LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107957.D
Acq On : 4 Aug 2018 00:04
Operator : JU/SJ
Sample : J4298-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-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-BF073018.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	5.172	479	482	498	rBV	143649	221973	14.43%	0.978%
2	5.601	551	555	586	rBV	182173	915233	59.49%	4.033%
3	6.607	722	726	743	rBV	264350	1012561	65.81%	4.462%
4	6.725	743	746	772	rVB	648966	1459115	94.84%	6.429%
5	6.954	781	785	807	rBV	281588	695784	45.22%	3.066%
6	7.101	807	810	833	rVB	683491	1066094	69.29%	4.698%
7	7.531	878	883	904	rBV2	163491	706641	45.93%	3.114%
8	8.236	999	1003	1026	rBV	493486	1016649	66.08%	4.480%
9	9.042	1135	1140	1150	rVB5	12627	19401	1.26%	0.085%
10	9.301	1181	1184	1205	rBV	1033881	1538562	100.00%	6.780%
11	9.701	1246	1252	1262	rBV	98987	150009	9.75%	0.661%
12	9.989	1297	1301	1306	rBV	854645	928556	60.35%	4.092%
13	10.548	1391	1396	1400	rBV3	13912	22290	1.45%	0.098%
14	10.789	1433	1437	1449	rBV	395420	731977	47.58%	3.225%
15	11.248	1511	1515	1519	rVB	22855	27601	1.79%	0.122%
16	11.330	1524	1529	1536	rVB2	75493	85120	5.53%	0.375%
17	11.389	1536	1539	1542	rBV3	30686	32673	2.12%	0.144%
18	11.489	1552	1556	1558	rBV	585218	677089	44.01%	2.984%
19	11.513	1558	1560	1568	rVV	434269	675909	43.93%	2.978%
20	11.572	1568	1570	1578	rVV	68352	148616	9.66%	0.655%
21	11.630	1578	1580	1585	rVB2	21145	27984	1.82%	0.123%
22	11.748	1595	1600	1603	rBV4	18297	34252	2.23%	0.151%
23	11.772	1603	1604	1608	rVB2	15687	16330	1.06%	0.072%
24	11.989	1637	1641	1644	rBV	74792	93945	6.11%	0.414%
25	12.024	1644	1647	1652	rVB2	59416	83413	5.42%	0.368%
26	12.107	1657	1661	1663	rBV	57880	67557	4.39%	0.298%
27	12.289	1689	1692	1696	rBV	20881	22513	1.46%	0.099%
28	12.330	1696	1699	1703	rBV4	21284	36127	2.35%	0.159%
29	12.536	1731	1734	1737	rBV3	25963	29754	1.93%	0.131%
30	12.577	1739	1741	1747	rVB2	16069	20928	1.36%	0.092%
31	12.642	1747	1752	1755	rBV3	21148	37361	2.43%	0.165%
32	12.707	1759	1763	1772	rBV	804828	1035050	67.27%	4.561%
33	12.860	1786	1789	1795	rVB2	20565	30291	1.97%	0.133%
34	12.936	1795	1802	1817	rBV	746352	1140596	74.13%	5.026%

LSC Area Percent Report

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Acq On : 4 Aug 2018 00:04
Operator : JU/SJ
Sample : J4298-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.066	1820	1824	1835	rVV	1002381	1286854	83.64%	5.670%
36	13.154	1835	1839	1845	rVB2	45838	95650	6.22%	0.421%
37	13.242	1852	1854	1855	rBV2	22299	17323	1.13%	0.076%
38	13.271	1855	1859	1865	rVB2	73273	106185	6.90%	0.468%
39	13.336	1867	1870	1873	rBV2	42094	59033	3.84%	0.260%
40	13.371	1873	1876	1882	rVB3	46744	95079	6.18%	0.419%
41	13.466	1889	1892	1894	rBV2	30010	30400	1.98%	0.134%
42	13.495	1894	1897	1900	rVV3	34004	41631	2.71%	0.183%
43	13.530	1901	1903	1907	rVB	32407	36171	2.35%	0.159%
44	13.613	1915	1917	1920	rVB	29729	22790	1.48%	0.100%
45	13.783	1944	1946	1951	rBV2	30936	43524	2.83%	0.192%
46	13.895	1962	1965	1966	rBV	68553	73212	4.76%	0.323%
47	13.918	1966	1969	1971	rVV2	113737	130902	8.51%	0.577%
48	13.948	1971	1974	1980	rVB4	100820	185891	12.08%	0.819%
49	14.083	1994	1997	2000	rVB	445744	356241	23.15%	1.570%
50	14.142	2001	2007	2010	rBV2	904500	1472264	95.69%	6.487%
51	14.248	2022	2025	2029	rBV2	130911	152730	9.93%	0.673%
52	14.289	2029	2032	2035	rBV	106076	111702	7.26%	0.492%
53	14.565	2076	2079	2081	rBV	66938	64148	4.17%	0.283%
54	14.883	2130	2133	2137	rVB	60341	68868	4.48%	0.303%
55	15.042	2157	2160	2165	rBV3	90326	109643	7.13%	0.483%
56	15.224	2185	2191	2198	rBV2	370565	1012127	65.78%	4.460%
57	15.542	2240	2245	2252	rBV	167789	289140	18.79%	1.274%
58	15.612	2252	2257	2263	rVV	224541	456936	29.70%	2.013%
59	15.677	2263	2268	2283	rVB	424687	937051	60.90%	4.129%
60	16.089	2334	2338	2344	rVB	113230	172433	11.21%	0.760%
61	17.248	2530	2535	2541	rBV3	96924	233156	15.15%	1.027%
62	17.736	2611	2618	2628	rBV2	60333	225075	14.63%	0.992%

