV	110156	99020	2.84%	0.221%
53	13.127	1874	1877	1880	rBV2	125685	159735	4.58%	0.356%
54	13.298	1904	1906	1908	rBV	64877	47998	1.38%	0.107%
55	13.321	1908	1910	1913	rVV2	81660	78064	2.24%	0.174%
56	13.380	1918	1920	1921	rVV2	70943	49938	1.43%	0.111%
57	13.410	1923	1925	1929	rVB	151689	161937	4.65%	0.361%
58	13.516	1940	1943	1945	rBV	197366	189404	5.43%	0.423%
59	13.545	1945	1948	1950	rVV	141643	125457	3.60%	0.280%
60	13.568	1950	1952	1953	rBV	139016	103734	2.98%	0.231%
61	13.621	1958	1961	1969	rVB4	221482	366705	10.52%	0.818%
62	13.768	1981	1986	1989	rBV3	1765960	2781462	79.81%	6.206%
63	13.798	1989	1991	1999	rVB	1141954	1058428	30.37%	2.362%
64	13.874	2001	2004	2006	rBV	244361	207219	5.95%	0.462%
65	13.916	2009	2011	2014	rBV	118287	119142	3.42%	0.266%
66	14.116	2043	2045	2047	rBV2	106823	116332	3.34%	0.260%
67	14.157	2050	2052	2055	rVB	224287	193021	5.54%	0.431%
68	14.251	2065	2068	2070	rBV2	206505	186242	5.34%	0.416%
69	14.298	2074	2076	2079	rVB2	150911	120718	3.46%	0.269%
70	14.774	2153	2157	2166	rBV	1276856	2413278	69.25%	5.384%
71	14.874	2171	2174	2179	rVB	262815	266462	7.65%	0.595%

LSC Area Percent Report

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Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

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-BF051420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.051	2200	2204	2209	rVB	747668	1116795	32.04%	2.492%
73	15.104	2209	2213	2219	rBV	880306	1136326	32.61%	2.535%
74	15.162	2219	2223	2226	rBV	784654	1044713	29.98%	2.331%
75	15.192	2226	2228	2235	rVB	395708	478042	13.72%	1.067%
76	15.239	2235	2236	2238	rBV2	82626	56372	1.62%	0.126%
77	15.574	2288	2293	2300	rBV4	178611	552656	15.86%	1.233%
78	16.486	2443	2448	2455	rVB2	520751	944784	27.11%	2.108%
79	16.880	2511	2515	2524	rVB	279431	547668	15.71%	1.222%
80	17.280	2582	2583	2585	rBV2	68771	56445	1.62%	0.126%

Sum of corrected areas: 44820129

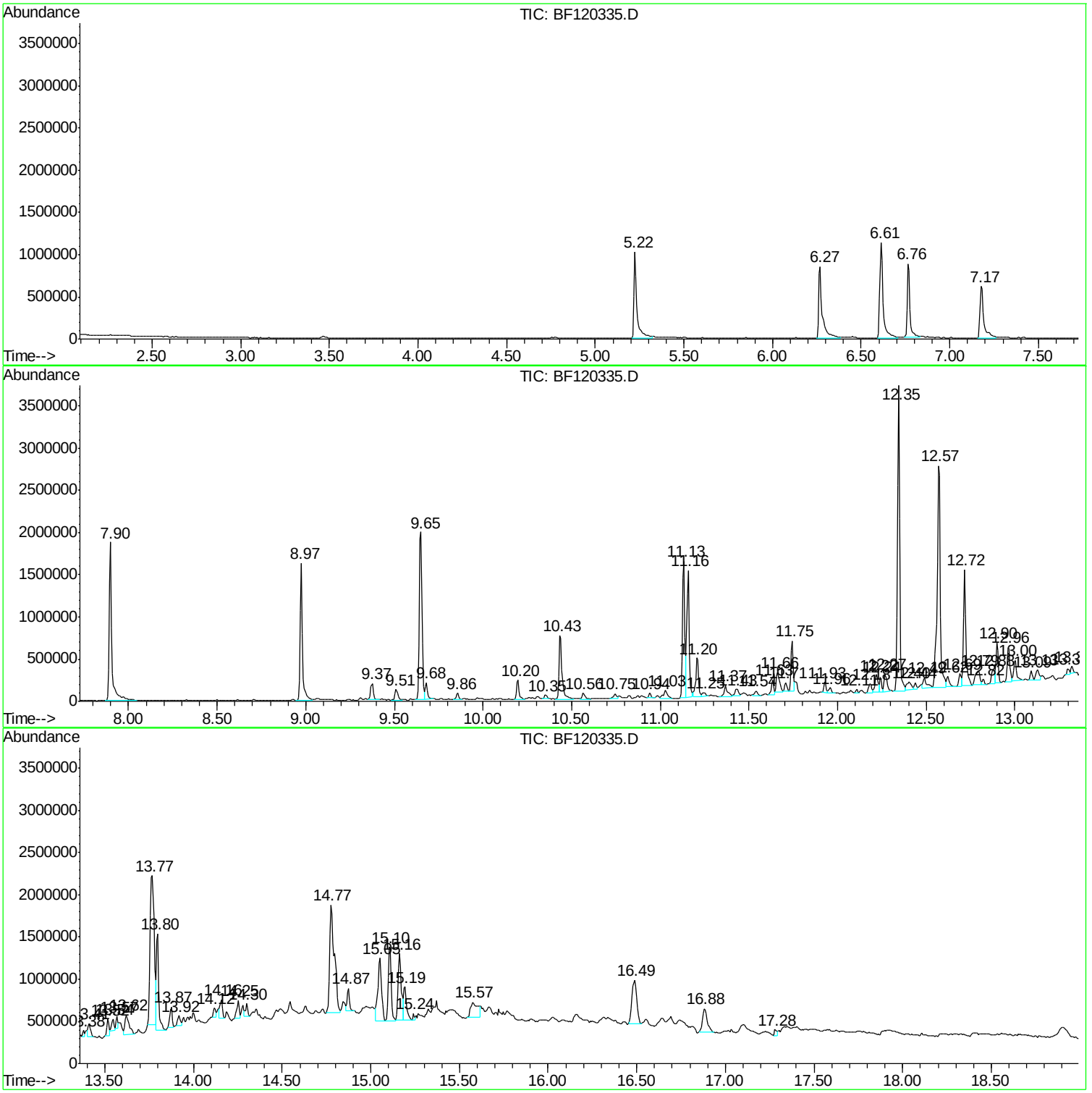
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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\BF051520\
Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

