LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118613.D
Acq On : 21 Jan 2020 1:31
Operator : CG/JU
Sample : L1164-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	7	13	21	rVB	1756443	2382677	29.22%	1.999%
2	5.099	505	512	520	rVB	1203093	1502765	18.43%	1.261%
3	5.498	575	580	584	rBV	6862758	6938864	85.09%	5.821%
4	6.387	728	731	734	rBV	279646	234822	2.88%	0.197%
5	6.504	746	751	754	rBV	7176283	7249585	88.90%	6.082%
6	6.651	771	776	779	rBV	8160064	7520261	92.22%	6.309%
7	6.881	811	815	818	rBV	2873399	2347027	28.78%	1.969%
8	6.910	818	820	823	rVB	140000	109369	1.34%	0.092%
9	7.040	834	842	845	rBV	7320729	6182353	75.81%	5.186%
10	7.169	861	864	872	rVB	174989	207412	2.54%	0.174%
11	7.234	872	875	878	rBV	131523	110702	1.36%	0.093%
12	7.440	905	910	913	rVB	4683256	4239897	51.99%	3.557%
13	8.163	1029	1033	1036	rBV	3347797	2908611	35.67%	2.440%
14	8.187	1036	1037	1041	rVB	389496	199458	2.45%	0.167%
15	8.875	1149	1154	1159	rVB	235600	199056	2.44%	0.167%
16	8.975	1168	1171	1175	rVB	164646	137338	1.68%	0.115%
17	9.239	1212	1216	1219	rBV	9653136	7916447	97.07%	6.641%
18	9.328	1227	1231	1235	rBV2	114195	177445	2.18%	0.149%
19	9.498	1257	1260	1265	rBV	95080	123870	1.52%	0.104%
20	9.575	1268	1273	1276	rBV	142878	153763	1.89%	0.129%
21	9.628	1280	1282	1285	rBV	521958	408342	5.01%	0.343%
22	9.781	1304	1308	1311	rBV	180092	171601	2.10%	0.144%
23	9.857	1318	1321	1324	rVB	124659	95007	1.17%	0.080%
24	9.922	1326	1332	1335	rBV	3312437	3008804	36.90%	2.524%
25	9.951	1335	1337	1340	rVB	710735	536121	6.57%	0.450%
26	10.122	1362	1366	1370	rVB	576051	470661	5.77%	0.395%
27	10.357	1403	1406	1410	rVB2	131451	114477	1.40%	0.096%
28	10.463	1421	1424	1430	rBV	551516	505473	6.20%	0.424%
29	10.533	1431	1436	1437	rBV	82012	94946	1.16%	0.080%
30	10.622	1449	1451	1455	rVB	171440	155441	1.91%	0.130%
31	10.704	1461	1465	1469	rBV	5480239	4857943	59.57%	4.075%
32	10.828	1483	1486	1494	rVB3	266819	362454	4.44%	0.304%
33	11.016	1513	1518	1520	rBV3	102973	129293	1.59%	0.108%
34	11.204	1547	1550	1555	rVB	477611	425146	5.21%	0.357%

LSC Area Percent Report

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Acq On : 21 Jan 2020 1:31
Operator : CG/JU
Sample : L1164-08
Misc :
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Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.304	1564	1567	1572	rVB2	319632	369668	4.53%	0.310%
36	11.404	1580	1584	1586	rBV	3103509	2766698	33.93%	2.321%
37	11.428	1586	1588	1592	rVV	5407831	4860973	59.61%	4.078%
38	11.480	1592	1597	1600	rVV	1707777	1547857	18.98%	1.299%
39	11.510	1600	1602	1606	rVB2	114912	115964	1.42%	0.097%
40	11.628	1617	1622	1625	rBV2	778602	744451	9.13%	0.625%
41	11.704	1632	1635	1638	rBV2	225819	168105	2.06%	0.141%
42	11.733	1638	1640	1643	rBV2	142295	109629	1.34%	0.092%
43	11.904	1666	1669	1671	rBV	490309	456213	5.59%	0.383%
44	11.933	1671	1674	1678	rVB	1609260	1325041	16.25%	1.112%
45	11.980	1679	1682	1685	rVB2	321125	299291	3.67%	0.251%
46	12.016	1685	1688	1691	rBV2	849074	1006056	12.34%	0.844%
47	12.110	1701	1704	1707	rVB2	193511	172370	2.11%	0.145%
48	12.204	1717	1720	1721	rBV	391343	387789	4.76%	0.325%
49	12.222	1721	1723	1728	rVB2	446141	394164	4.83%	0.331%
50	12.333	1740	1742	1744	rBV	140576	143181	1.76%	0.120%
51	12.380	1748	1750	1752	rBV	136224	150110	1.84%	0.126%
52	12.457	1760	1763	1766	rBV2	431787	451439	5.54%	0.379%
53	12.539	1774	1777	1782	rVB2	317659	308378	3.78%	0.259%
54	12.622	1787	1791	1794	rVV	7055597	6199688	76.02%	5.201%
55	12.716	1804	1807	1810	rBV3	343314	433190	5.31%	0.363%
56	12.851	1823	1830	1832	rBV2	5569238	6517681	79.92%	5.468%
57	12.963	1847	1849	1850	rBV	422693	353306	4.33%	0.296%
58	12.992	1850	1854	1862	rVB	8434372	8154995	100.00%	6.841%
59	13.174	1883	1885	1888	rVB	611972	532968	6.54%	0.447%
60	13.227	1892	1894	1899	rVB3	436489	592473	7.27%	0.497%
61	13.280	1900	1903	1905	rBV2	574447	575368	7.06%	0.483%
62	13.680	1968	1971	1975	rVB	783086	829384	10.17%	0.696%
63	13.886	2003	2006	2011	rVB3	2377559	2433656	29.84%	2.042%
64	14.039	2028	2032	2036	rBV3	4418698	6486172	79.54%	5.441%
65	14.074	2036	2038	2040	rVB	2625738	2018372	24.75%	1.693%
66	14.521	2112	2114	2117	rVB3	1215241	980067	12.02%	0.822%
67	15.098	2209	2212	2215	rBV	1968149	2887231	35.40%	2.422%
68	15.404	2261	2264	2270	rVB	1718682	2253932	27.64%	1.891%

Sum of corrected areas: 119203291

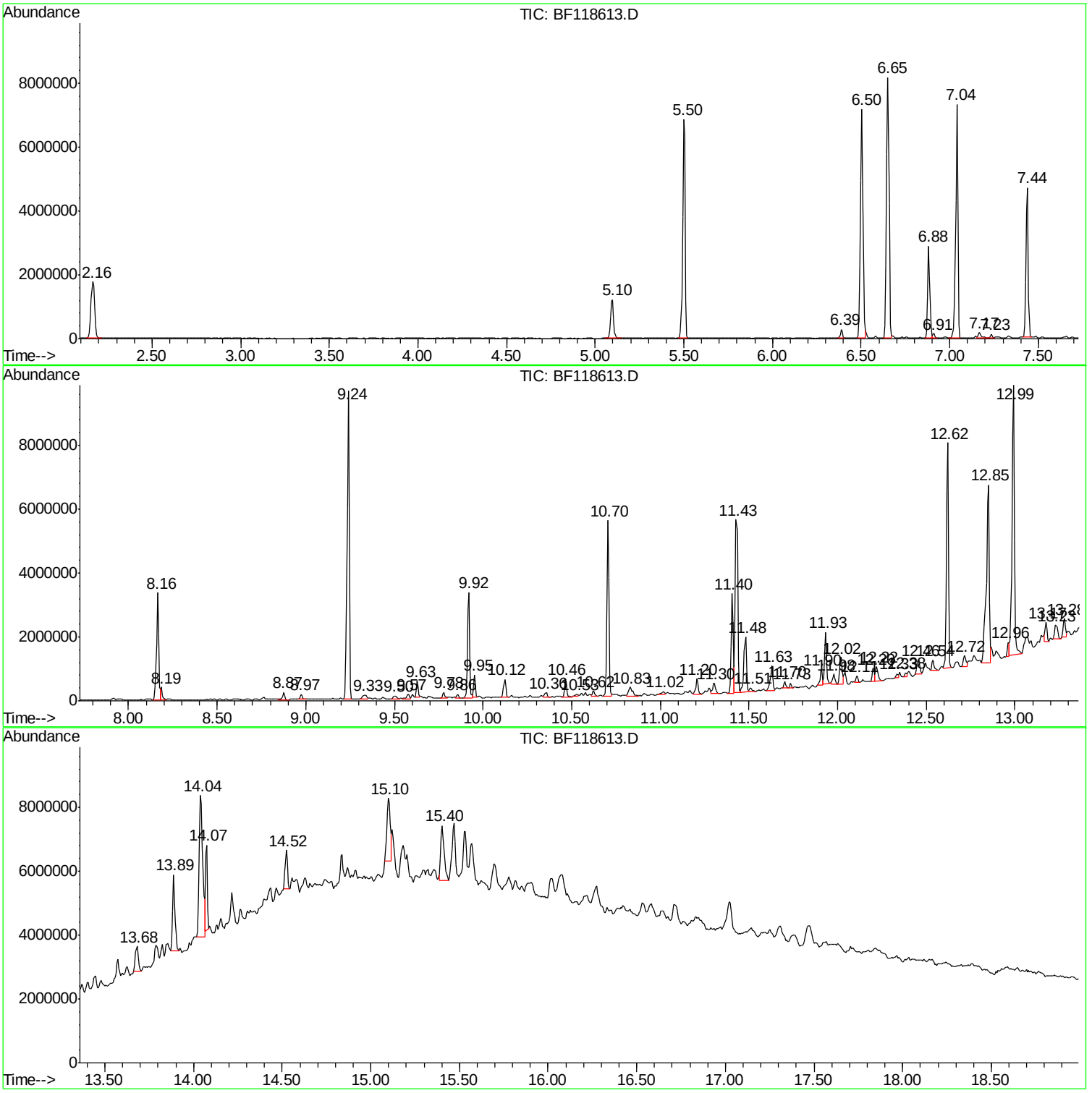
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118613.D
Acq On : 21 Jan 2020 1:31
Operator : CG/JU
Sample : L1164-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF012020\
Data File : BF118613.D
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Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