Sum of corrected areas: 22694113

LSC Report - Integrated Chromatogram

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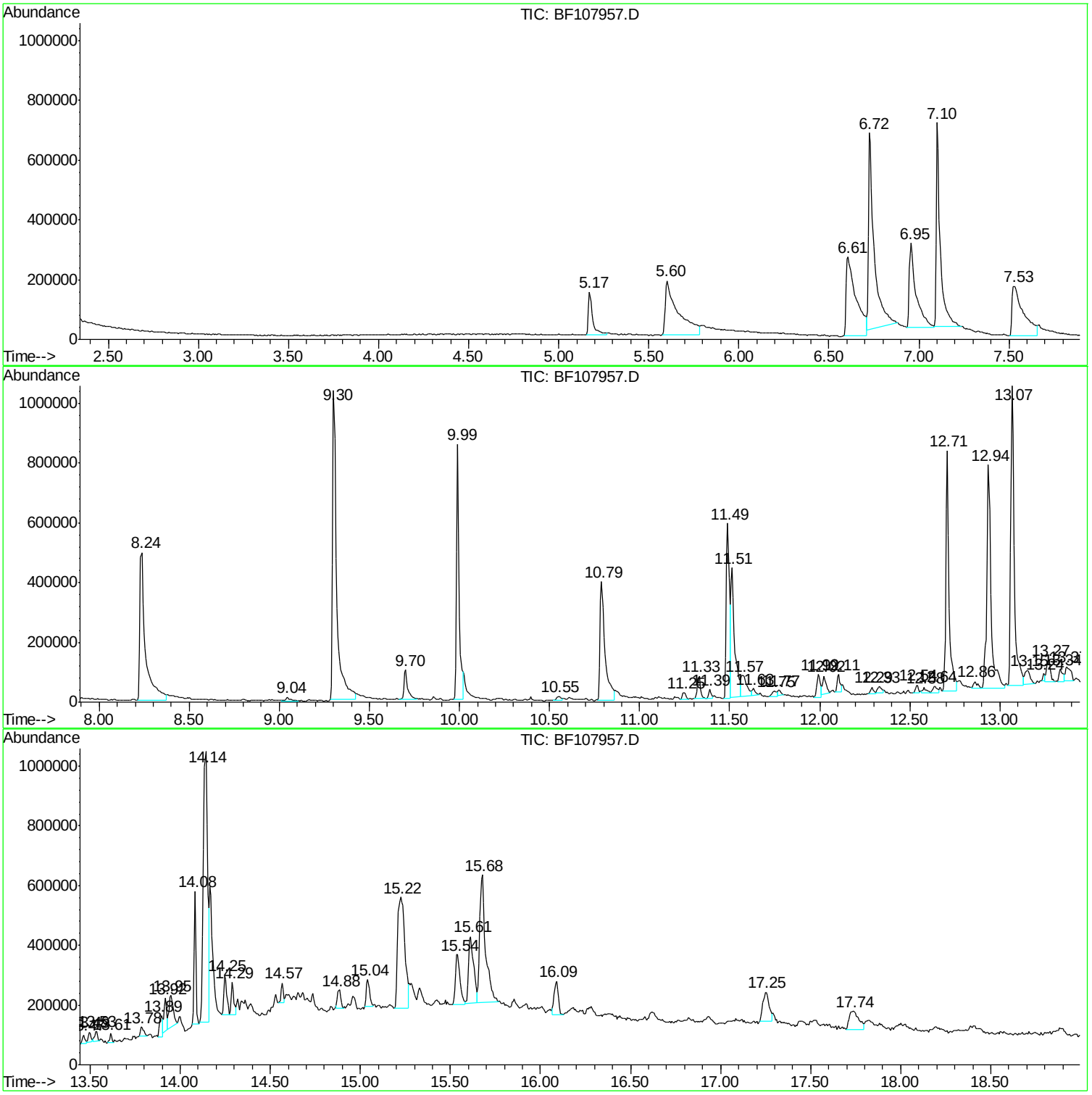
Acq On : 4 Aug 2018 00:04
Operator : JU/SJ
Sample : J4298-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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\BF080318\
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Misc :
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Instrument : BNA_F
ClientSampleId : WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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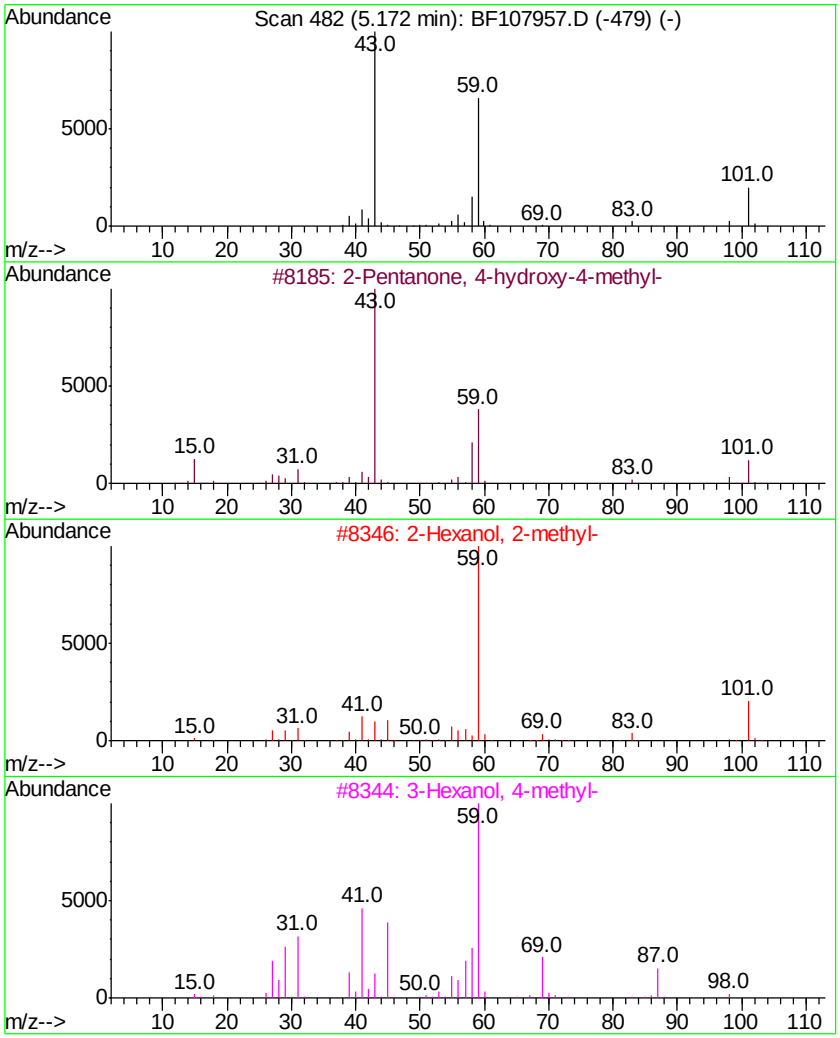
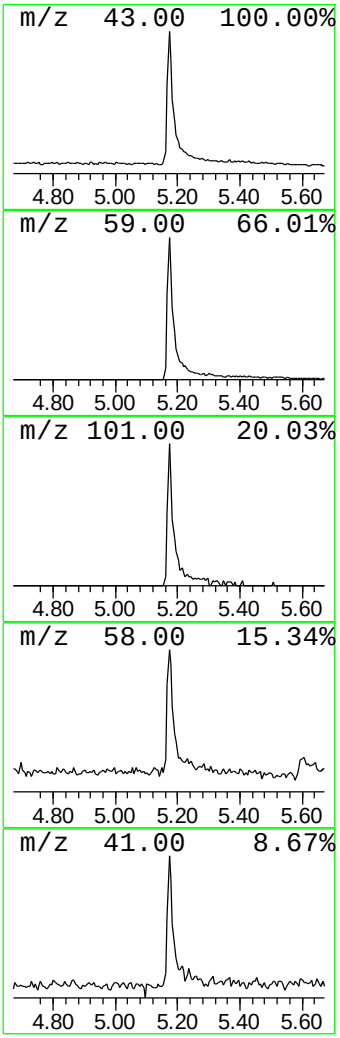
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	6.38 ng	221973	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107957.D
Acq On : 4 Aug 2018 00:04
Operator : JU/SJ
Sample : J4298-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