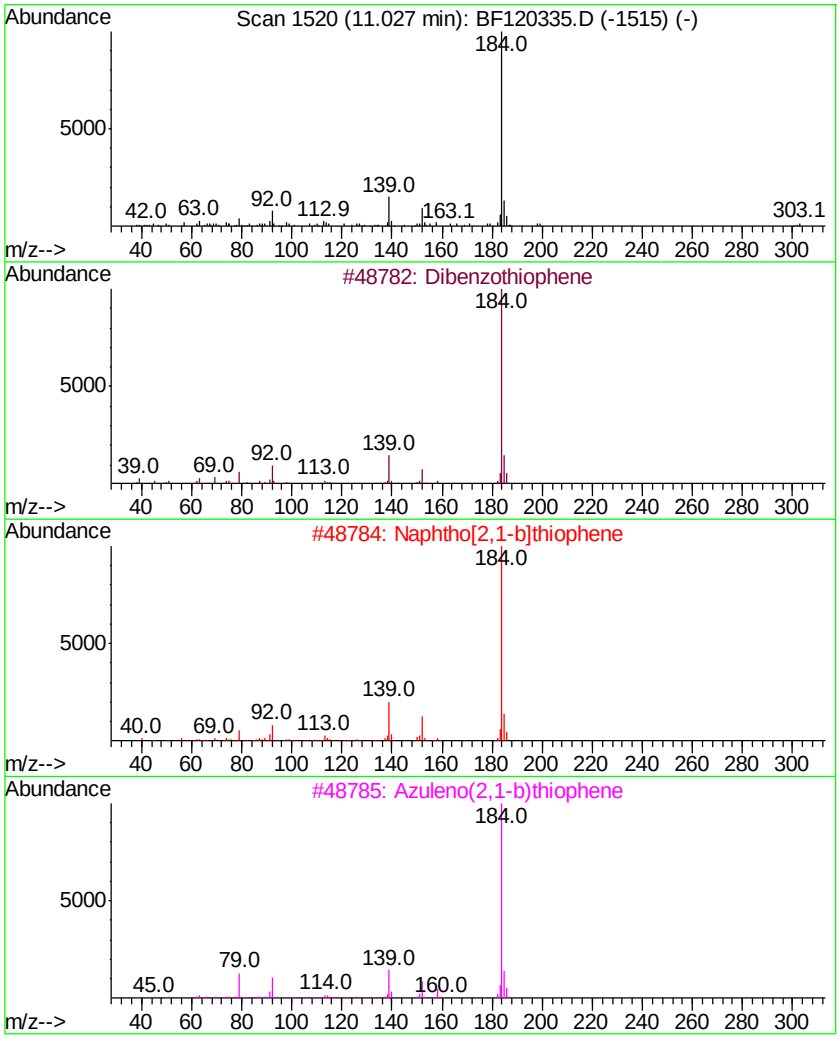
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

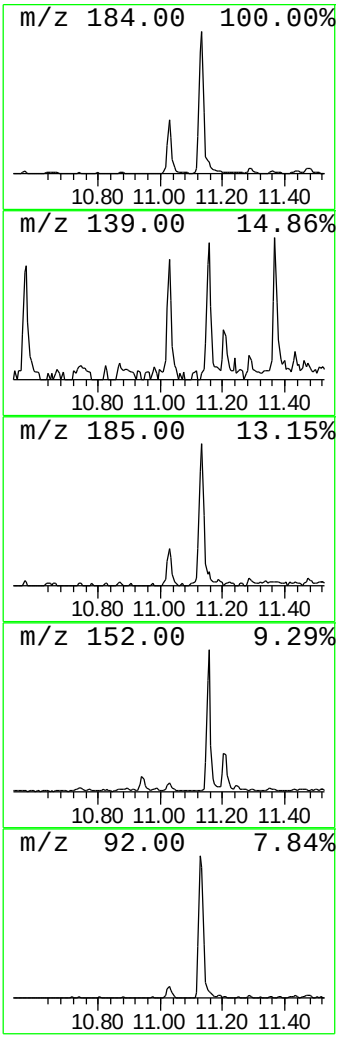
****

Peak Number 2 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.09 ng	174219	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

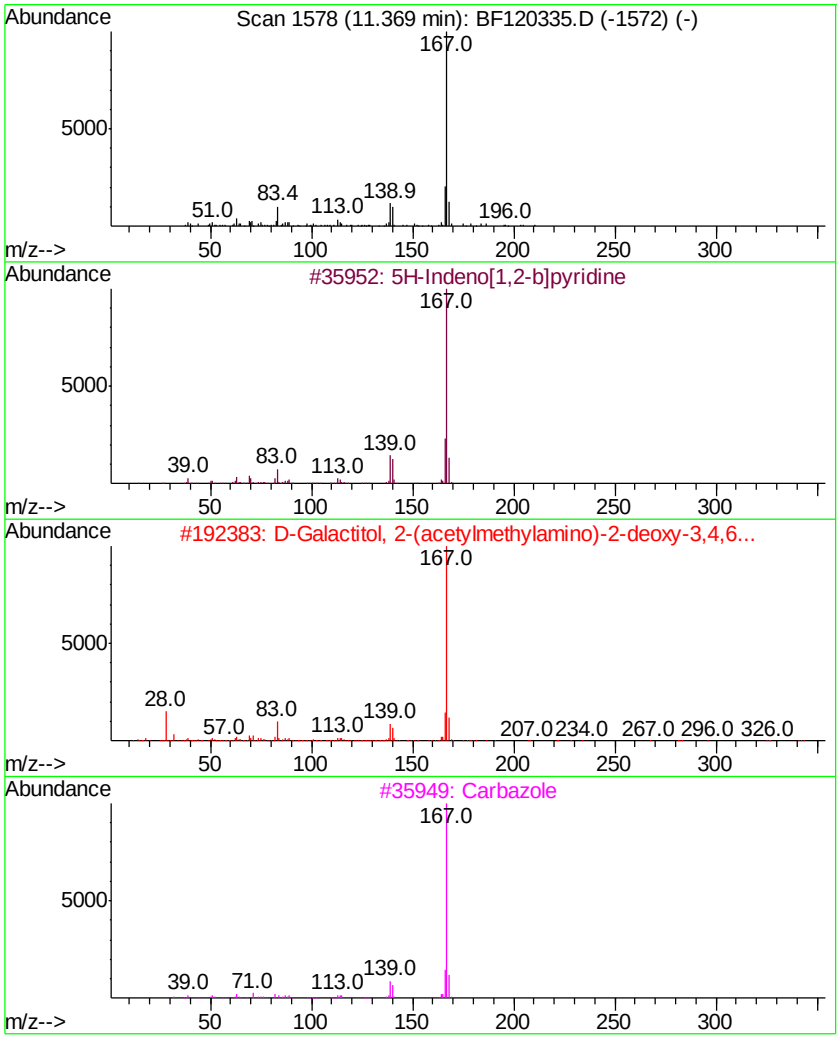
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

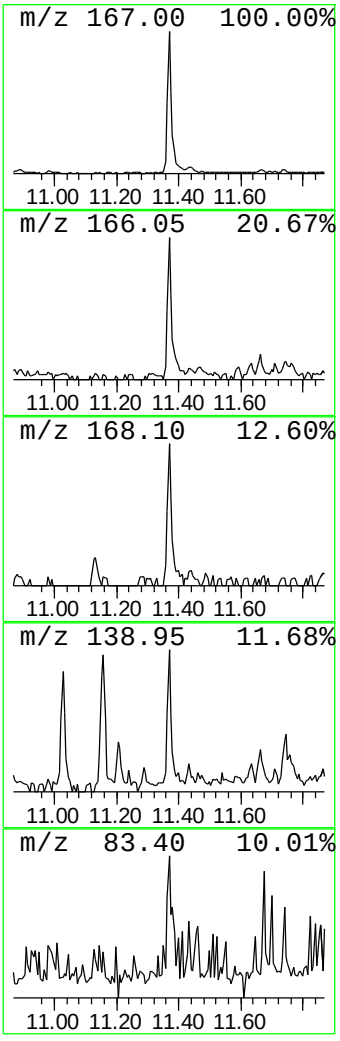
****

Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	2.25 ng	188336	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
2	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	91
3	Carbazole	167	C12H9N	000086-74-8	87
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	72
5	2-Azafluorene	167	C12H9N	000244-40-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