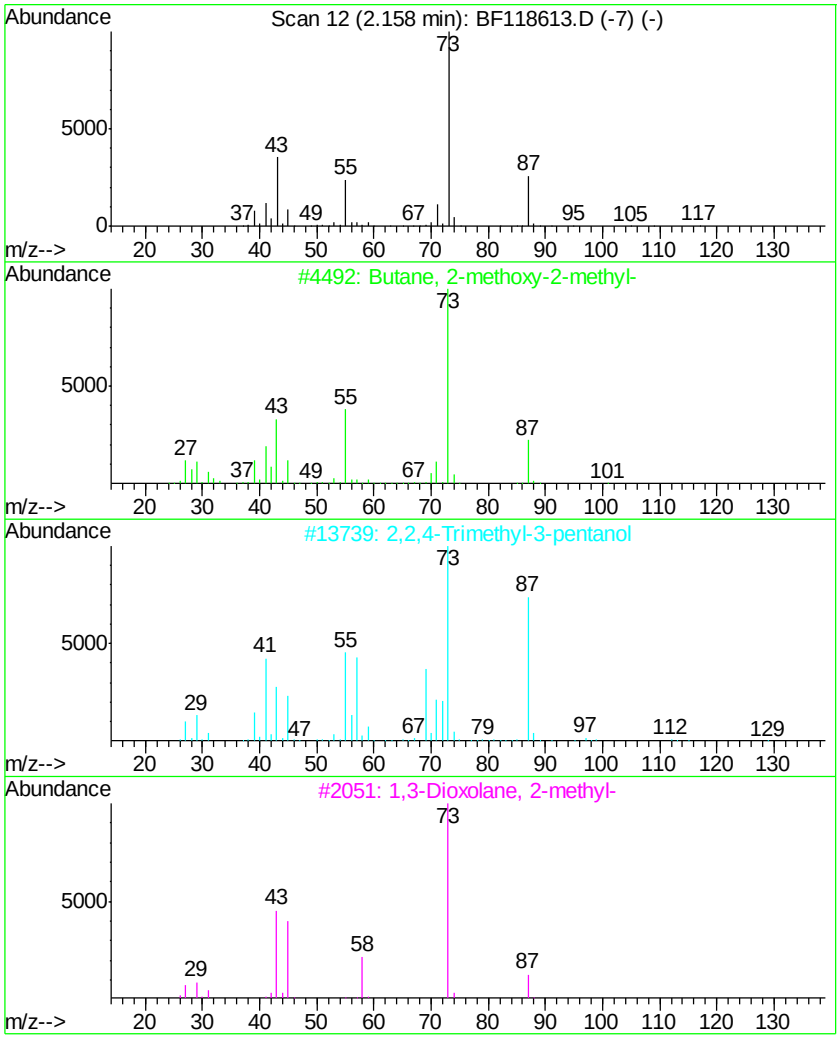
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

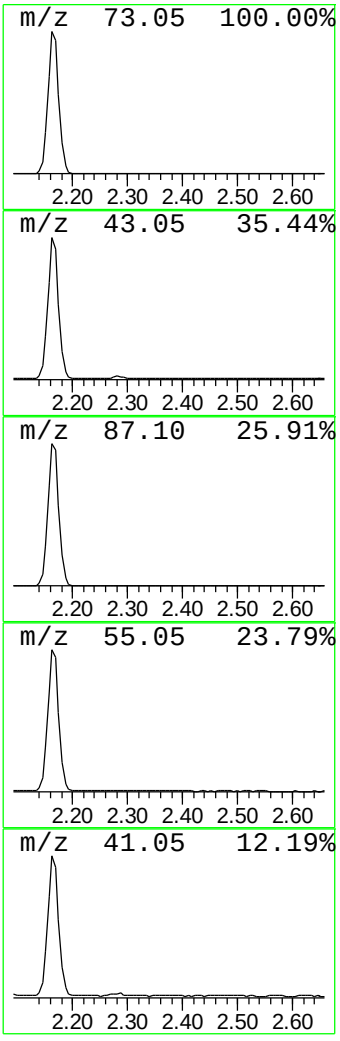
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	20.30 ng	2382680	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118613.D
Acq On : 21 Jan 2020 1:31
Operator : CG/JU
Sample : L1164-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

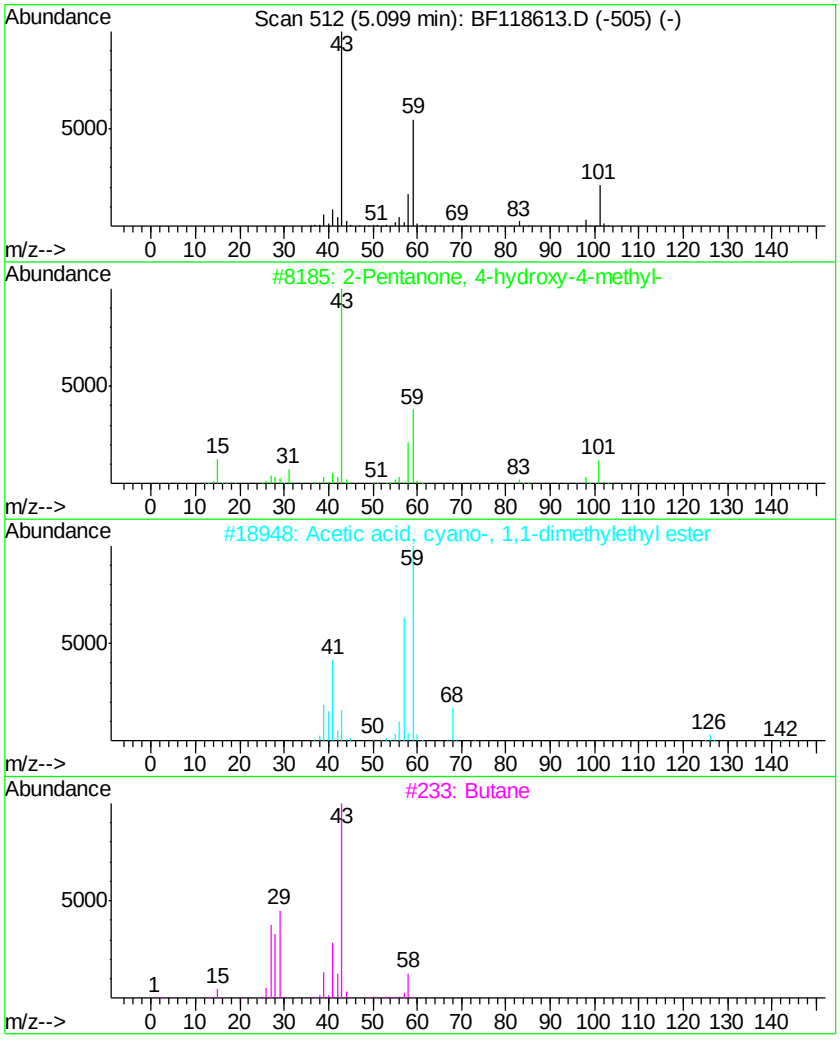
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

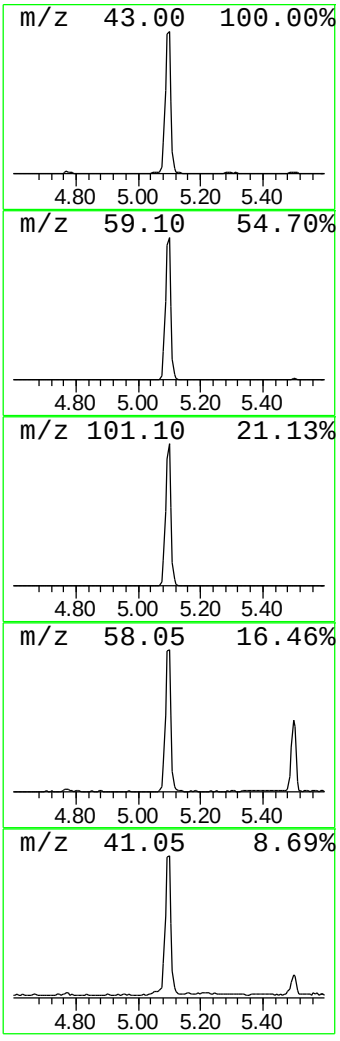
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	12.81 ng	1502770	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane	58	C4H10	000106-97-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1,2-Butanediol	90	C4H10O2	000584-03-2	9





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

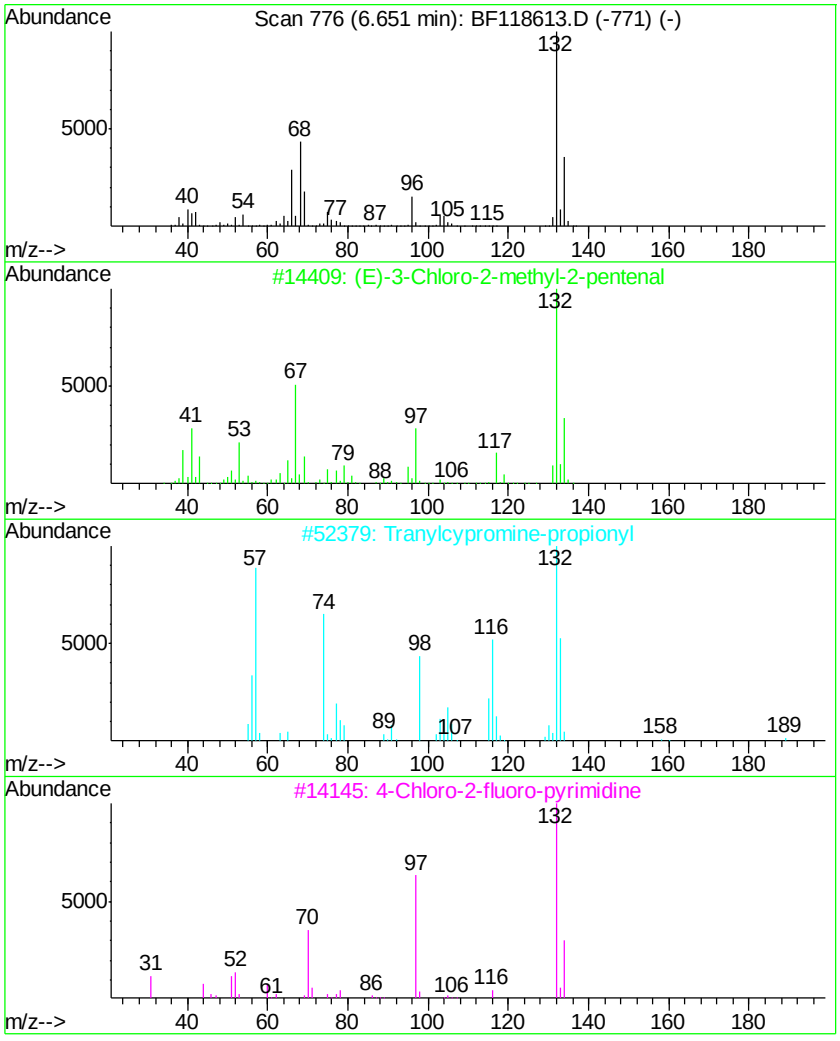
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