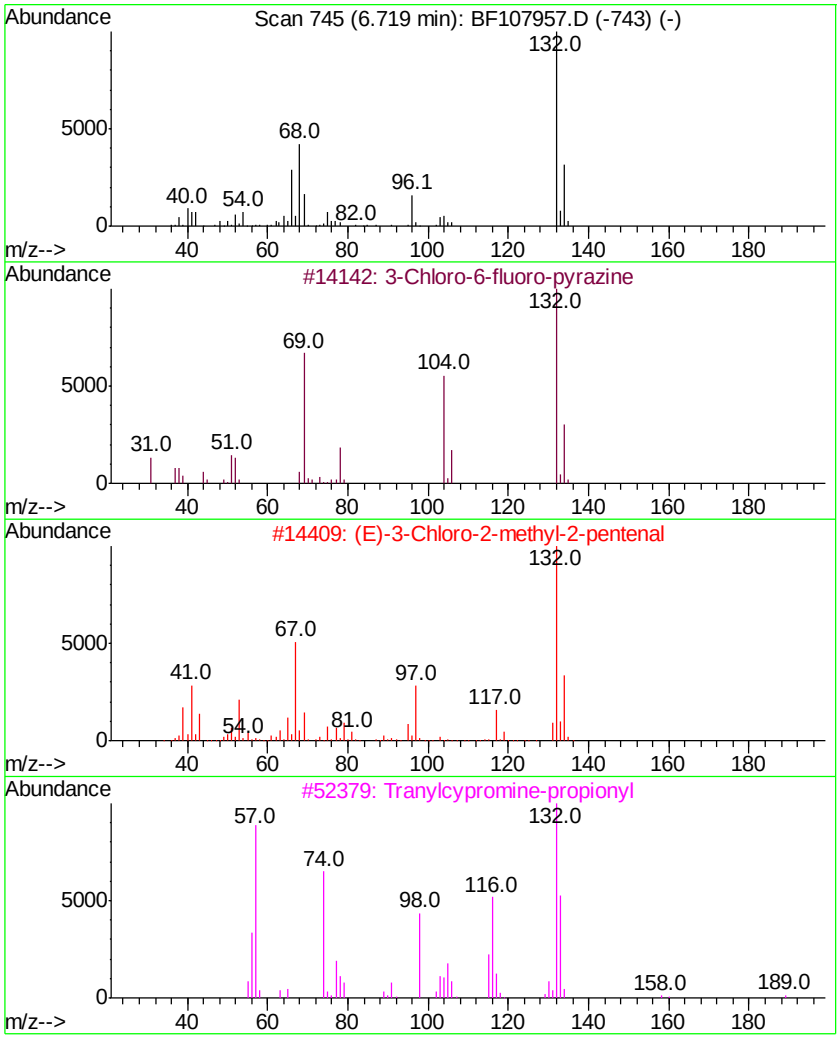
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

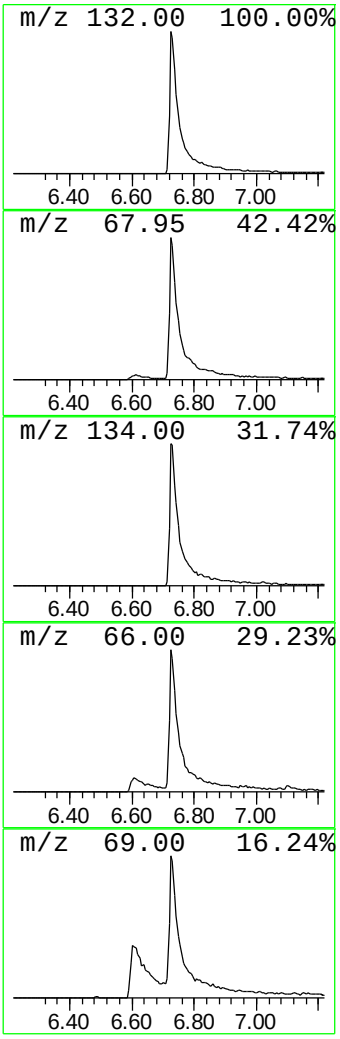
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	41.94 ng	1459120	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
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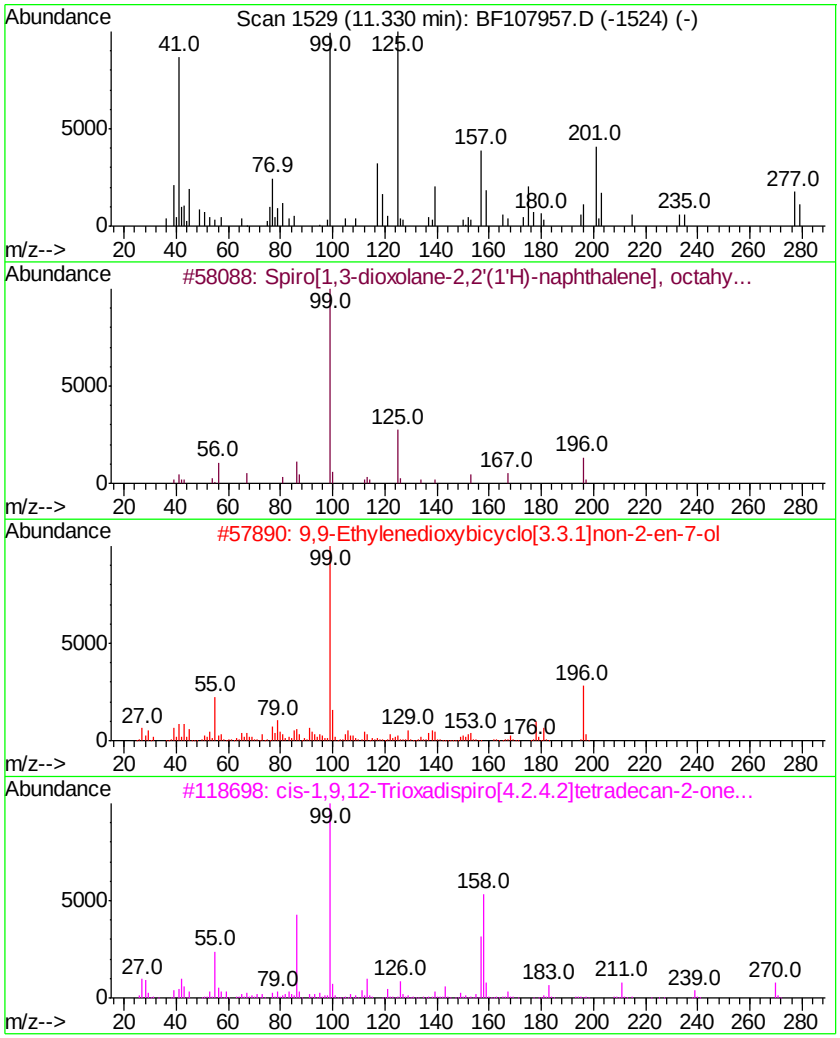
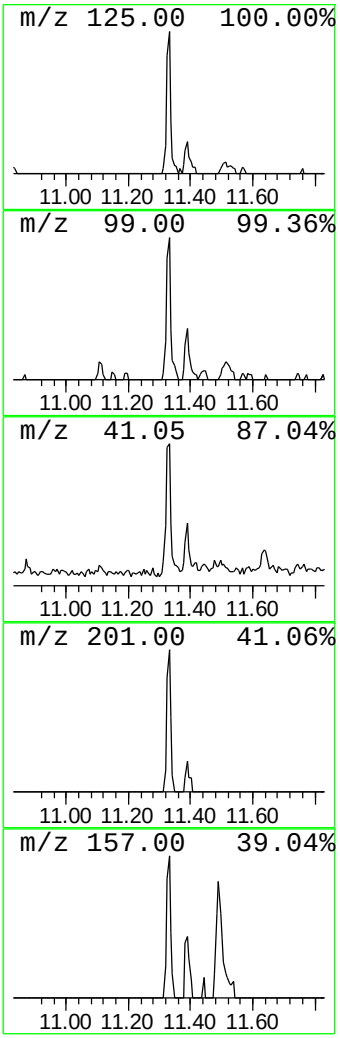
Peak Number 4 unknown11.33 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.51 ng	85120	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[1,3-dioxolane-2,2'(1'H)-na...	196	C12H20O2	006857-86-9	12
2	9,9-Ethylenedioxybicyclo[3.3.1]n...	196	C11H16O3	1000195-65-2	11
3	cis-1,9,12-Trioxadispiro[4.2.4.2...	270	C13H18O6	1000153-27-5	10
4	N-Methylpyrrole-2-carboxylic acid	125	C6H7NO2	006973-60-0	9
5	Benzoic acid, 4-[[2-(1-piperazin...	277	C14H19N3O3	1000350-32-6	9