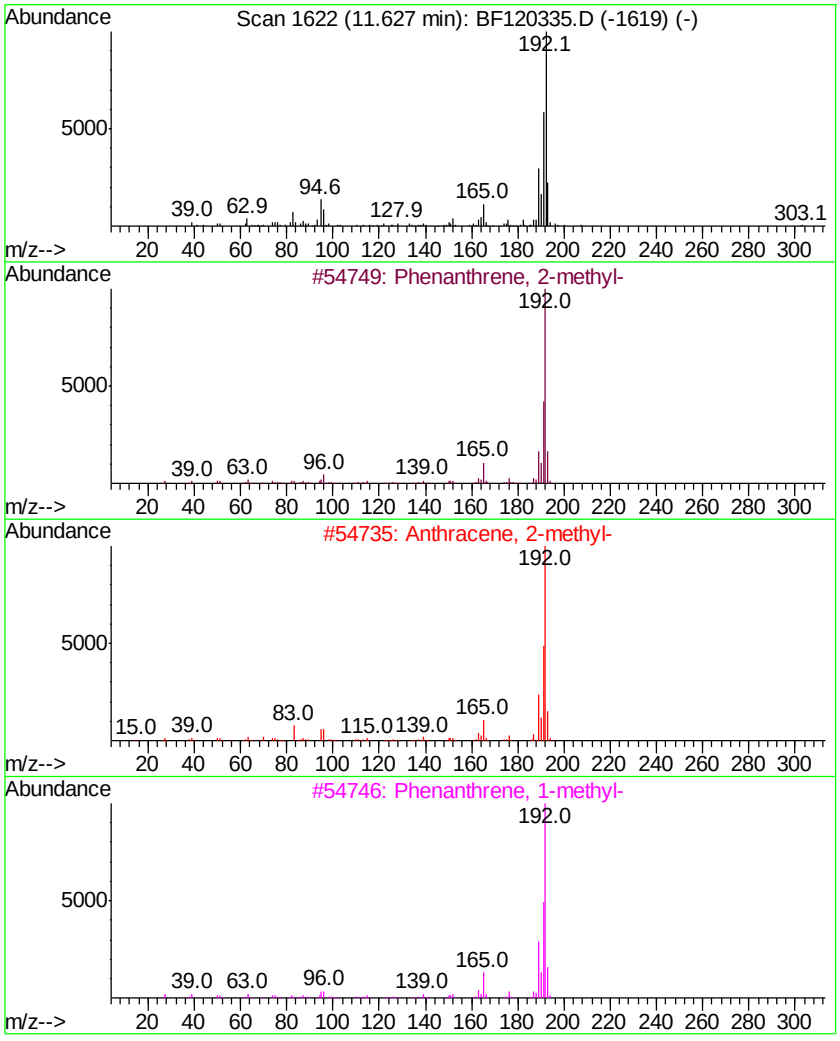
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

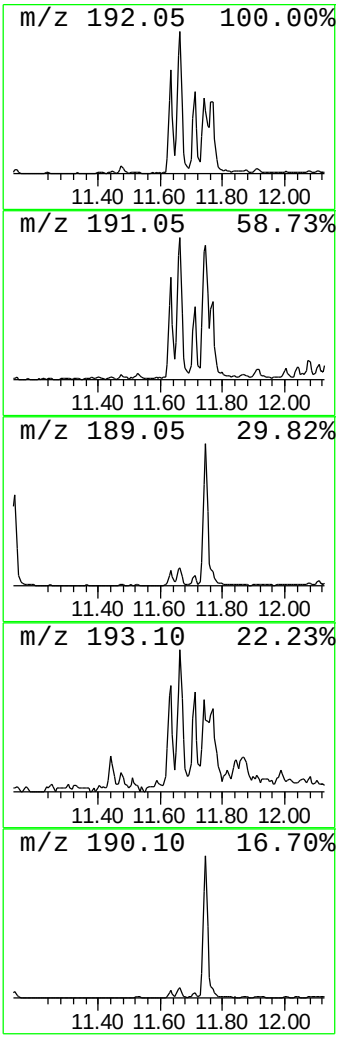
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	2.03 ng	169828	Phenanthrene-d10	11.13

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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Acq On : 15 May 2020 21:35
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Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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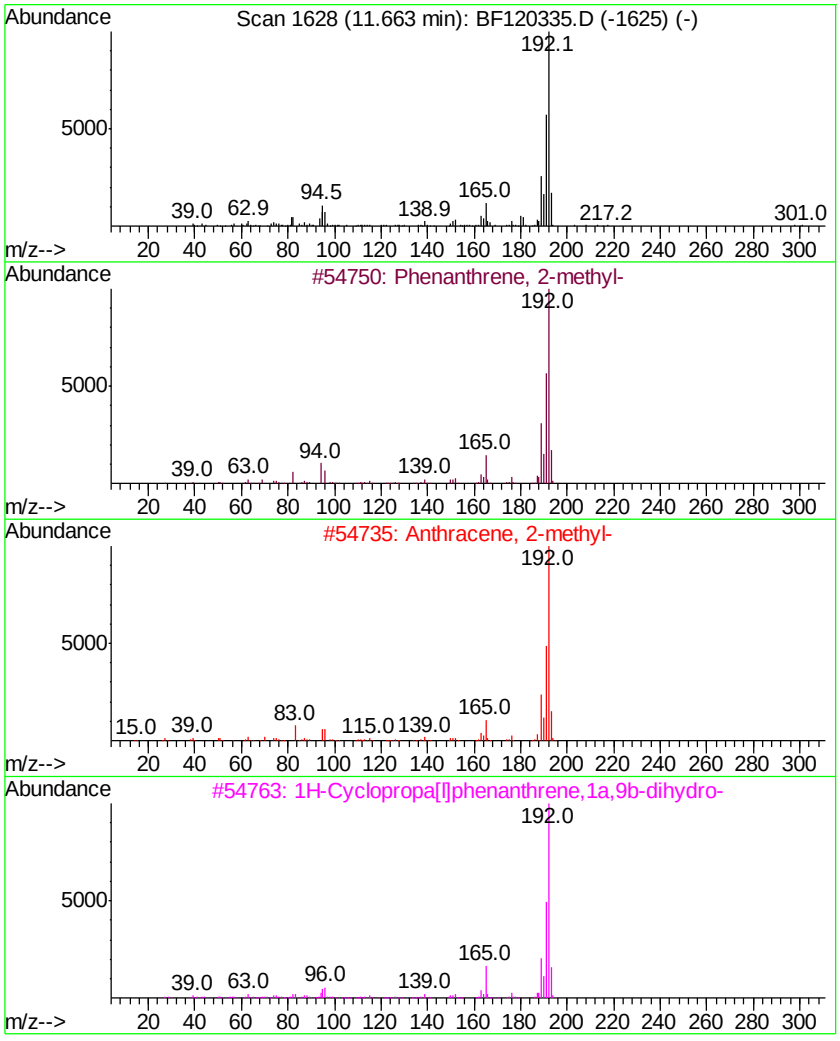
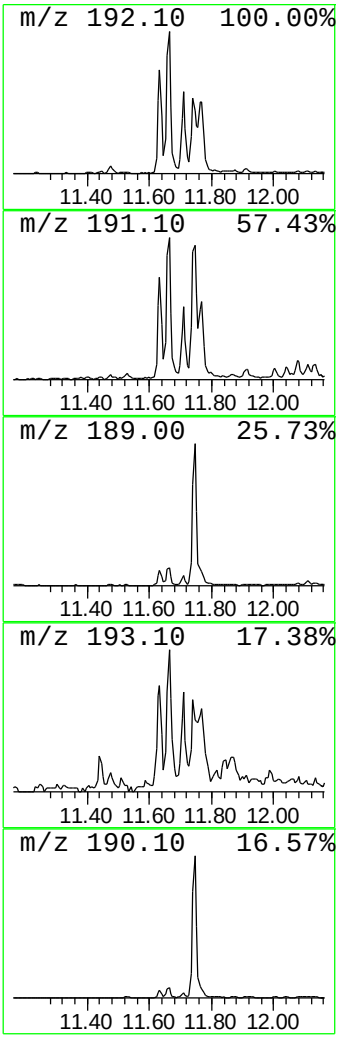
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	3.08 ng	257657	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Library Search Compound Report

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Data File : BF120335.D
Acq On : 15 May 2020 21:35
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