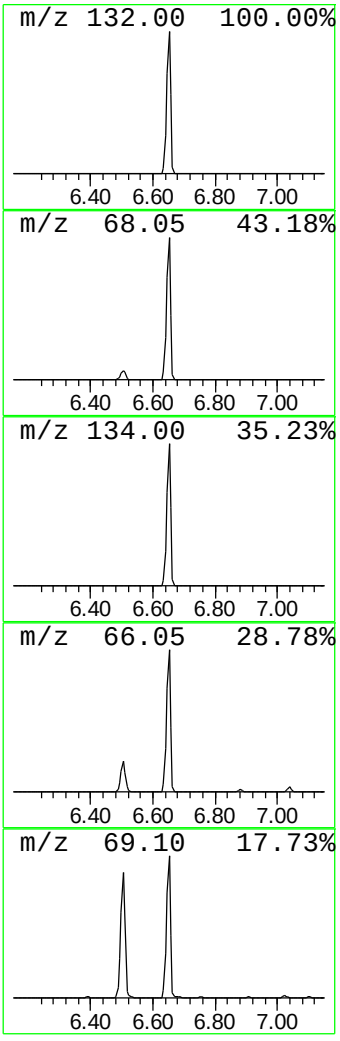
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	64.08 ng	7520260	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
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ClientSampleId : QVD-SB-BC-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
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TIC Library : C:\DATABASE\NIST11.L
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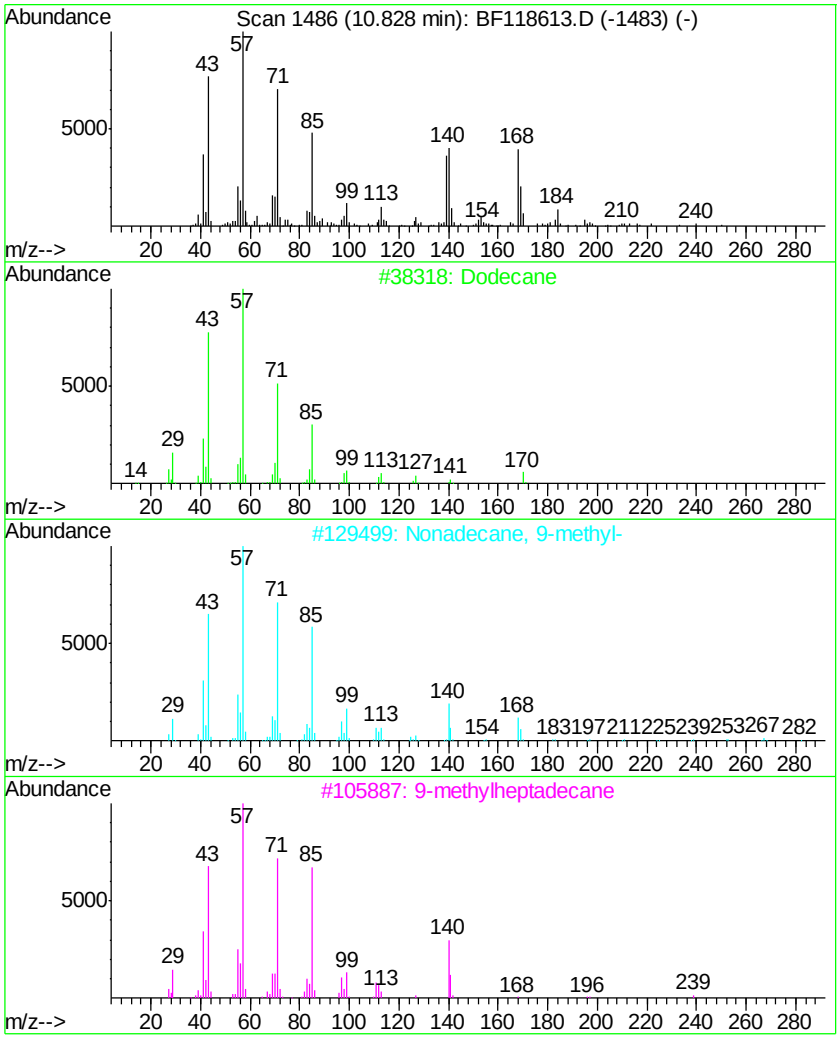
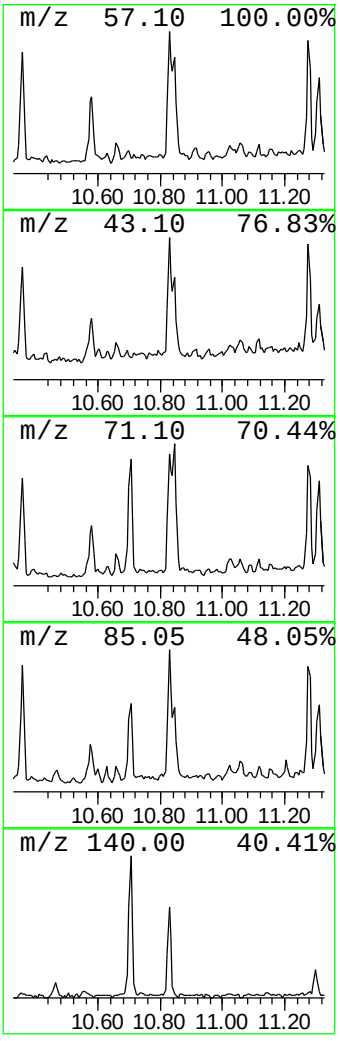
****

Peak Number 5 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	2.62 ng	362454	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	60
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	43
3	9-methylheptadecane	254	C18H38	026741-18-4	38
4	Octacosane	394	C28H58	000630-02-4	38
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

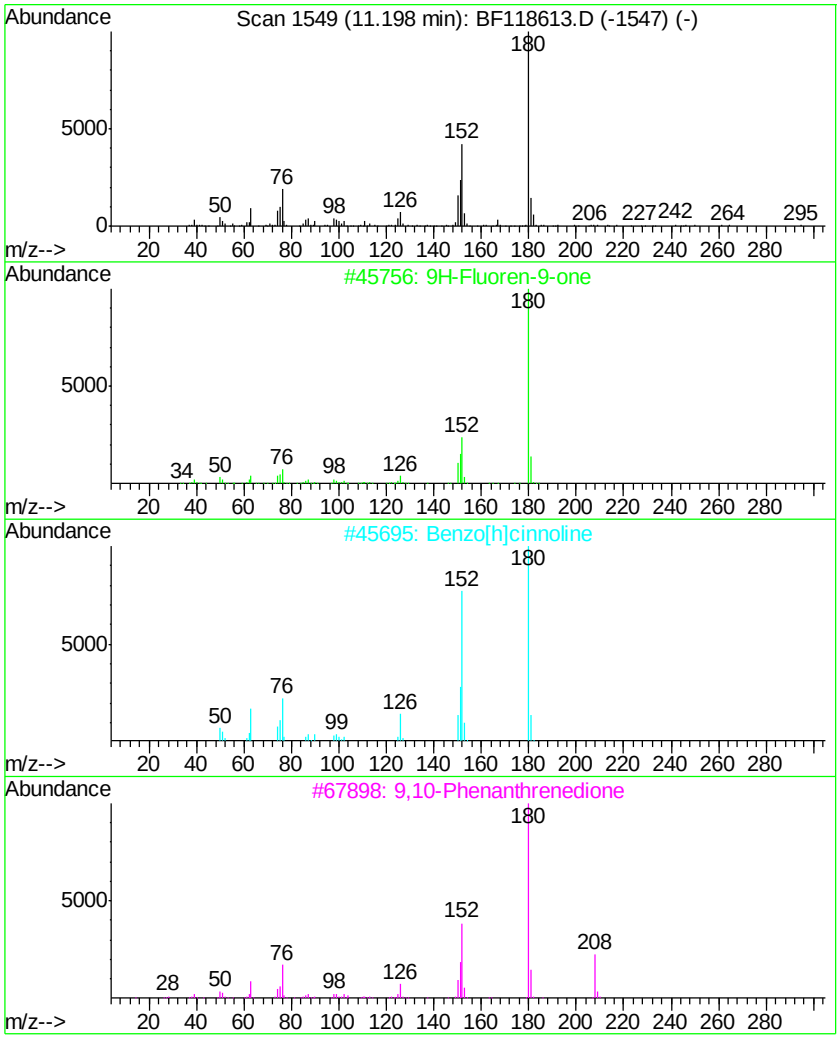
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

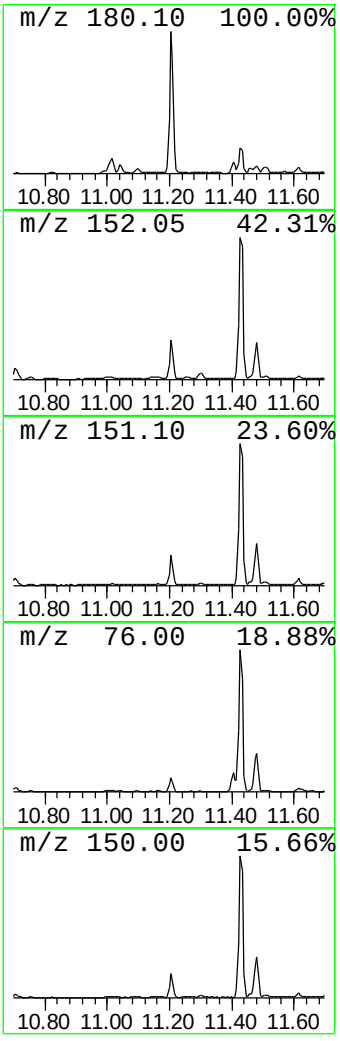
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	3.07 ng	425146	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
5	Diphenic anhydride	224	C14H8O3	006050-13-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118613.D
Acq On : 21 Jan 2020 1:31
Operator : CG/JU
Sample : L1164-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

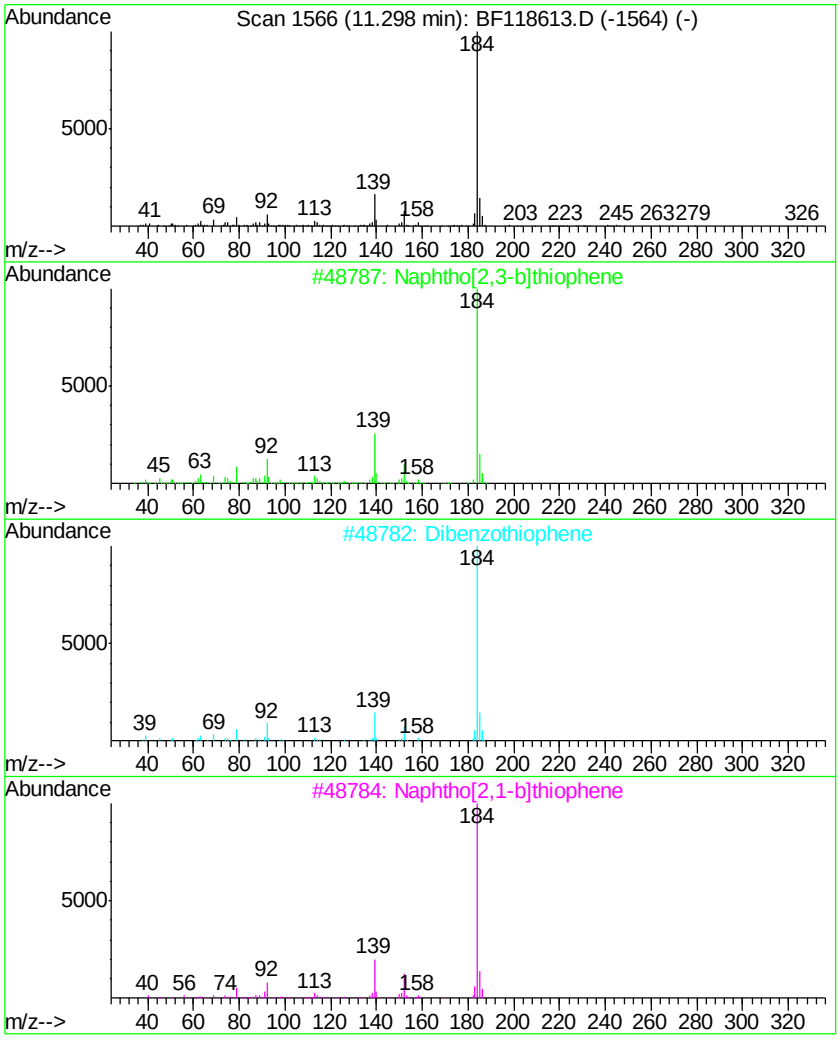
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