Library Search Compound Report

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Sample : J4298-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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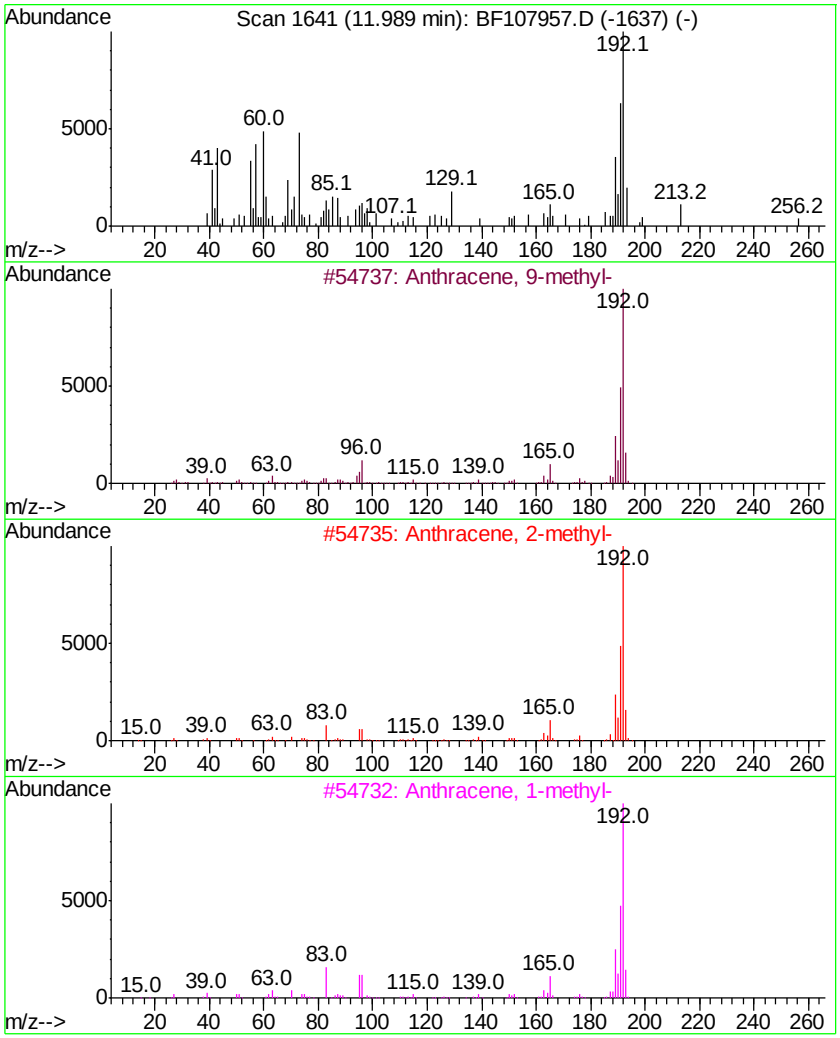
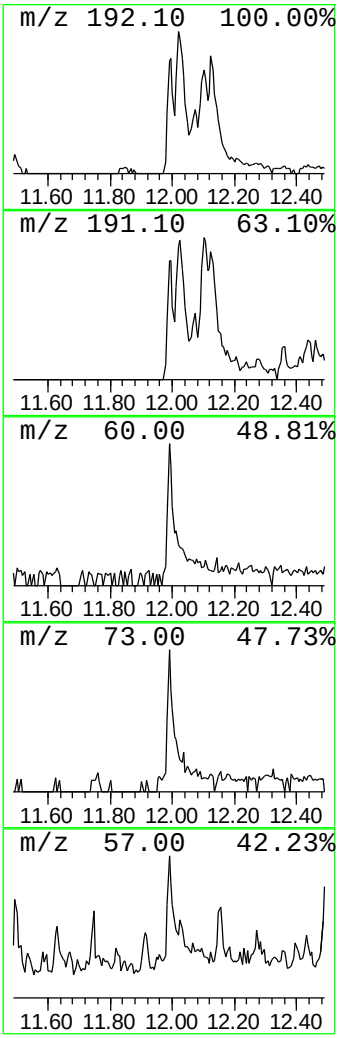
Peak Number 5 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.77 ng	93945	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60