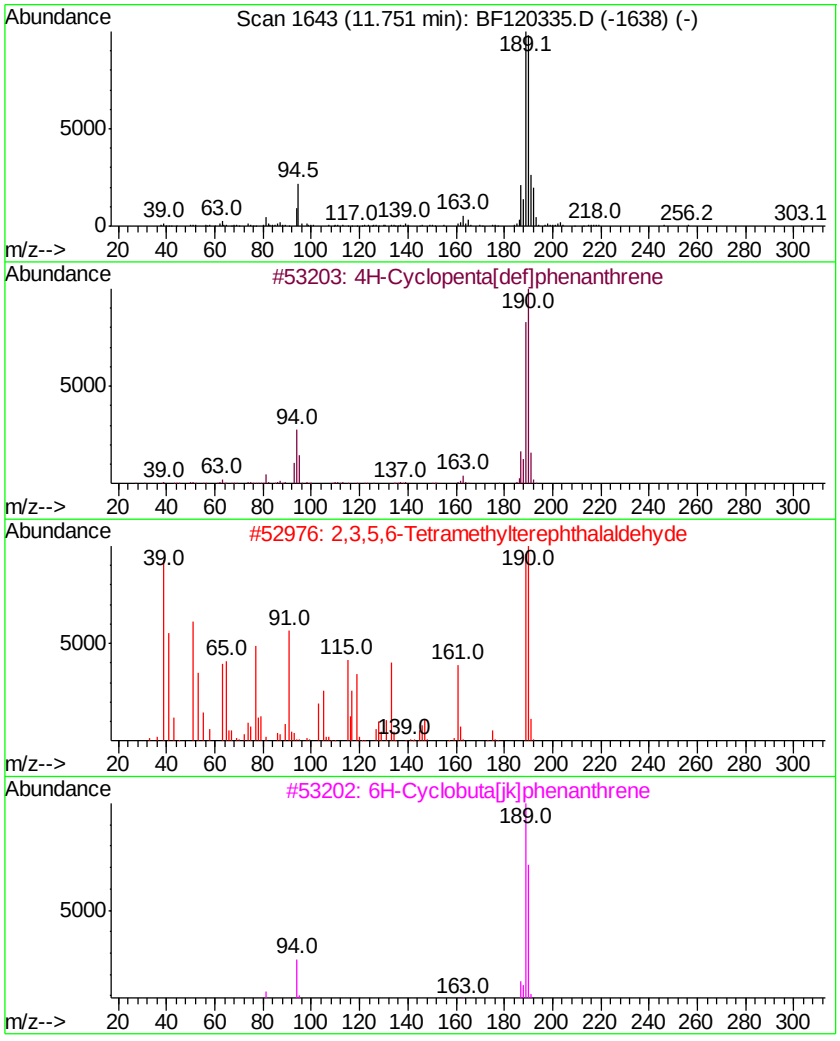
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

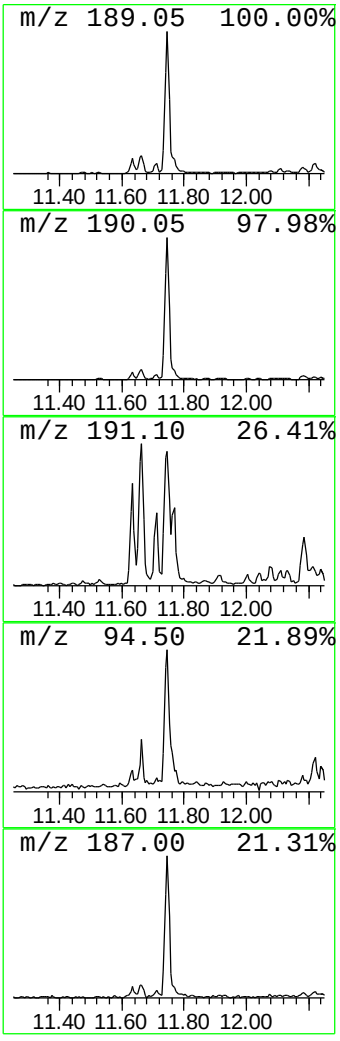
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.97 ng	582748	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





Library Search Compound Report

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Data File : BF120335.D
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Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

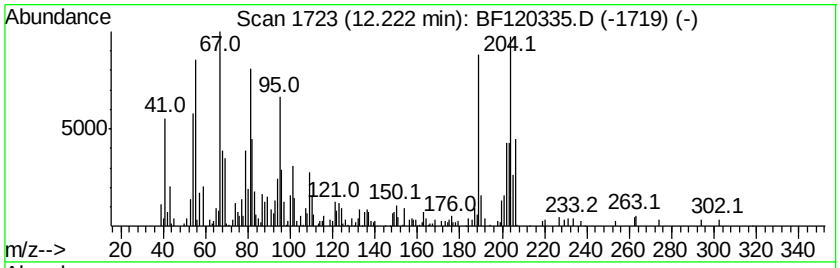
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

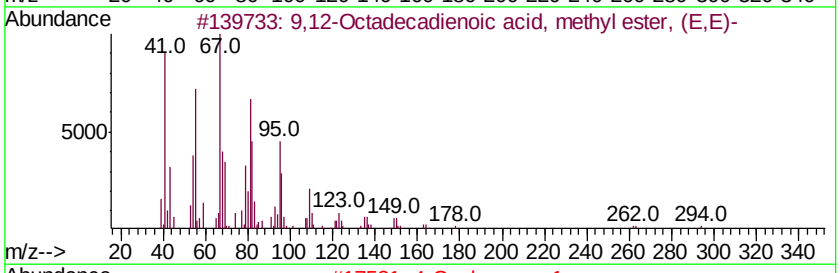
****

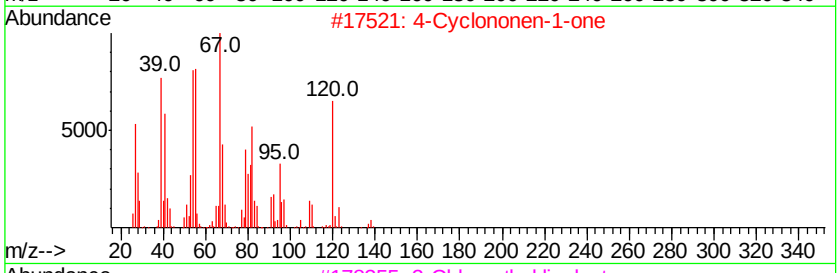
Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 9

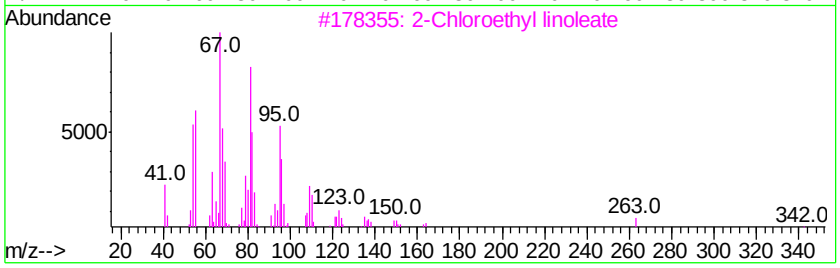
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.91 ng	242745	Phenanthrene-d10	11.13

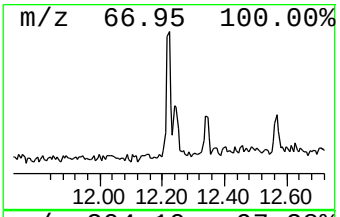
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	91
2	4-Cyclononen-1-one	138	C9H14O	058746-30-8	45
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	42
4	6-Dodecyne	166	C12H22	006975-99-1	42
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38