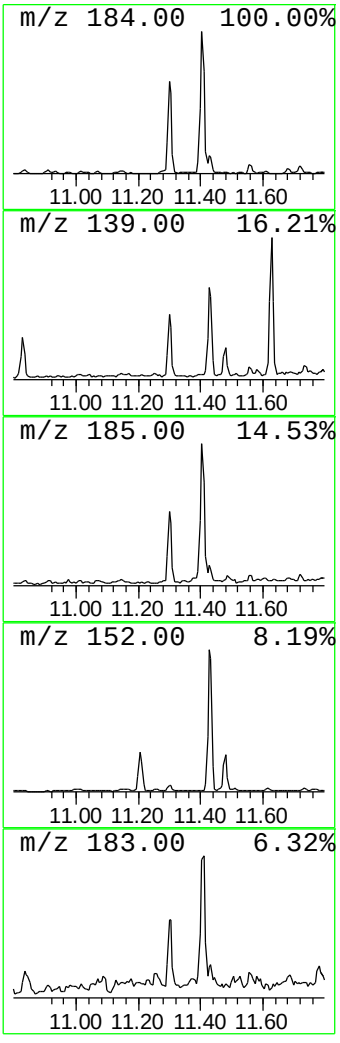
****

Peak Number 7 Naphtho[2,3-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	2.67 ng	369668	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118613.D
Acq On : 21 Jan 2020 1:31
Operator : CG/JU
Sample : L1164-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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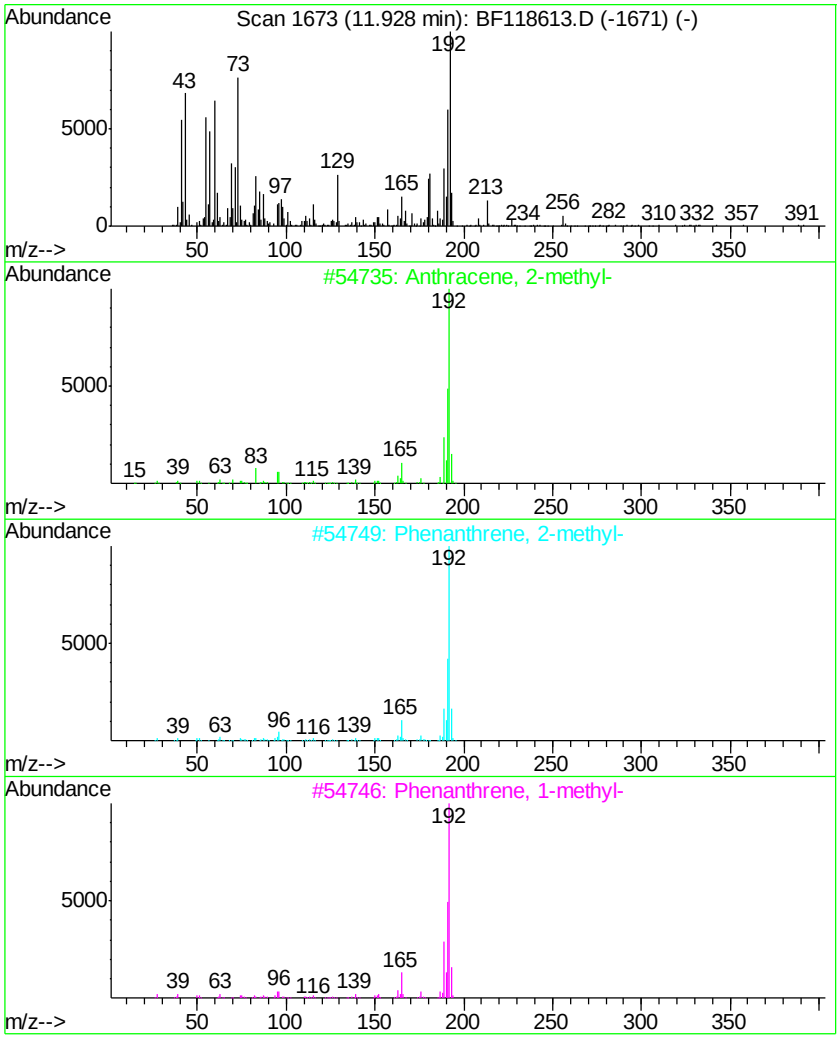
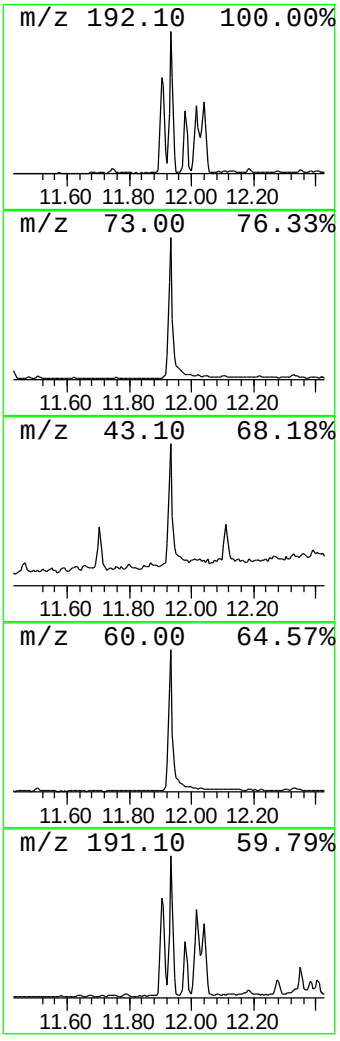
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	9.58 ng	1325040	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 21 Jan 2020 1:31
Operator : CG/JU
Sample : L1164-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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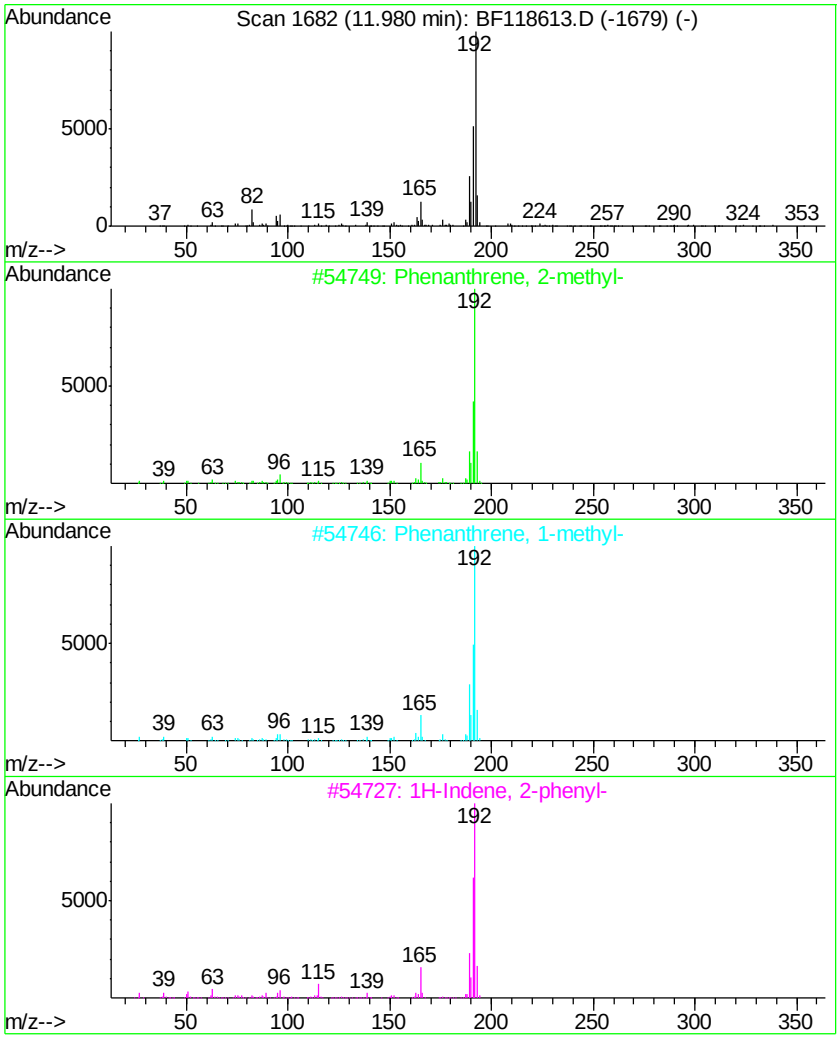
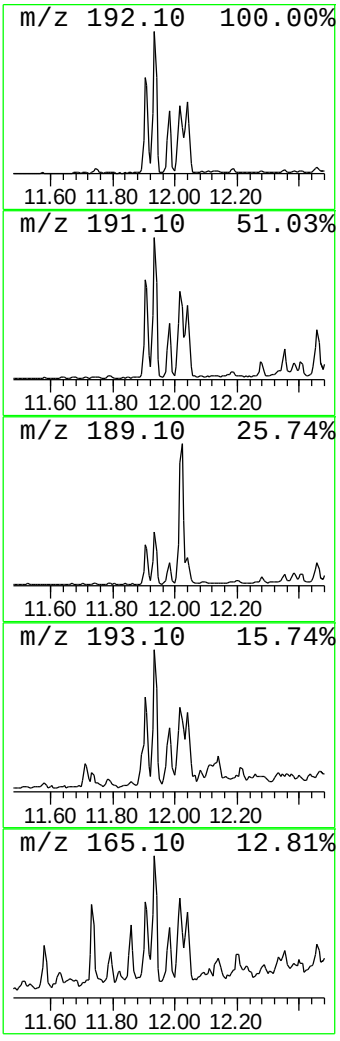
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.16 ng	299291	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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ClientSampleId : QVD-SB-BC-0-5