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Acq On : 4 Aug 2018 00:04
Operator : JU/SJ
Sample : J4298-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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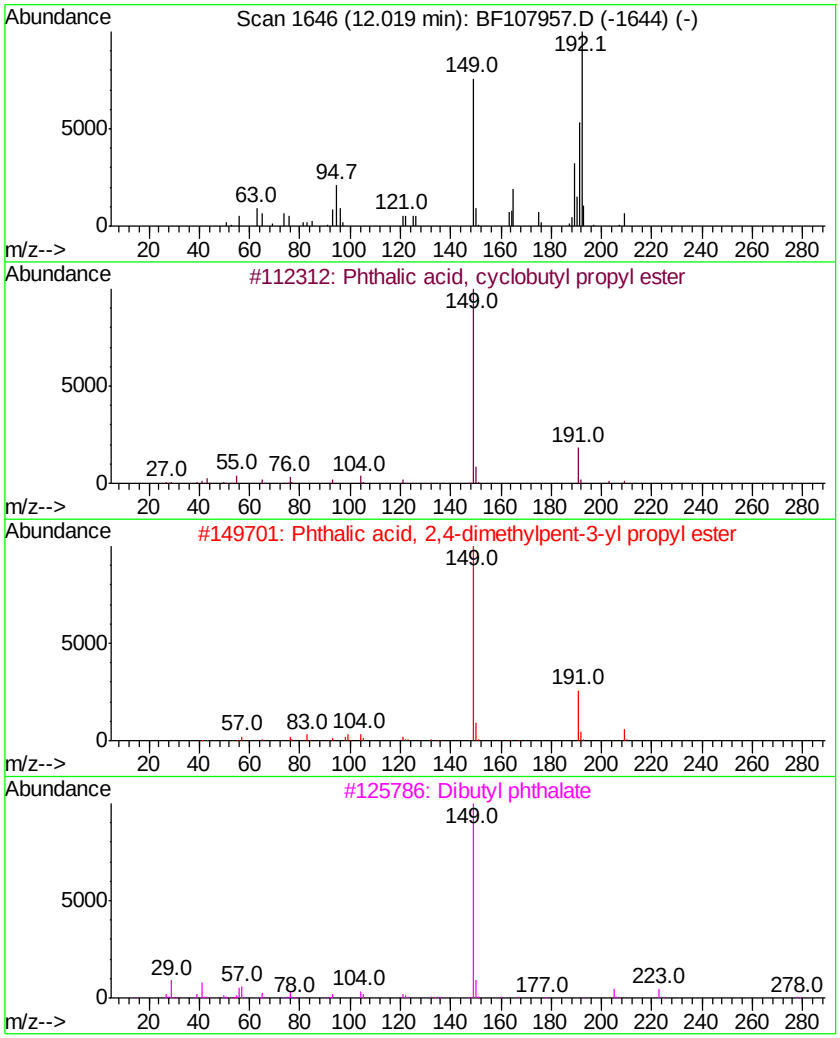
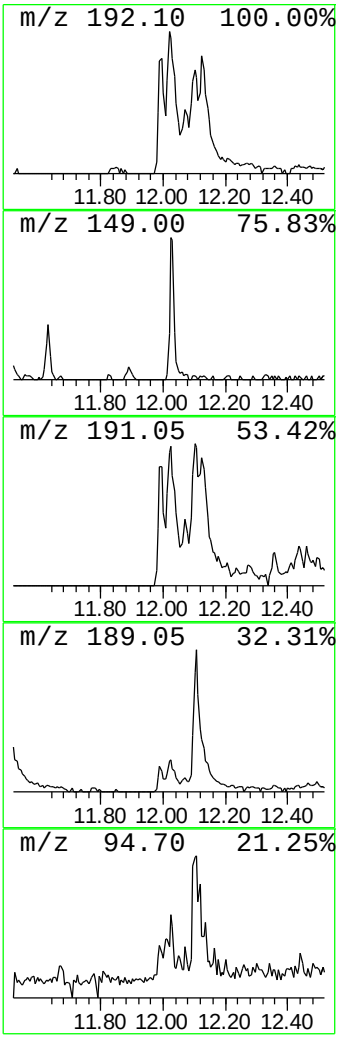
Peak Number 6 unknown12.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.46 ng	83413	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, cyclobutyl propyl...	262	C15H18O4	1000315-41-2	47
2	Phthalic acid, 2,4-dimethylpent-...	306	C18H26O4	1000356-84-2	47
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	43
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	43
5	Phthalic acid, ethyl hept-2-yl e...	292	C17H24O4	1000356-96-8	38





Library Search Compound Report

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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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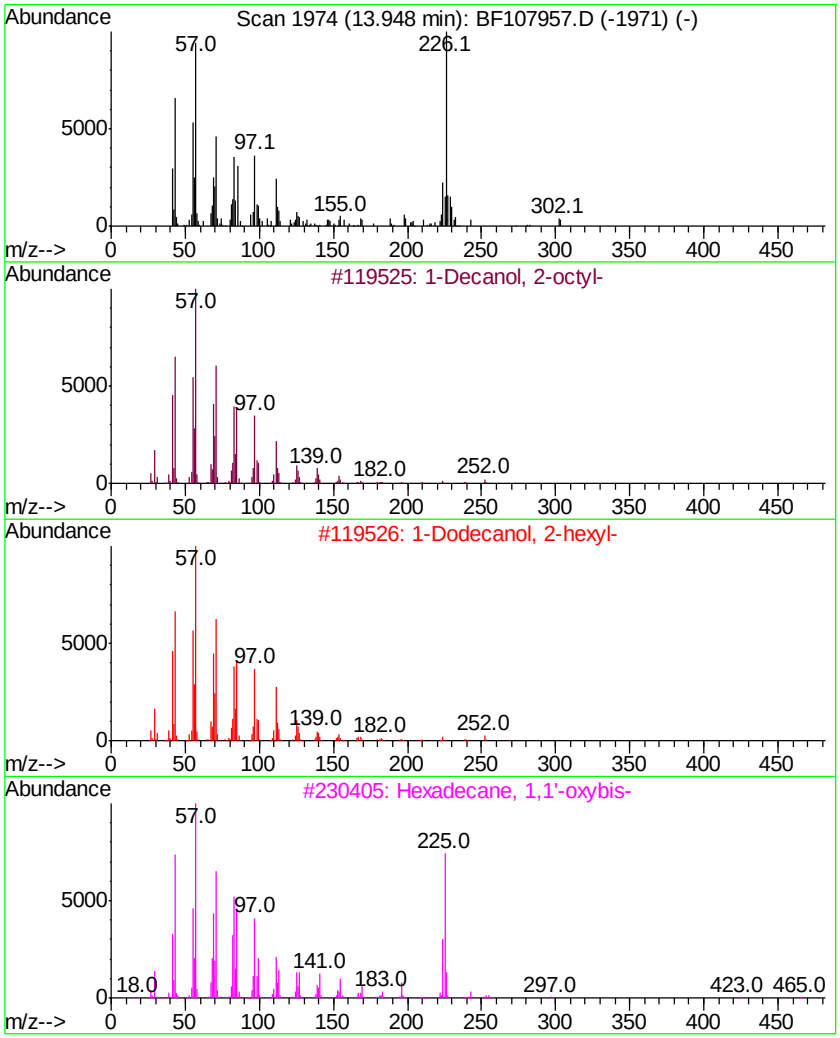
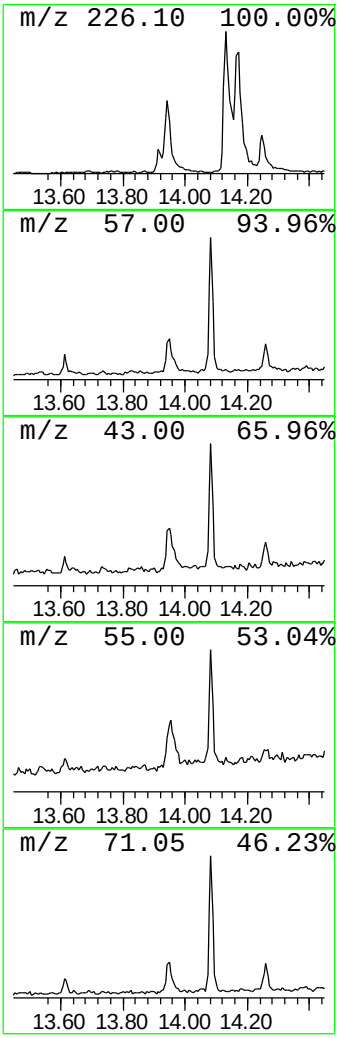
Peak Number 7 unknown13.95 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.53 ng	185891	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	46
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	46
3	Hexadecane, 1,1'-oxybis-	467	C32H66O	004113-12-6	43
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	41
5	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	38