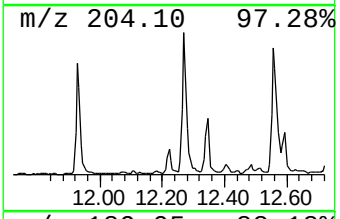


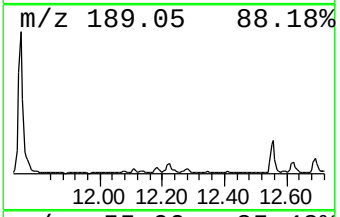


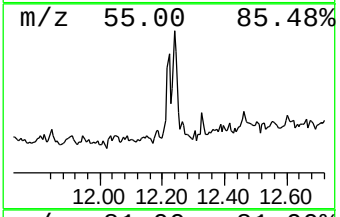


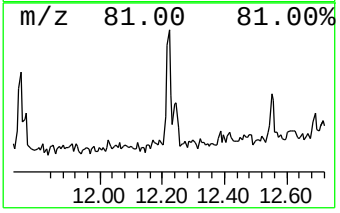












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Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

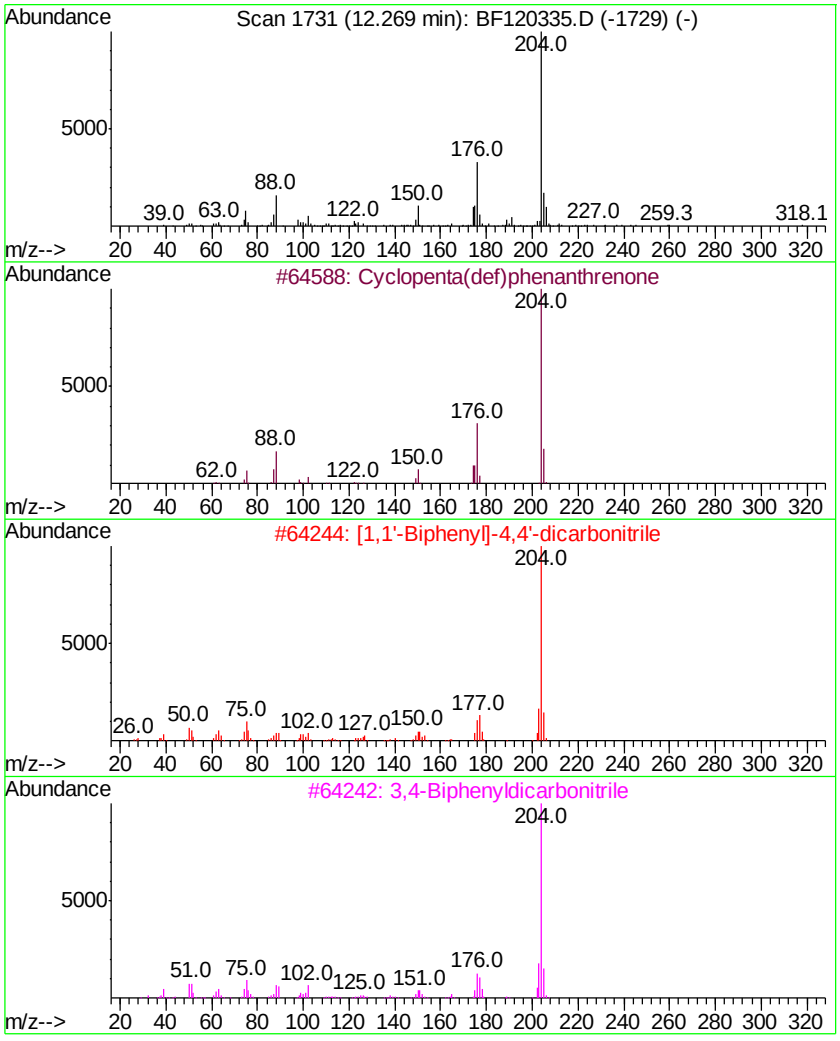
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

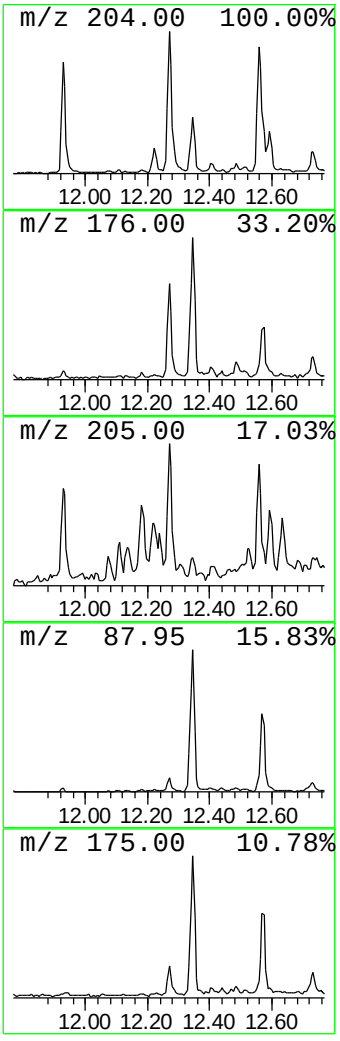
****

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.50 ng	208706	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	56
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
5	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	53





Library Search Compound Report

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Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