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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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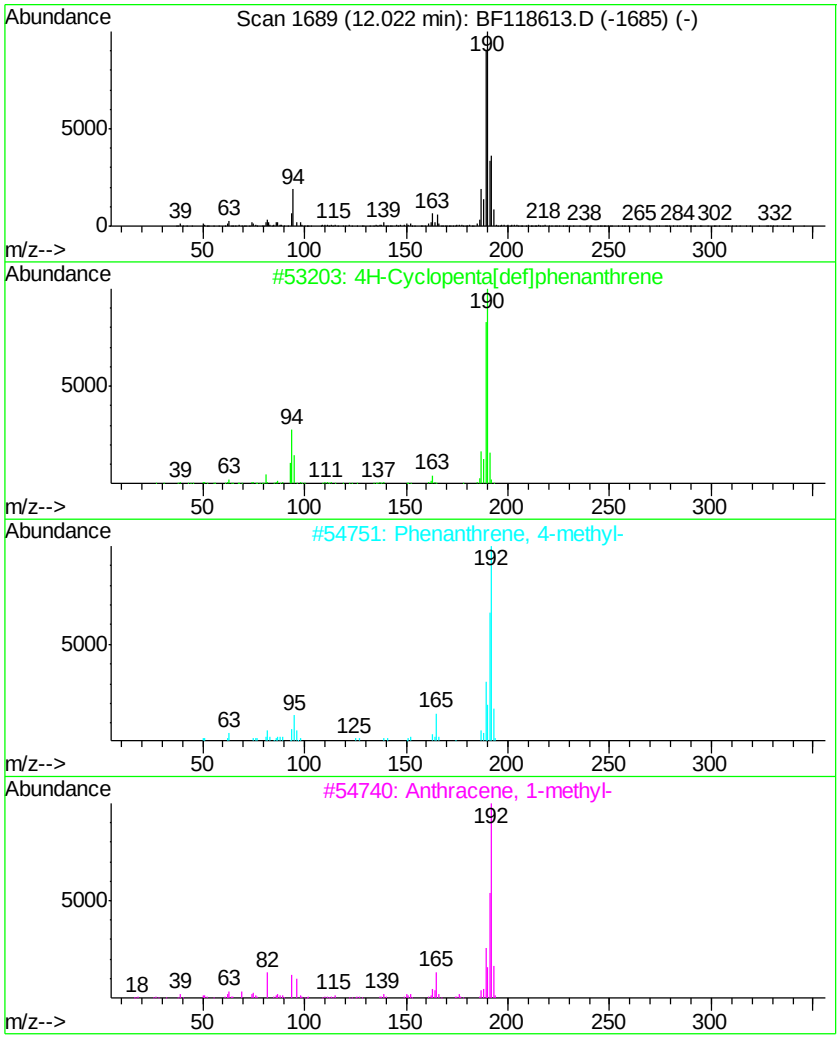
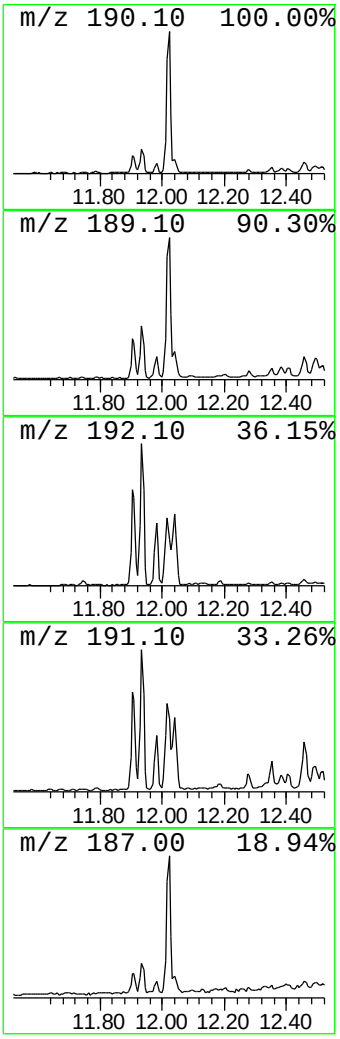
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	7.27 ng	1006060	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25
5	1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	25





Library Search Compound Report

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

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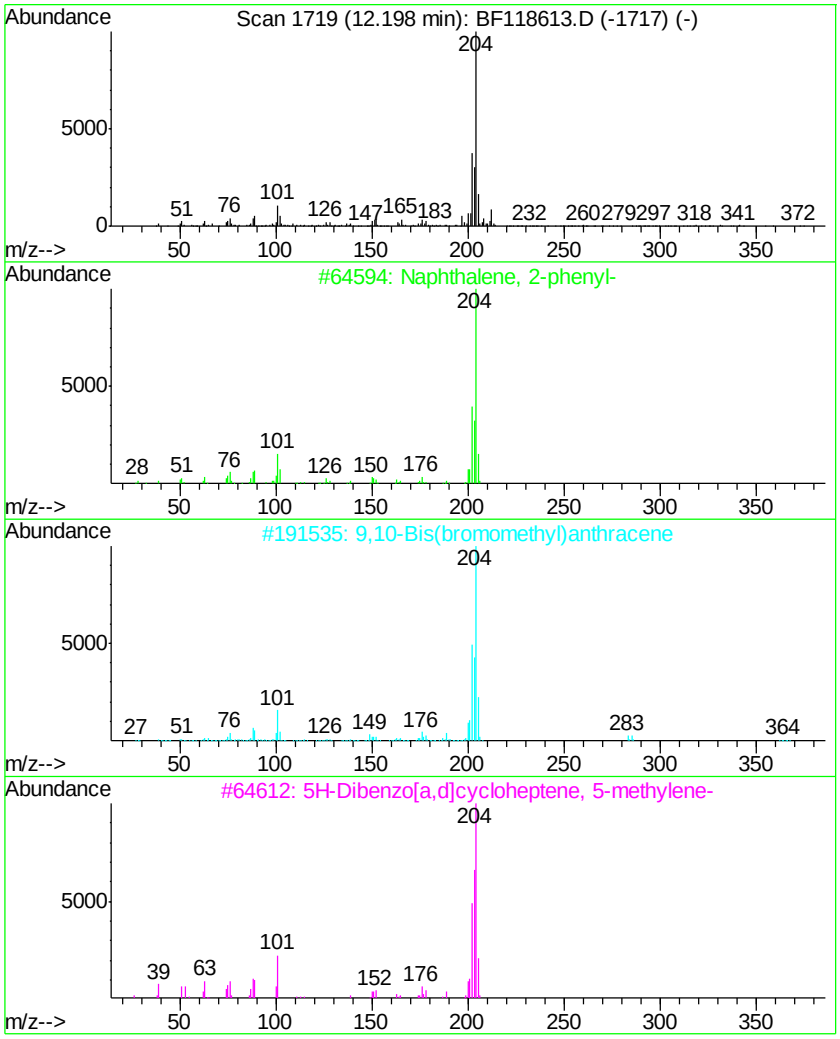
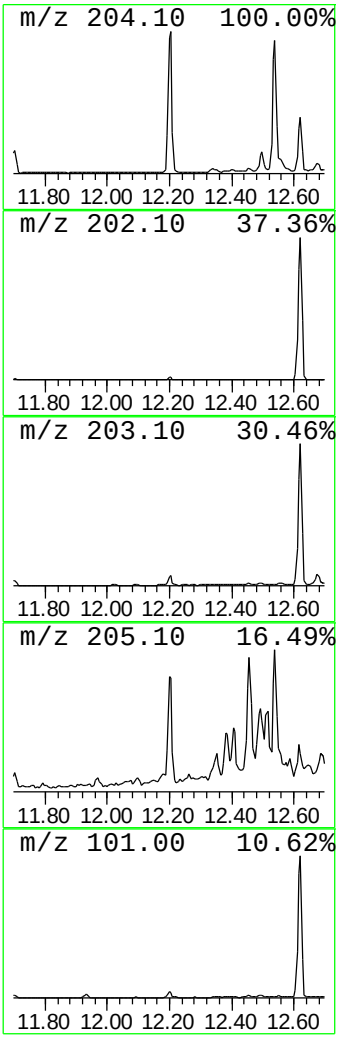
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.80 ng	387789	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	49
4	Levamisole	204	C11H12N2S	014769-73-4	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46





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Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

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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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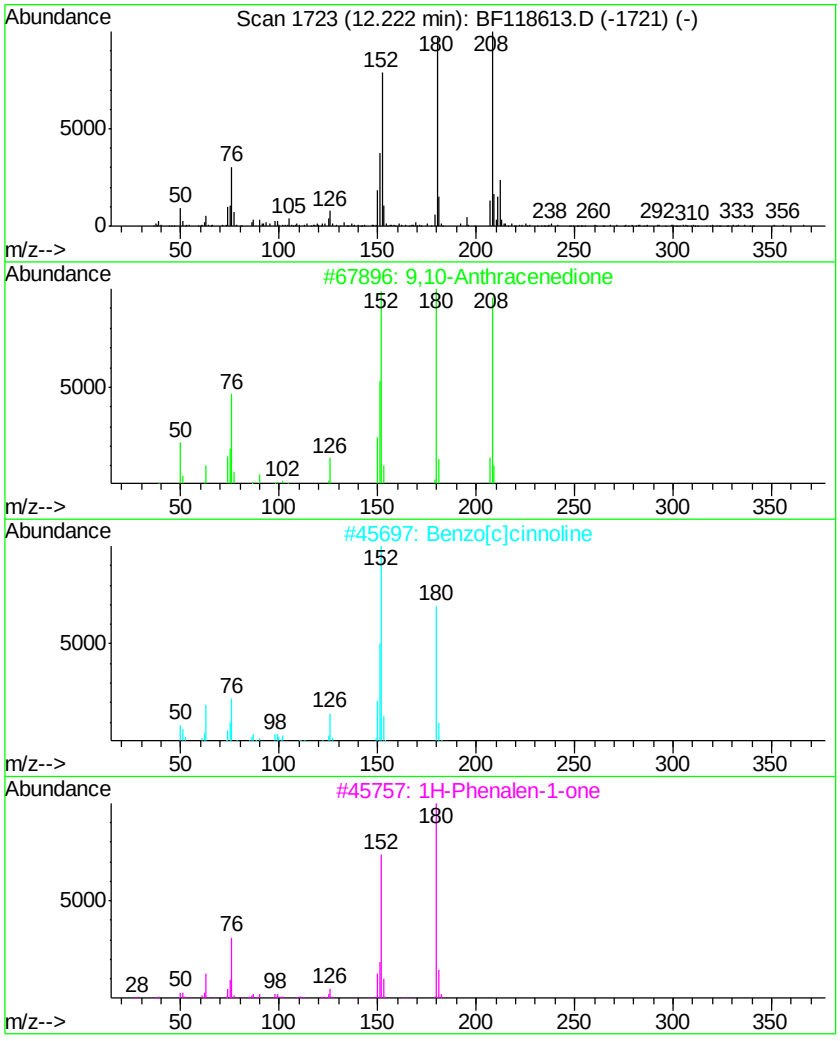
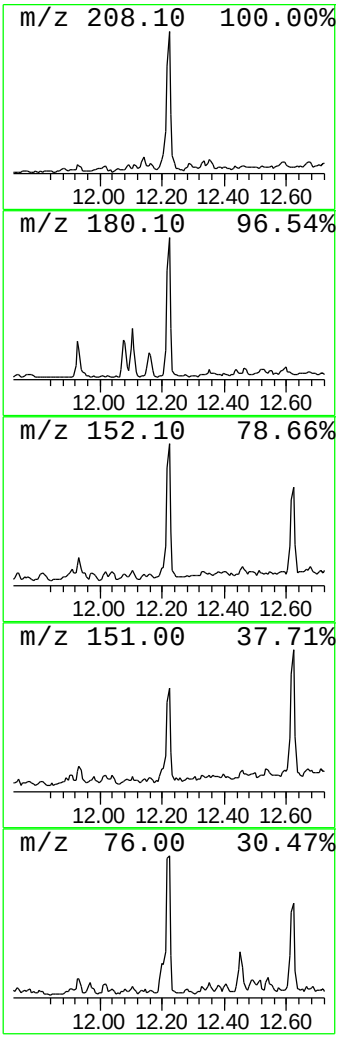
Peak Number 13 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.85 ng	394164	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55