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Data File : BF107957.D
Acq On : 4 Aug 2018 00:04
Operator : JU/SJ
Sample : J4298-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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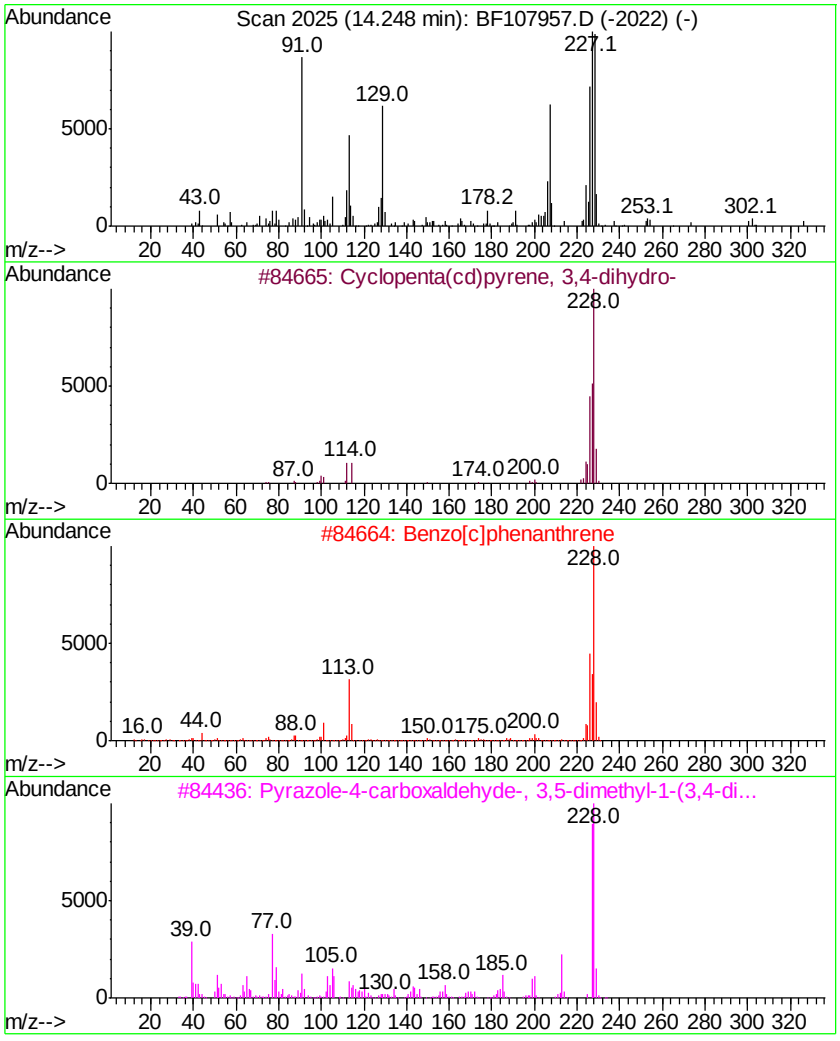
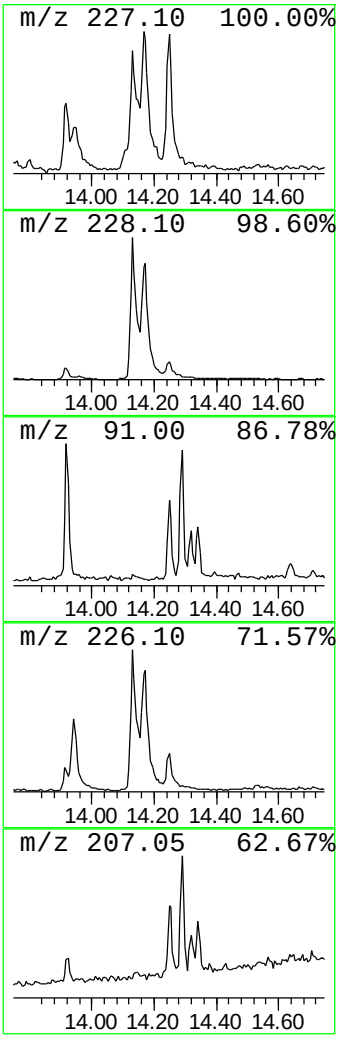
Peak Number 8 unknown14.25 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.07 ng	152730	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	30
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	27
4	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	18
5	9,10-Anthracenedicarbonitrile	228	C16H8N2	001217-45-4	15