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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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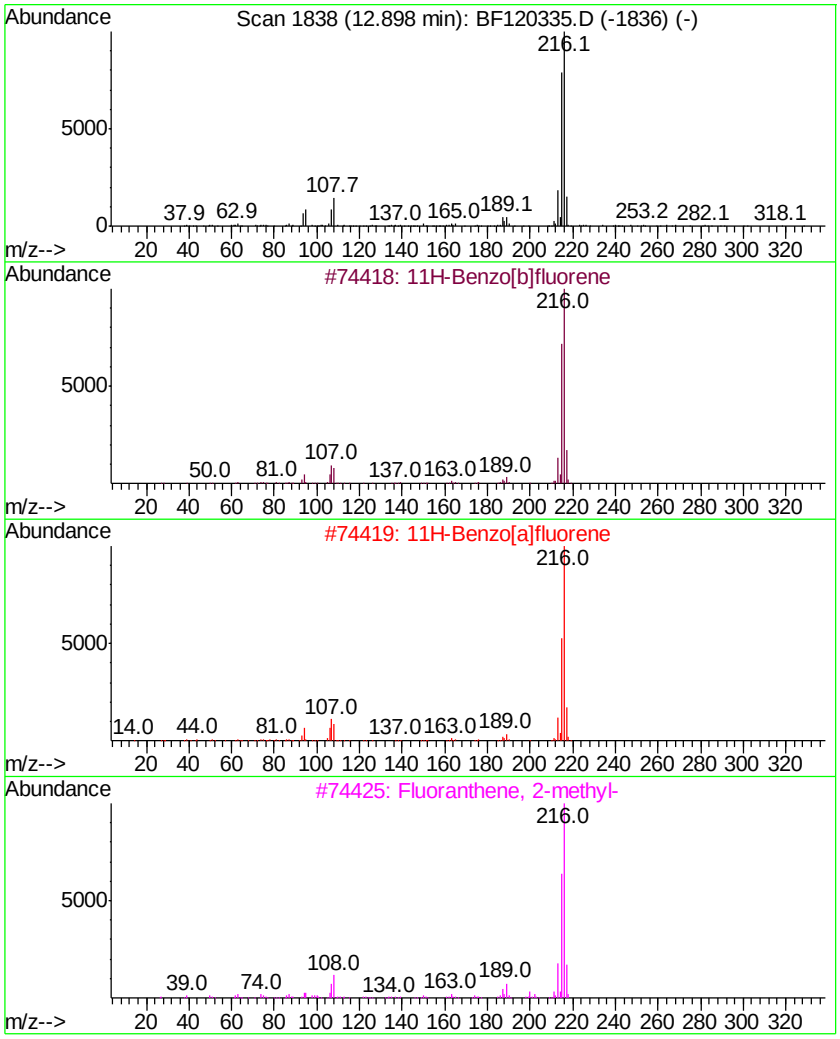
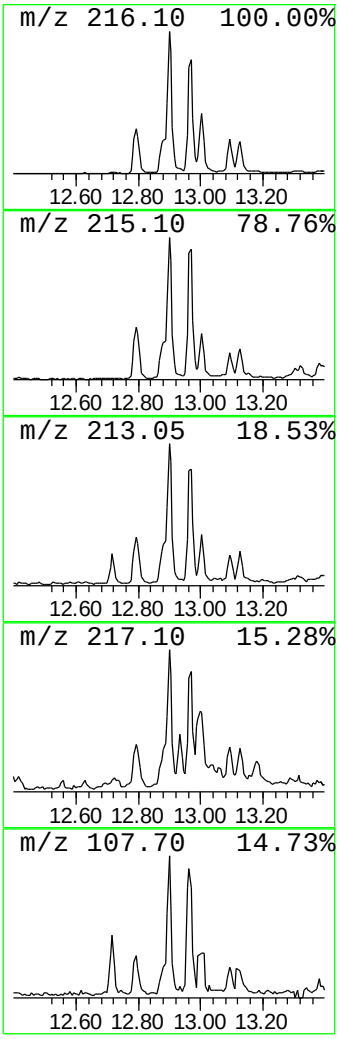
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	3.23 ng	449350	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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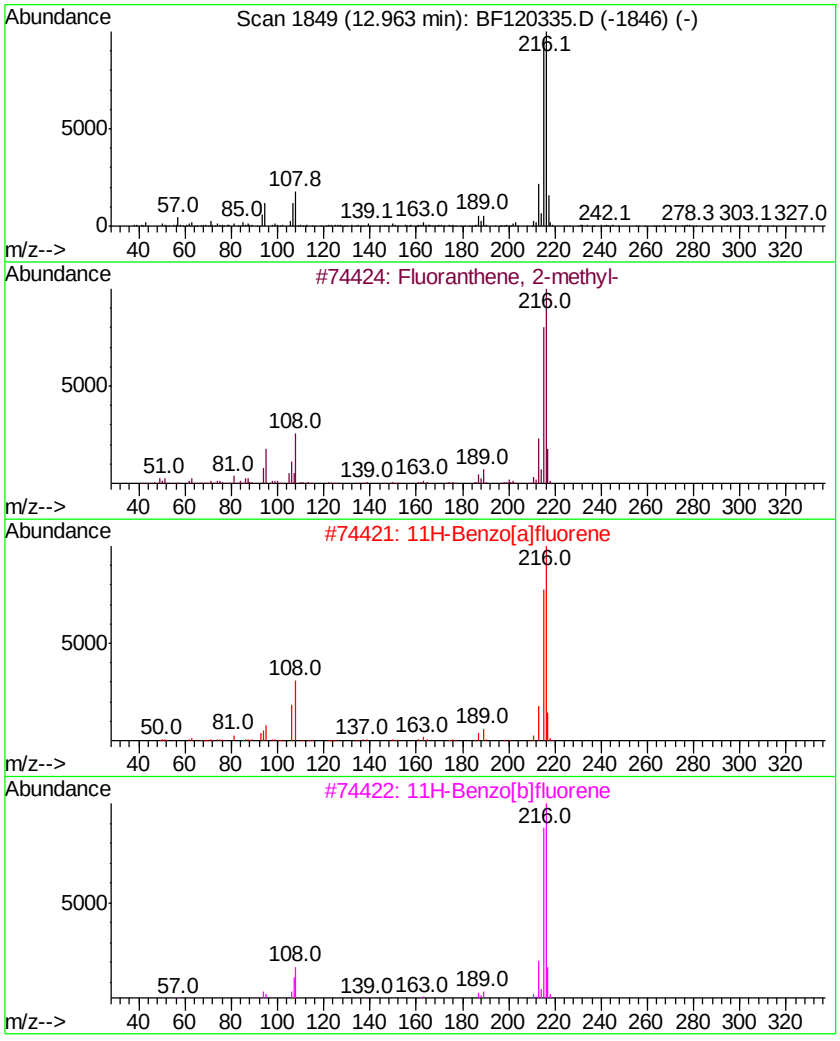
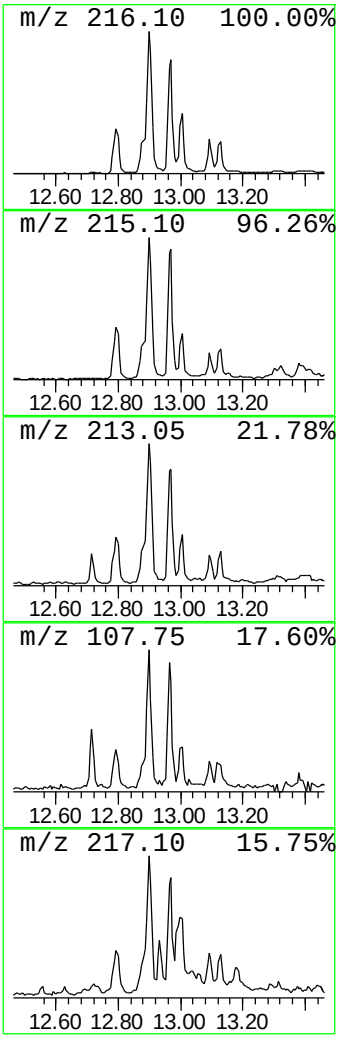
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	3.20 ng	445455	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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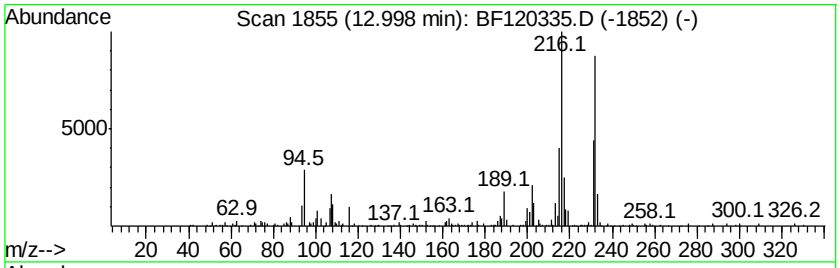
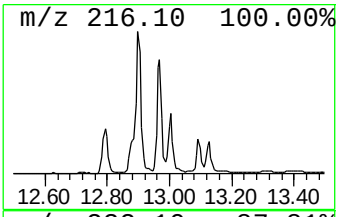
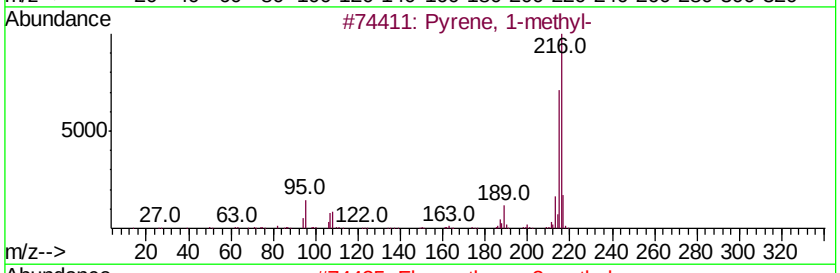
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

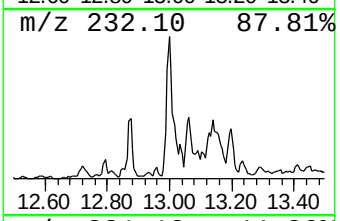
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.24 ng	311980	Chrysene-d12	13.77

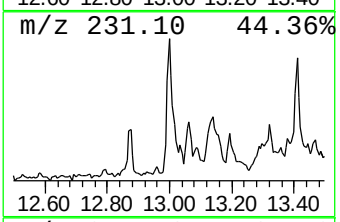
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49