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ClientSampleId : QVD-SB-BC-0-5

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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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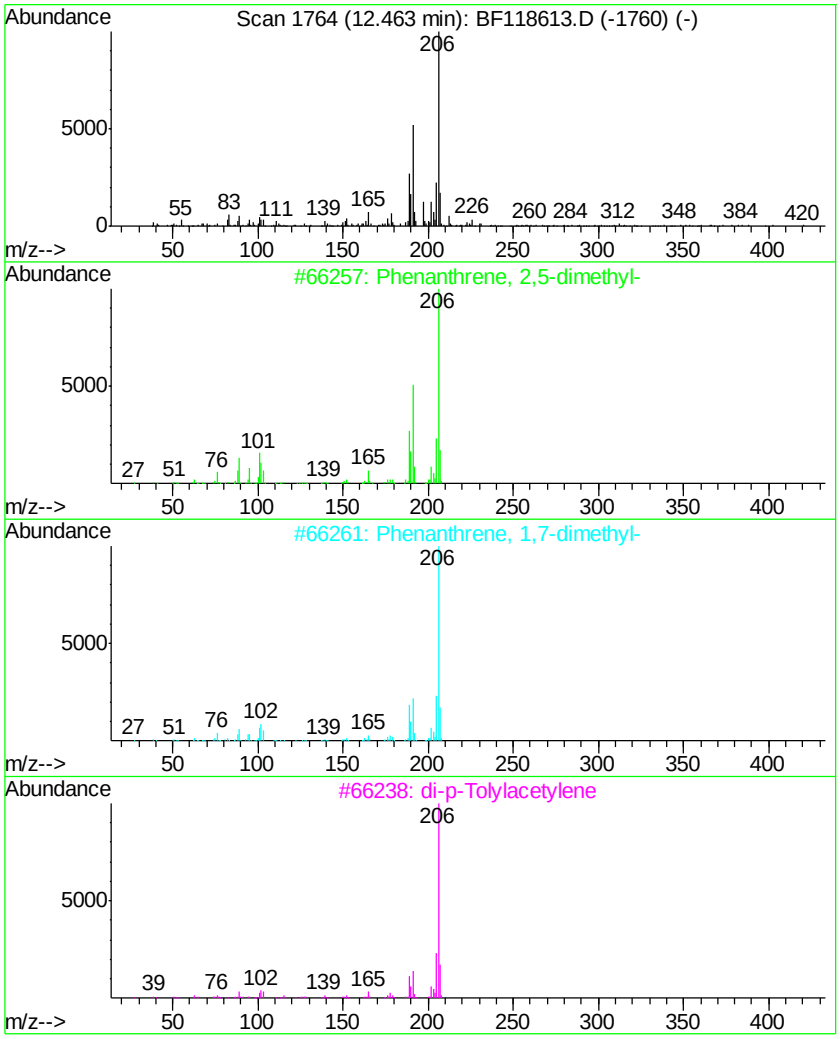
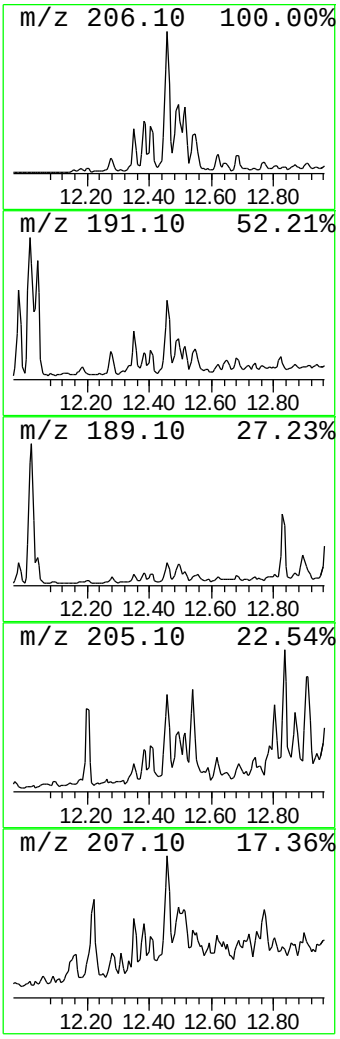
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.26 ng	451439	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





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ClientSampleId : QVD-SB-BC-0-5

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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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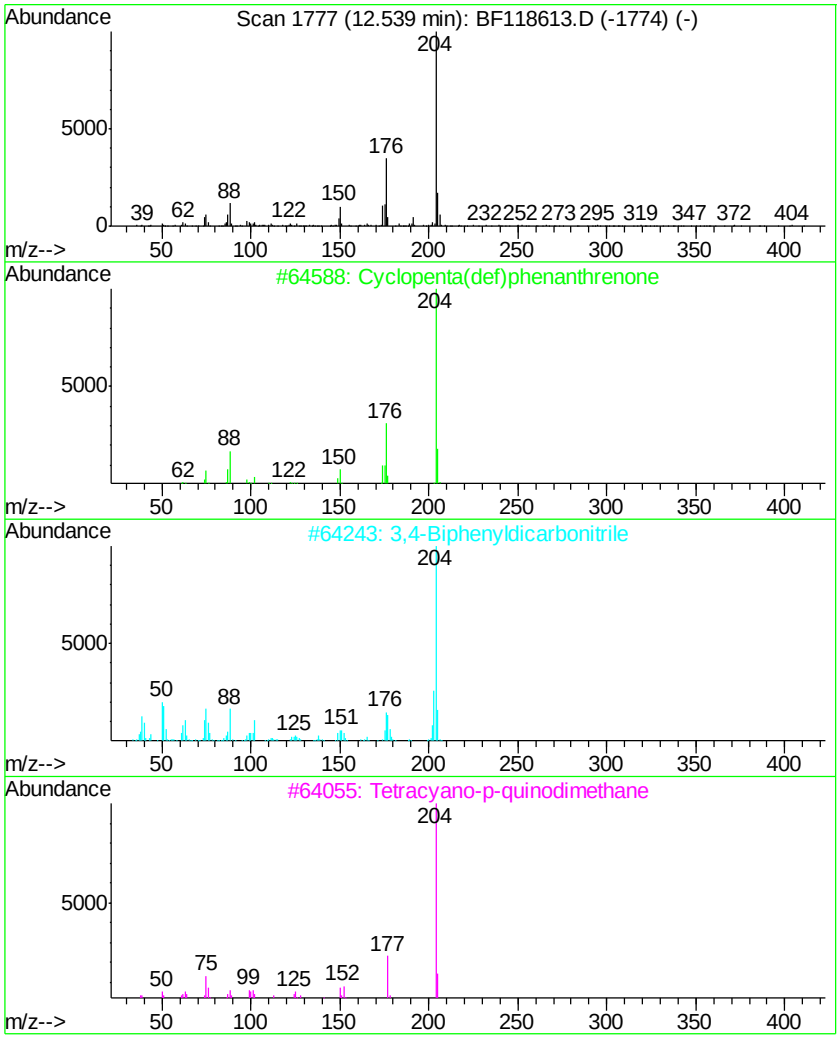
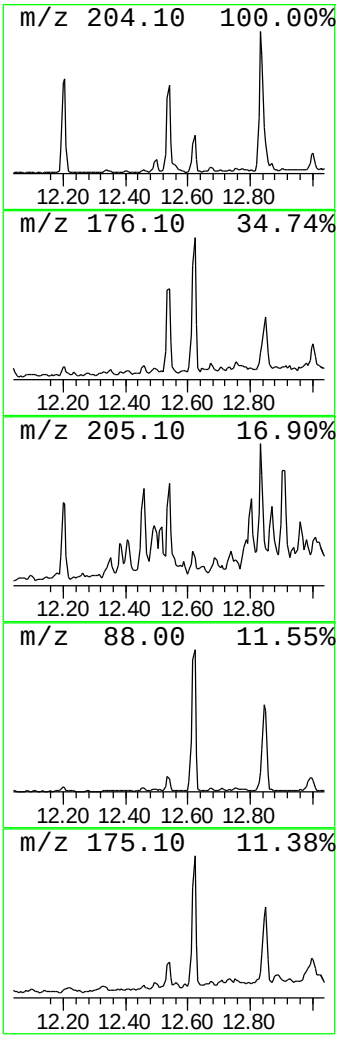
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.23 ng	308378	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	50
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47





Library Search Compound Report

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Misc :
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ClientSampleId : QVD-SB-BC-0-5