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Sample : J4298-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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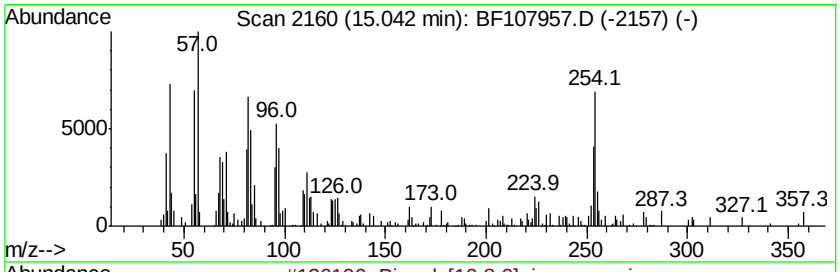
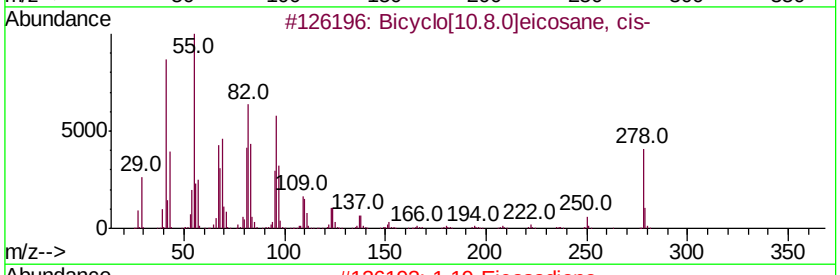
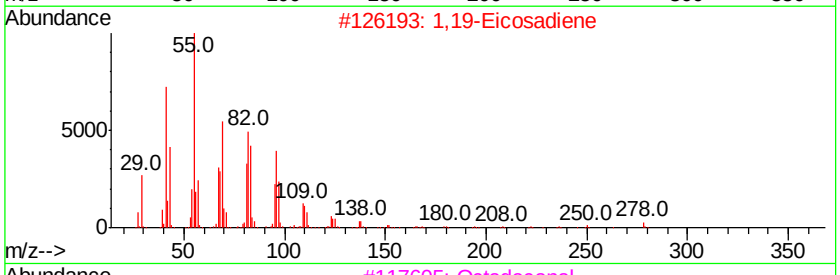
Peak Number 9 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 10

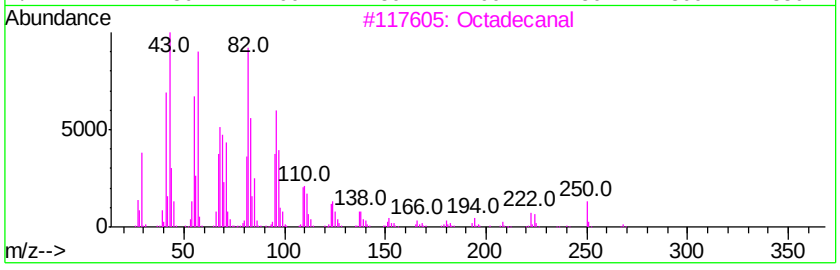
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.34 ng	109643	Perylene-d12	15.68

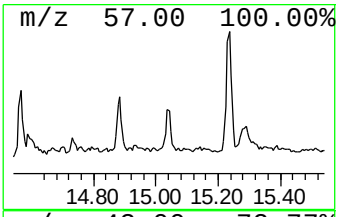
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	87
2	1,19-Eicosadiene	278	C20H38	014811-95-1	64
3	Octadecanal	268	C18H36O	000638-66-4	55
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	46
5	1-Octadecene	252	C18H36	000112-88-9	45