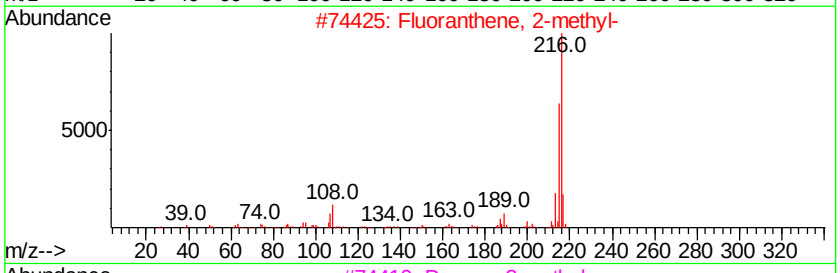


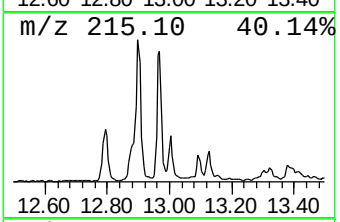


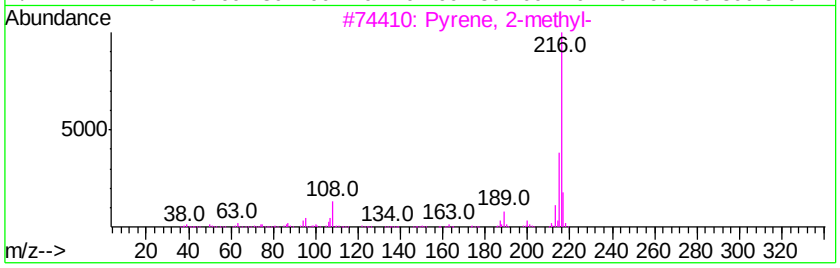


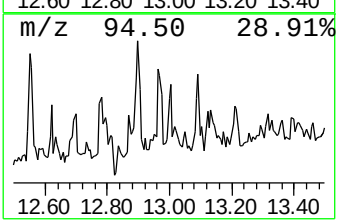












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

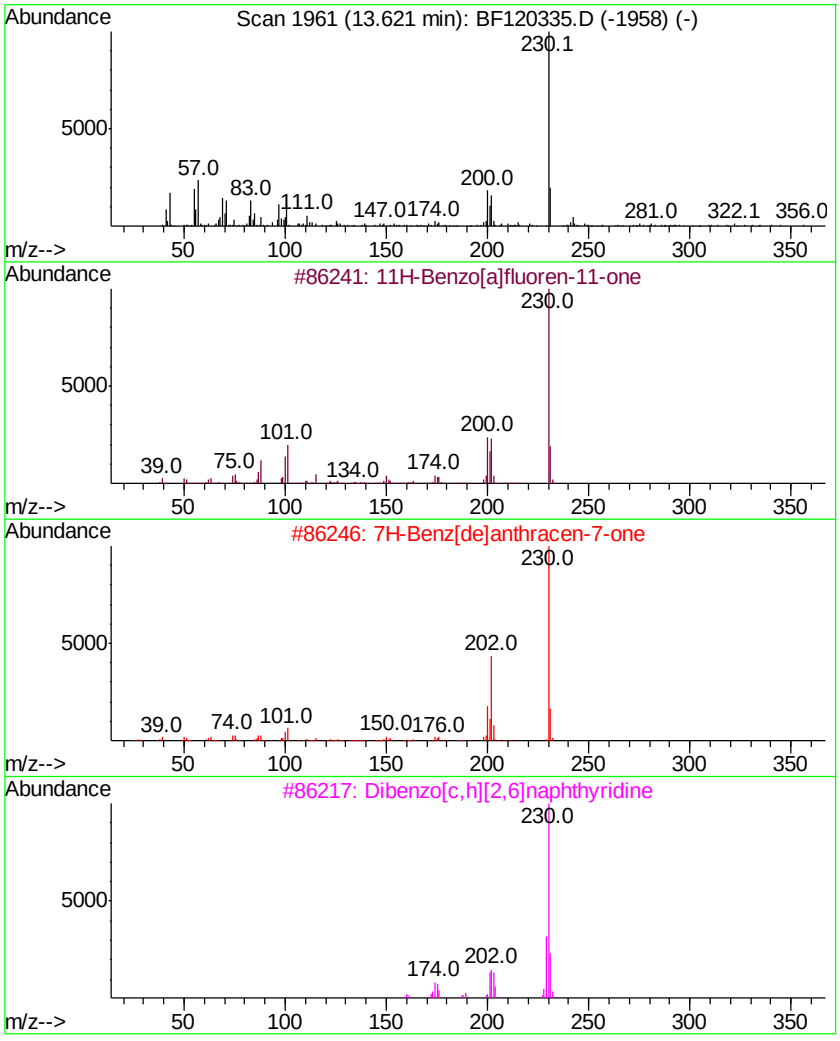
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

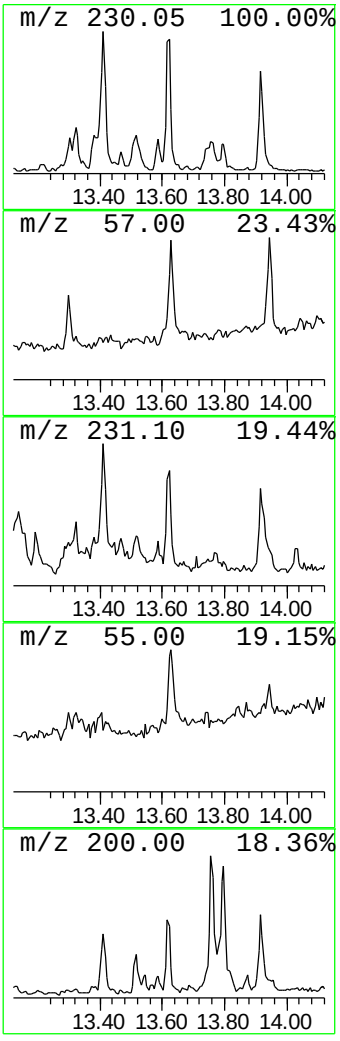
****

Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.64 ng	366705	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50





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Sample : L2505-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

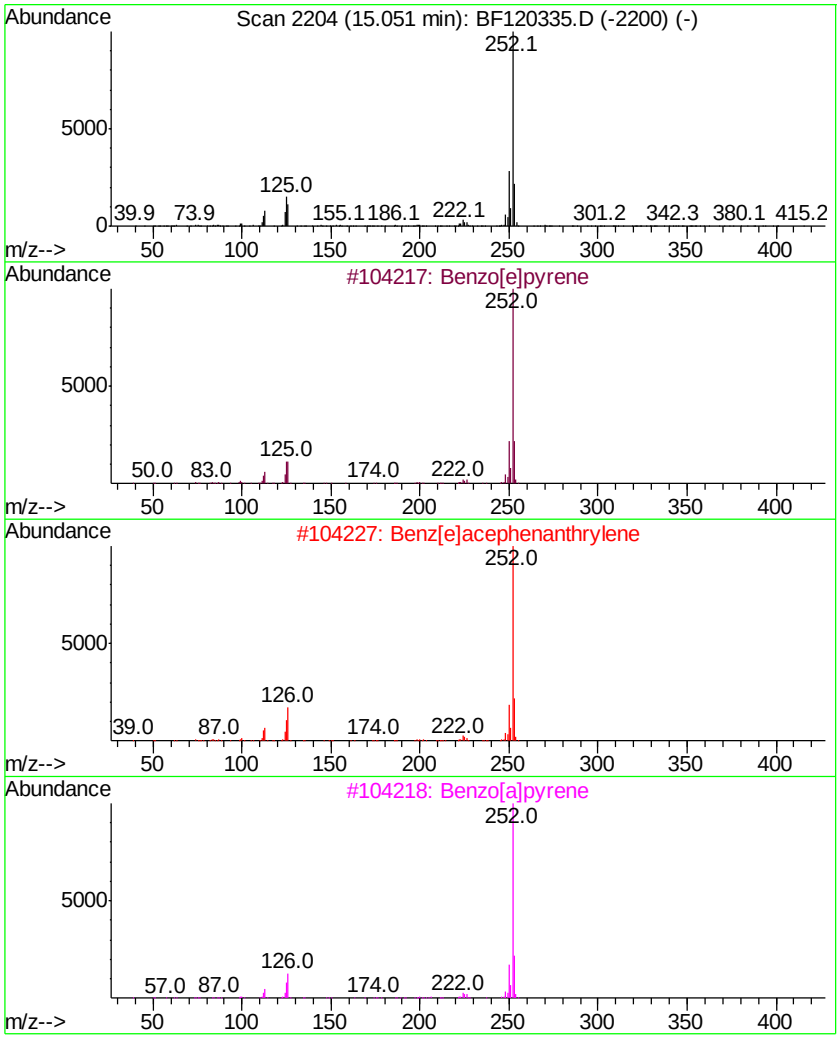
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