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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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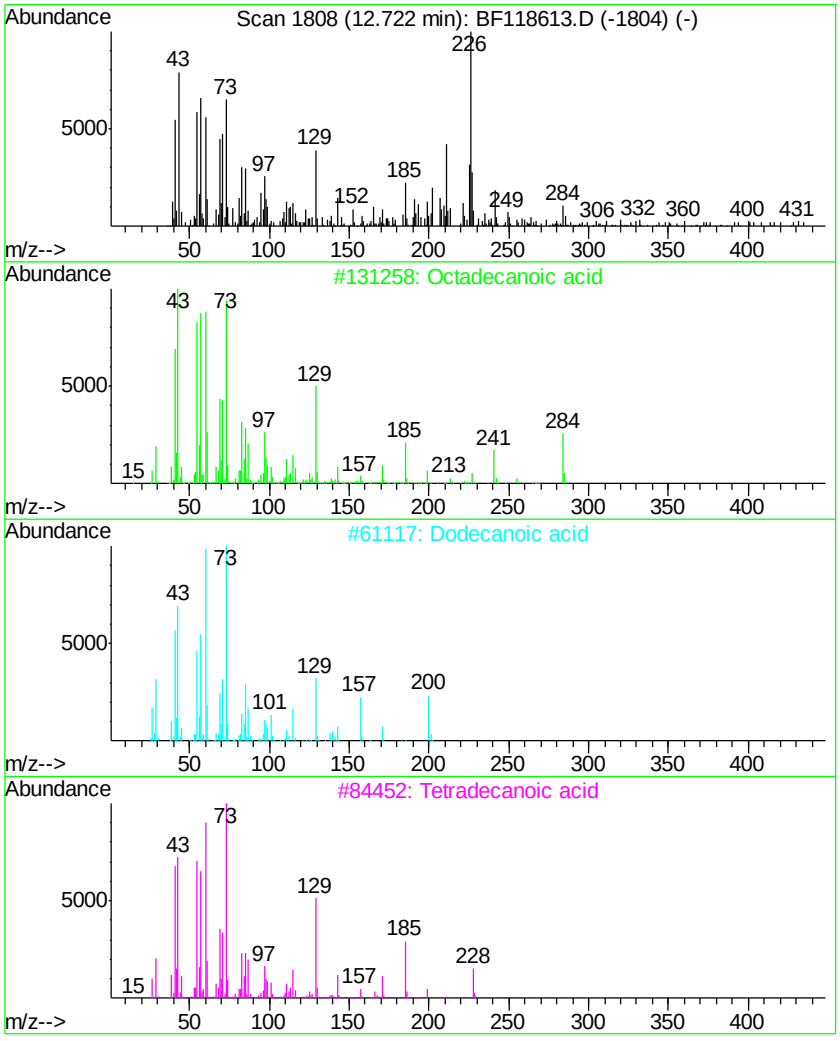
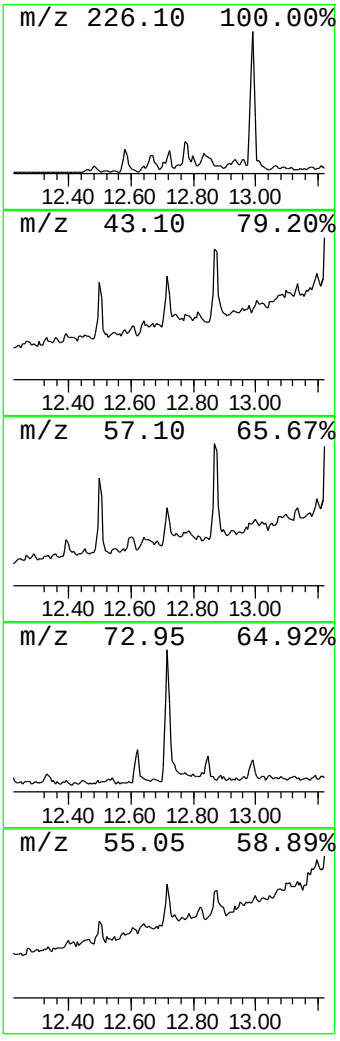
Peak Number 16 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.13 ng	433190	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Dodecanoic acid	200	C12H24O2	000143-07-7	55
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
4	n-Decanoic acid	172	C10H20O2	000334-48-5	38
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	30





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Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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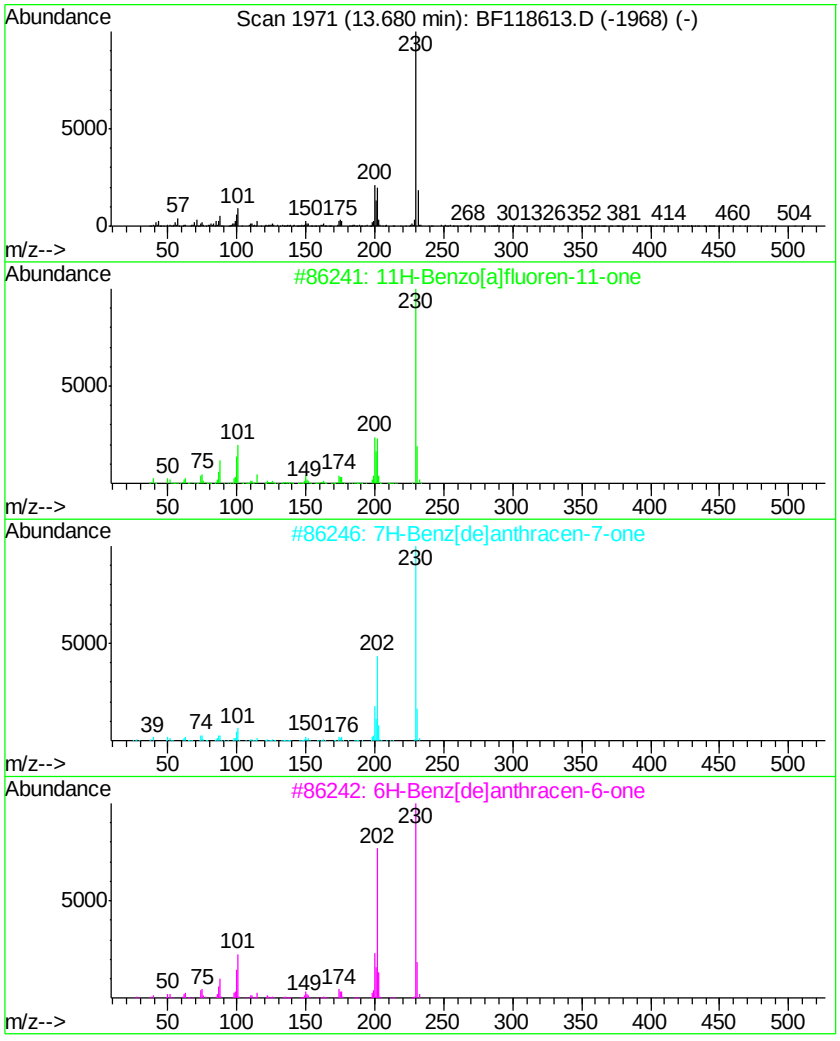
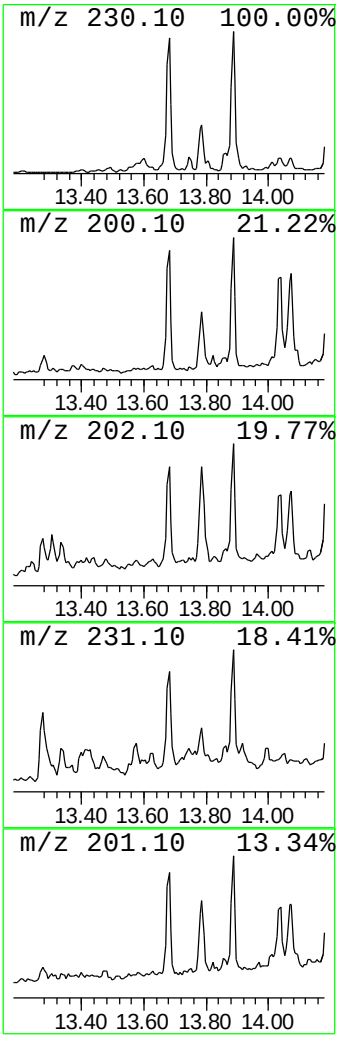
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.56 ng	829384	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59





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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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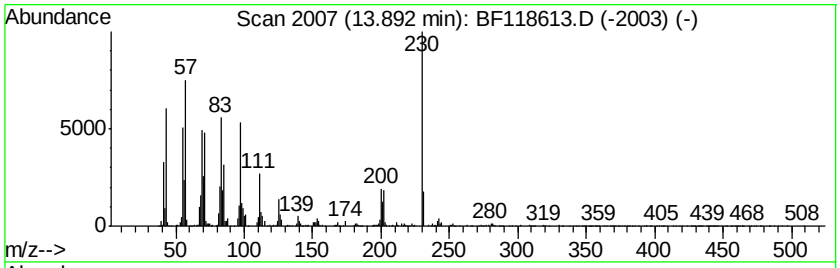
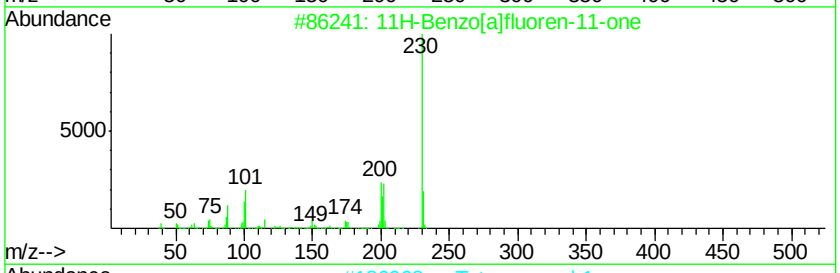
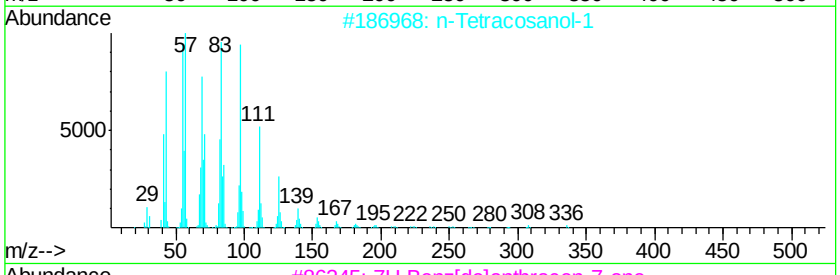
Peak Number 18 n-Tetracosanol-1 Concentration Rank 7

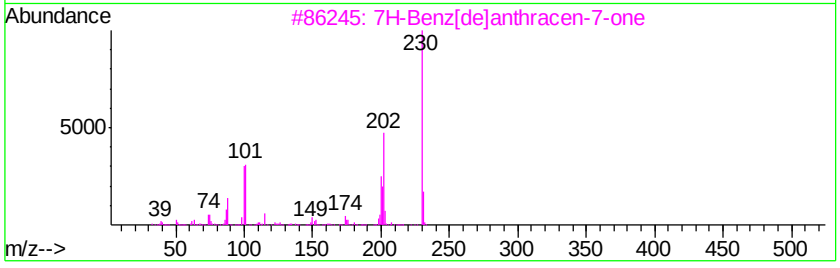
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.50 ng	2433660	Chrysene-d12	14.05

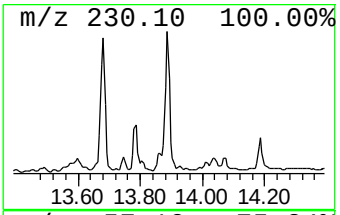
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	60
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	56
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
4	Behenic alcohol	326	C22H46O	000661-19-8	53
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	47