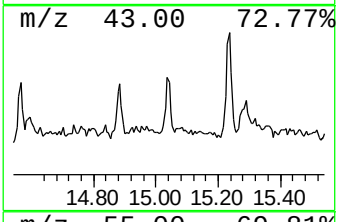


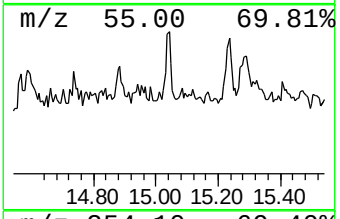


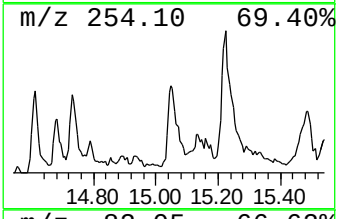


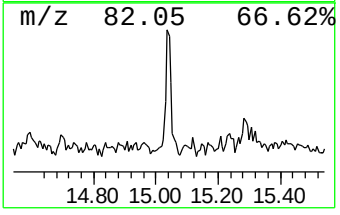












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107957.D
Acq On : 4 Aug 2018 00:04
Operator : JU/SJ
Sample : J4298-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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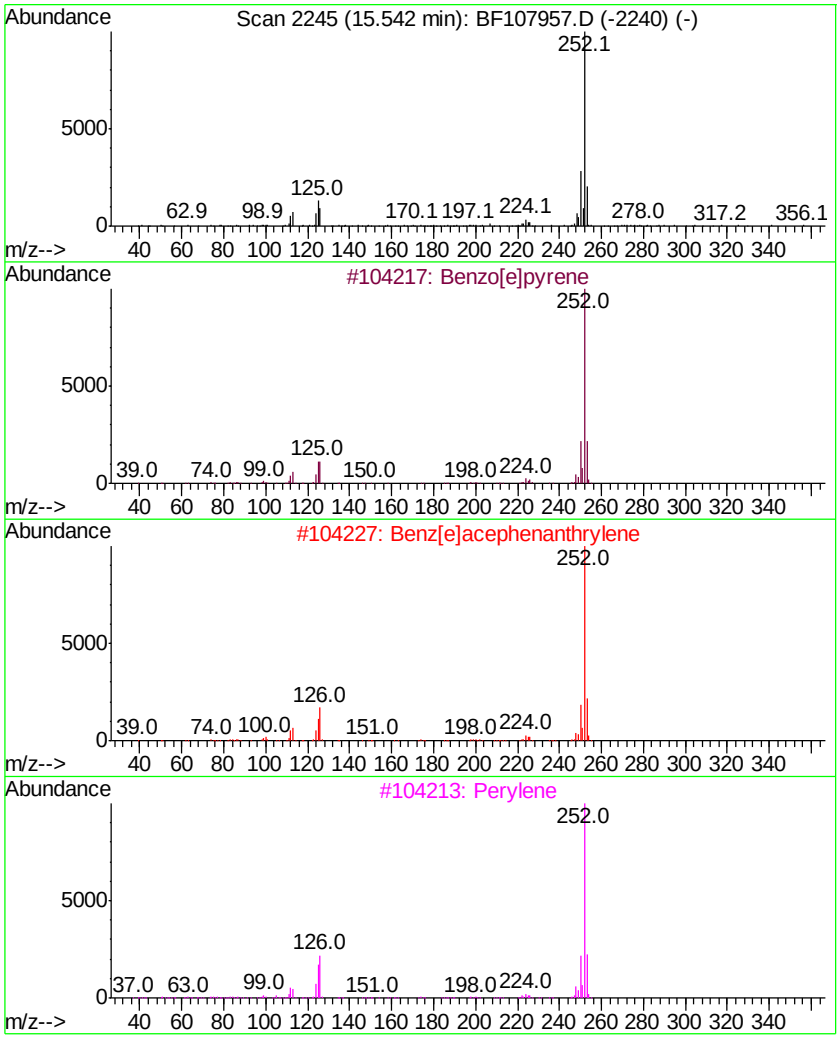
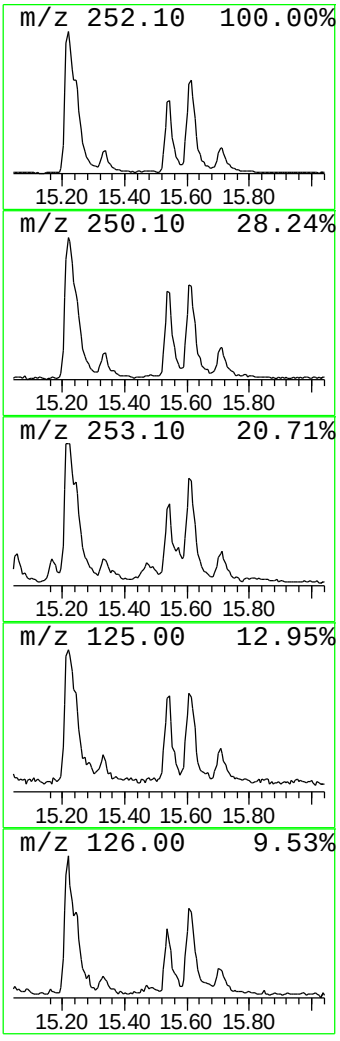
Peak Number 10 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	6.17 ng	289140	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107957.D
Acq On : 4 Aug 2018 00:04
Operator : JU/SJ
Sample : J4298-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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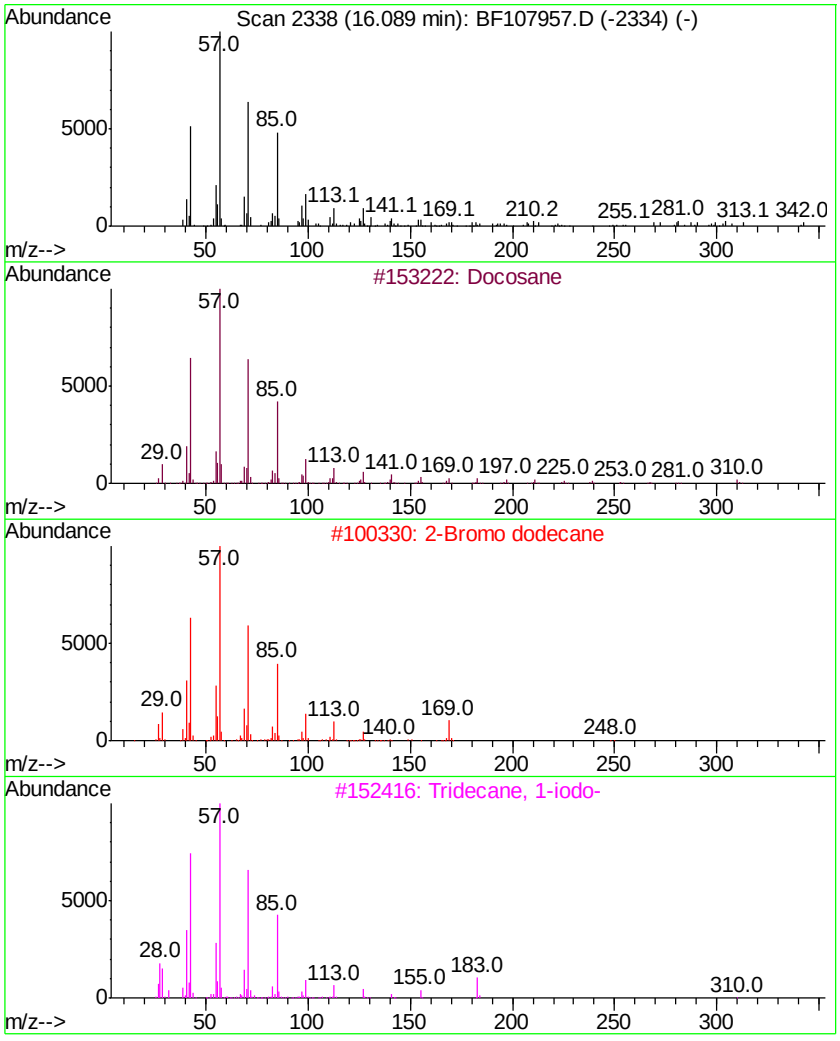
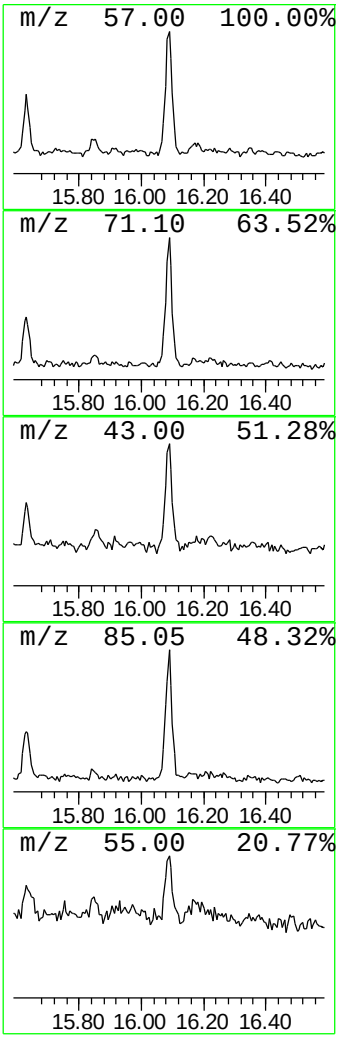
Peak Number 11 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.68 ng	172433	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	86
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Heneicosane	296	C21H44	000629-94-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
Data File : BF107957.D
Acq On : 4 Aug 2018 00:04
Operator : JU/SJ
Sample : J4298-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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
2-Pentanone, 4-hy...	5.17	6.4	ng	221973	1	6.95	695784	20.0
unknown6.72	6.72	41.9	ng	1459120	1	6.95	695784	20.0
unknown11.33	11.33	2.5	ng	85120	4	11.49	677089	20.0
Anthracene, 9-met...	11.99	2.8	ng	93945	4	11.49	677089	20.0
unknown12.02	12.02	2.5	ng	83413	4	11.49	677089	20.0
unknown13.95	13.95	2.5	ng	185891	5	14.14	1472260	20.0
unknown14.25	14.25	2.1	ng	152730	5	14.14	1472260	20.0
Bicyclo[10.8.0]ei...	15.04	2.3	ng	109643	6	15.68	937051	20.0
Benzo[e]pyrene	15.54	6.2	ng	289140	6	15.68	937051	20.0
Docosane	16.09	3.7	ng	172433	6	15.68	937051	20.0