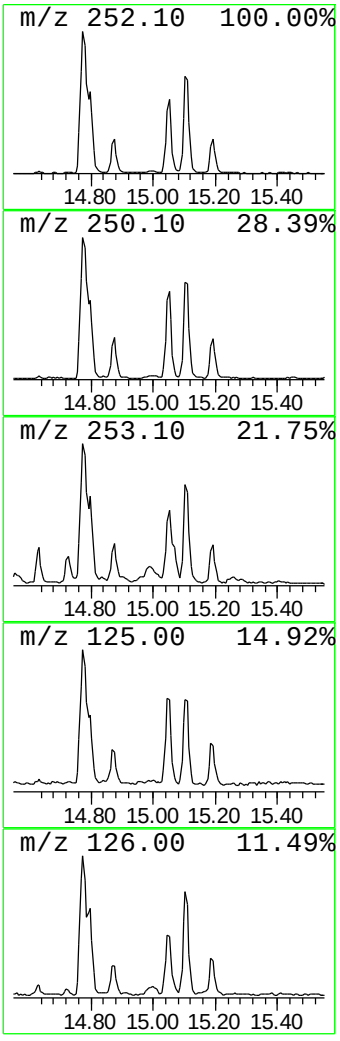
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	21.38 ng	1116800	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	98
4	Perylene	252	C20H12	000198-55-0	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Library Search Compound Report

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Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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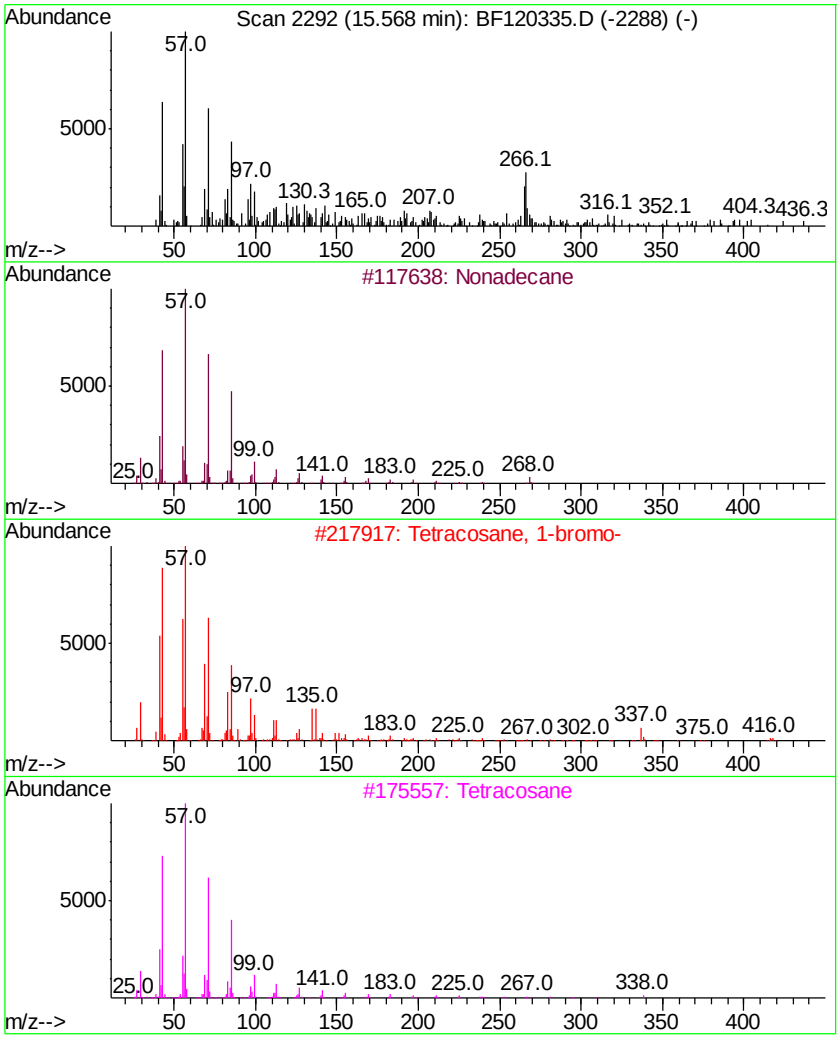
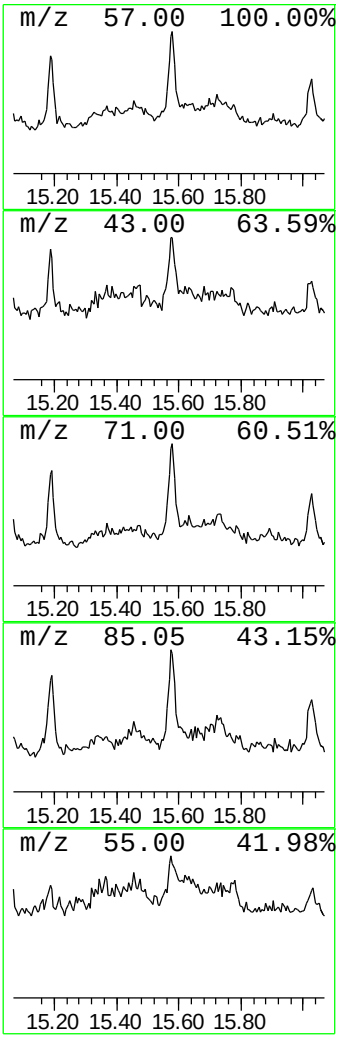
Peak Number 15 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	10.58 ng	552656	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Pentacosane	352	C25H52	000629-99-2	86
5	Octadecane	254	C18H38	000593-45-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051520\
Data File : BF120335.D
Acq On : 15 May 2020 21:35
Operator : MA/SJ
Sample : L2505-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-051220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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
Dibenzothiophene	11.03	2.1	ng	174219	4	11.13	1670980	20.0
5H-Indeno[1,2-b]p...	11.37	2.3	ng	188336	4	11.13	1670980	20.0
Phenanthrene, 2-m...	11.63	2.0	ng	169828	4	11.13	1670980	20.0
Anthracene, 2-met...	11.66	3.1	ng	257657	4	11.13	1670980	20.0
4H-Cyclopenta[def...	11.75	7.0	ng	582748	4	11.13	1670980	20.0
9,12-Octadecadien...	12.22	2.9	ng	242745	4	11.13	1670980	20.0
Cyclopenta(def)ph...	12.27	2.5	ng	208706	4	11.13	1670980	20.0
11H-Benzo[b]fluorene	12.90	3.2	ng	449350	5	13.77	2781460	20.0
Fluoranthene, 2-m...	12.96	3.2	ng	445455	5	13.77	2781460	20.0
Pyrene, 1-methyl-	13.00	2.2	ng	311980	5	13.77	2781460	20.0
11H-Benzo[a]fluor...	13.62	2.6	ng	366705	5	13.77	2781460	20.0
Benzo[e]pyrene	15.05	21.4	ng	1116800	6	15.16	1044710	20.0
Nonadecane	15.57	10.6	ng	552656	6	15.16	1044710	20.0