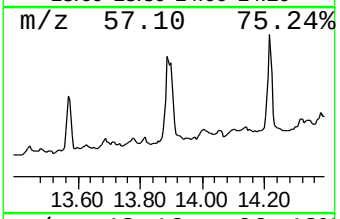


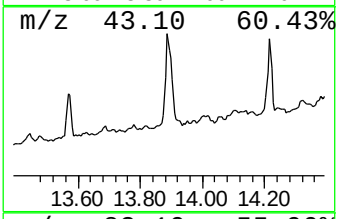


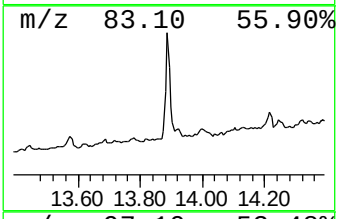


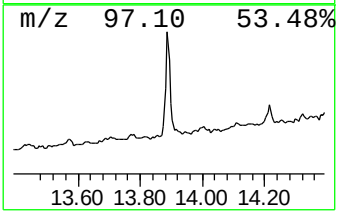












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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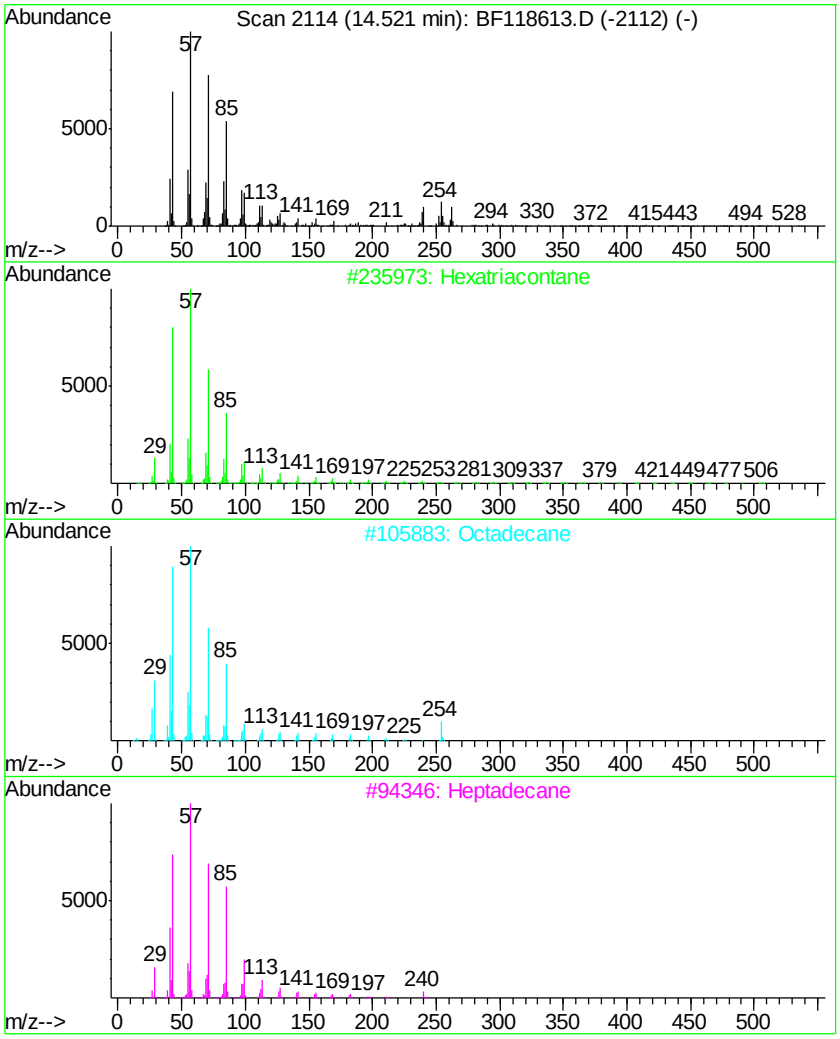
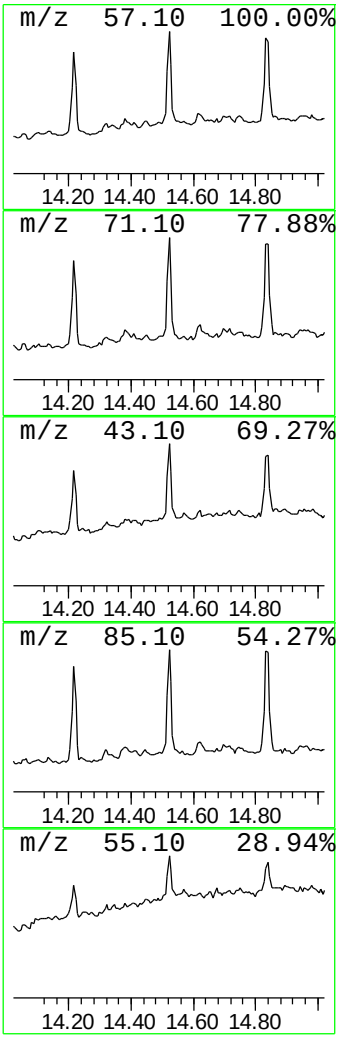
Peak Number 19 Hexatriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.02 ng	980067	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Octadecane	254	C18H38	000593-45-3	90
3	Heptadecane	240	C17H36	000629-78-7	89
4	Hexacosane	366	C26H54	000630-01-3	81
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118613.D
Acq On : 21 Jan 2020 1:31
Operator : CG/JU
Sample : L1164-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

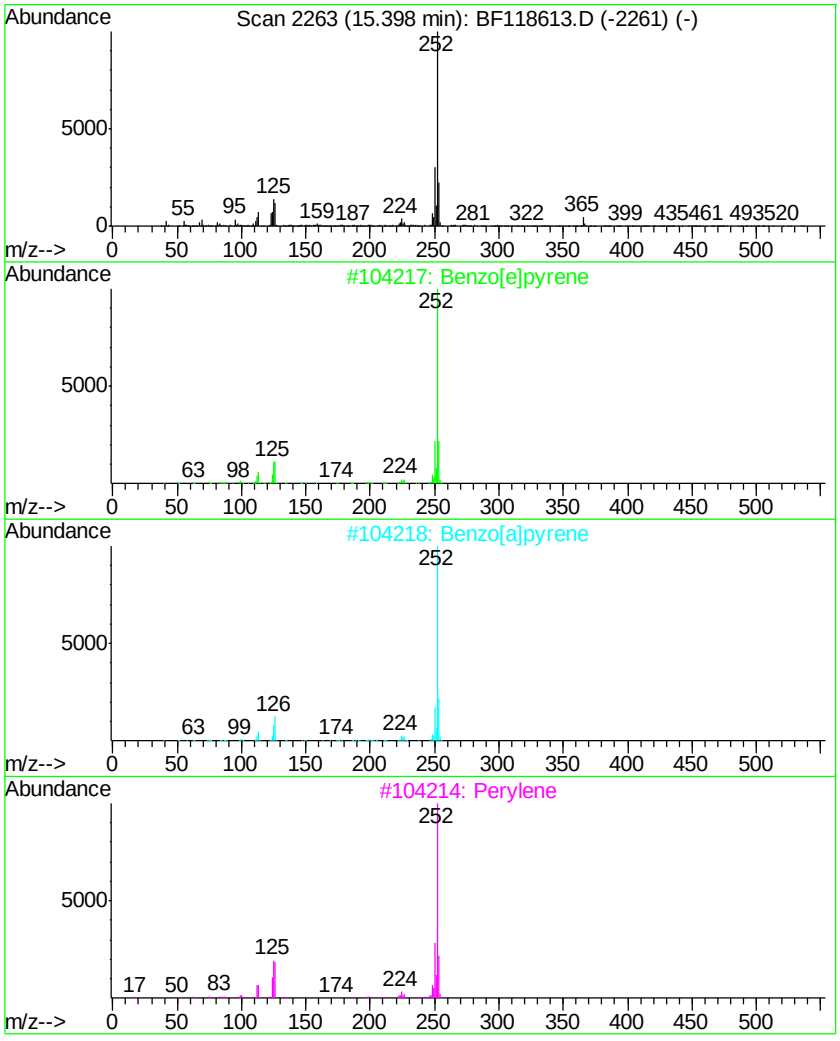
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

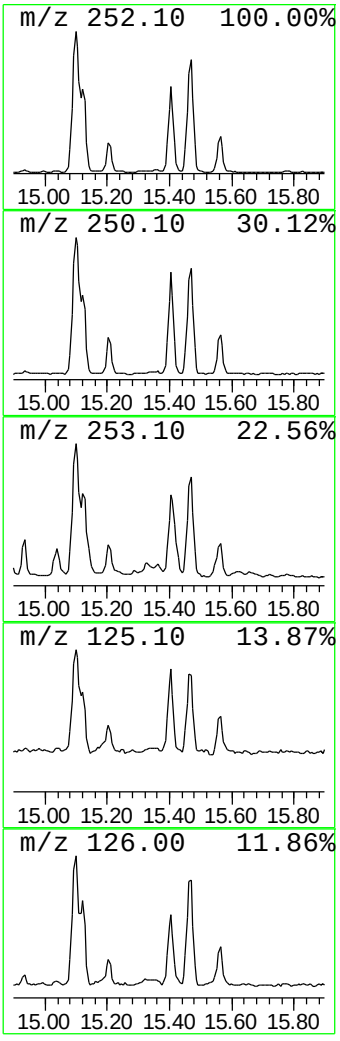
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	20.00 ng	2253930	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012020\
Data File : BF118613.D
Acq On : 21 Jan 2020 1:31
Operator : CG/JU
Sample : L1164-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QVD-SB-BC-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
Butane, 2-methoxy...	2.16	20.3	ng	2382680	1	6.88	2347030	20.0
2-Pentanone, 4-hy...	5.10	12.8	ng	1502770	1	6.88	2347030	20.0
unknown6.65	6.65	64.1	ng	7520260	1	6.88	2347030	20.0
Dodecane	10.83	2.6	ng	362454	4	11.40	2766700	20.0
9H-Fluoren-9-one	11.20	3.1	ng	425146	4	11.40	2766700	20.0
Naphtho[2,3-b]thi...	11.30	2.7	ng	369668	4	11.40	2766700	20.0
Anthracene, 2-met...	11.93	9.6	ng	1325040	4	11.40	2766700	20.0
Phenanthrene, 2-m...	11.98	2.2	ng	299291	4	11.40	2766700	20.0
4H-Cyclopenta[def...	12.02	7.3	ng	1006060	4	11.40	2766700	20.0
Naphthalene, 2-ph...	12.20	2.8	ng	387789	4	11.40	2766700	20.0
9,10-Anthracenedione	12.22	2.9	ng	394164	4	11.40	2766700	20.0
Phenanthrene, 2,5...	12.46	3.3	ng	451439	4	11.40	2766700	20.0
Cyclopenta(def)ph...	12.54	2.2	ng	308378	4	11.40	2766700	20.0
Octadecanoic acid	12.72	3.1	ng	433190	4	11.40	2766700	20.0
11H-Benzo[a]fluor...	13.68	2.6	ng	829384	5	14.05	6486170	20.0
n-Tetracosanol-1	13.89	7.5	ng	2433660	5	14.05	6486170	20.0
Hexatriacontane	14.52	3.0	ng	980067	5	14.05	6486170	20.0
Benzo[e]pyrene	15.40	20.0	ng	2253930	6	15.53	2253930	20.0