LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110433.D
Acq On : 3 Nov 2018 1:04
Operator : JU/SJ
Sample : J5769-13 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FLOOD-AREA-3

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-BF102318.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	2.257	24	29	38	rVB	160265	215450	18.93%	1.354%
2	5.181	523	526	534	rBV	31467	39538	3.47%	0.248%
3	5.575	589	593	611	rVB	1013098	940690	82.64%	5.910%
4	6.575	759	763	782	rVB	1019453	1066825	93.72%	6.703%
5	6.722	784	788	796	rBV	1211147	1045615	91.85%	6.570%
6	6.957	824	828	834	rBV	581601	515630	45.30%	3.240%
7	7.110	850	854	866	rVB	978985	804572	70.68%	5.055%
8	7.516	919	923	933	rBV	625749	605388	53.18%	3.804%
9	8.239	1042	1046	1062	rBV	697761	667534	58.64%	4.194%
10	9.310	1224	1228	1237	rBV	1347887	1138348	100.00%	7.152%
11	9.704	1292	1295	1302	rVB	176240	180096	15.82%	1.132%
12	9.857	1318	1321	1326	rBV	18346	16652	1.46%	0.105%
13	9.998	1341	1345	1349	rBV	764593	664353	58.36%	4.174%
14	10.028	1349	1350	1355	rVB	24147	15788	1.39%	0.099%
15	10.545	1435	1438	1442	rBV2	16031	17812	1.56%	0.112%
16	10.786	1475	1479	1489	rBV	576944	542124	47.62%	3.406%
17	10.904	1496	1499	1504	rVB3	7056	14144	1.24%	0.089%
18	10.957	1504	1508	1509	rBV	14071	12988	1.14%	0.082%
19	11.092	1526	1531	1534	rBV4	8976	14551	1.28%	0.091%
20	11.133	1534	1538	1542	rVB4	11796	13745	1.21%	0.086%
21	11.333	1569	1572	1575	rBV4	11067	13372	1.17%	0.084%
22	11.486	1595	1598	1601	rBV	609847	609032	53.50%	3.827%
23	11.510	1601	1602	1607	rVV	314393	256273	22.51%	1.610%
24	11.563	1608	1611	1615	rVV	50050	51497	4.52%	0.324%
25	11.604	1615	1618	1621	rVB	14192	15000	1.32%	0.094%
26	11.722	1633	1638	1642	rBV	28072	34070	2.99%	0.214%
27	11.992	1680	1684	1686	rBV	77525	73617	6.47%	0.463%
28	12.022	1686	1689	1692	rVB2	57732	60664	5.33%	0.381%
29	12.104	1700	1703	1705	rBV2	70616	74757	6.57%	0.470%
30	12.127	1705	1707	1710	rVB	33036	28005	2.46%	0.176%
31	12.286	1725	1734	1736	rBV	34725	41836	3.68%	0.263%
32	12.316	1736	1739	1744	rVB	57834	53448	4.70%	0.336%
33	12.433	1753	1759	1761	rBV3	18284	24970	2.19%	0.157%
34	12.539	1773	1777	1780	rBV2	32973	41180	3.62%	0.259%

LSC Area Percent Report

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Sample : J5769-13 2X
Misc :
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Instrument : BNA_F
ClientSampleId : FLOOD-AREA-3

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.574	1780	1783	1786	rVV4	20281	29218	2.57%	0.184%
36	12.627	1789	1792	1797	rBV2	34627	41219	3.62%	0.259%
37	12.704	1801	1805	1809	rBV	807951	706961	62.10%	4.442%
38	12.769	1813	1816	1818	rBV2	15739	15258	1.34%	0.096%
39	12.839	1824	1828	1829	rBV4	13308	18399	1.62%	0.116%
40	12.939	1838	1845	1850	rBV	626967	728687	64.01%	4.578%
41	12.980	1850	1852	1855	rVB2	32816	31966	2.81%	0.201%
42	13.069	1858	1867	1870	rBV	969389	860900	75.63%	5.409%
43	13.098	1870	1872	1875	rVB	33946	29981	2.63%	0.188%
44	13.157	1877	1882	1885	rBV2	36644	65401	5.75%	0.411%
45	13.239	1892	1896	1897	rBV3	36845	46348	4.07%	0.291%
46	13.263	1897	1900	1904	rVV3	88964	95903	8.42%	0.603%
47	13.327	1908	1911	1913	rBV2	62267	49619	4.36%	0.312%
48	13.369	1913	1918	1920	rBV2	49449	60544	5.32%	0.380%
49	13.463	1931	1934	1936	rBV	29271	28106	2.47%	0.177%
50	13.492	1936	1939	1944	rVV2	35738	42316	3.72%	0.266%
51	13.616	1957	1960	1963	rBV3	19958	25310	2.22%	0.159%
52	13.774	1984	1987	1990	rVB	64420	61144	5.37%	0.384%
53	13.886	2002	2006	2008	rBV2	62290	68580	6.02%	0.431%
54	13.910	2008	2010	2012	rVV	56216	44859	3.94%	0.282%
55	13.945	2012	2016	2019	rVV2	117605	146953	12.91%	0.923%
56	13.980	2020	2022	2026	rVB	62270	56681	4.98%	0.356%
57	14.086	2037	2040	2042	rBV	45666	35961	3.16%	0.226%
58	14.133	2043	2048	2051	rVV2	575000	793674	69.72%	4.987%
59	14.163	2051	2053	2060	rVB	306806	261899	23.01%	1.646%
60	14.239	2064	2066	2068	rBV	42234	40854	3.59%	0.257%
61	14.363	2083	2087	2090	rBV2	30797	48263	4.24%	0.303%
62	15.210	2226	2231	2233	rBV	247355	368042	32.33%	2.312%
63	15.233	2233	2235	2239	rVB2	185344	191089	16.79%	1.201%
64	15.527	2281	2285	2291	rVB	150438	190857	16.77%	1.199%
65	15.592	2292	2296	2300	rBV	192519	249726	21.94%	1.569%
66	15.662	2304	2308	2311	rVB	215057	252538	22.18%	1.587%
67	16.092	2378	2381	2387	rVB3	56547	80554	7.08%	0.506%
68	17.227	2569	2574	2583	rVB3	97644	238546	20.96%	1.499%

Sum of corrected areas: 15915920

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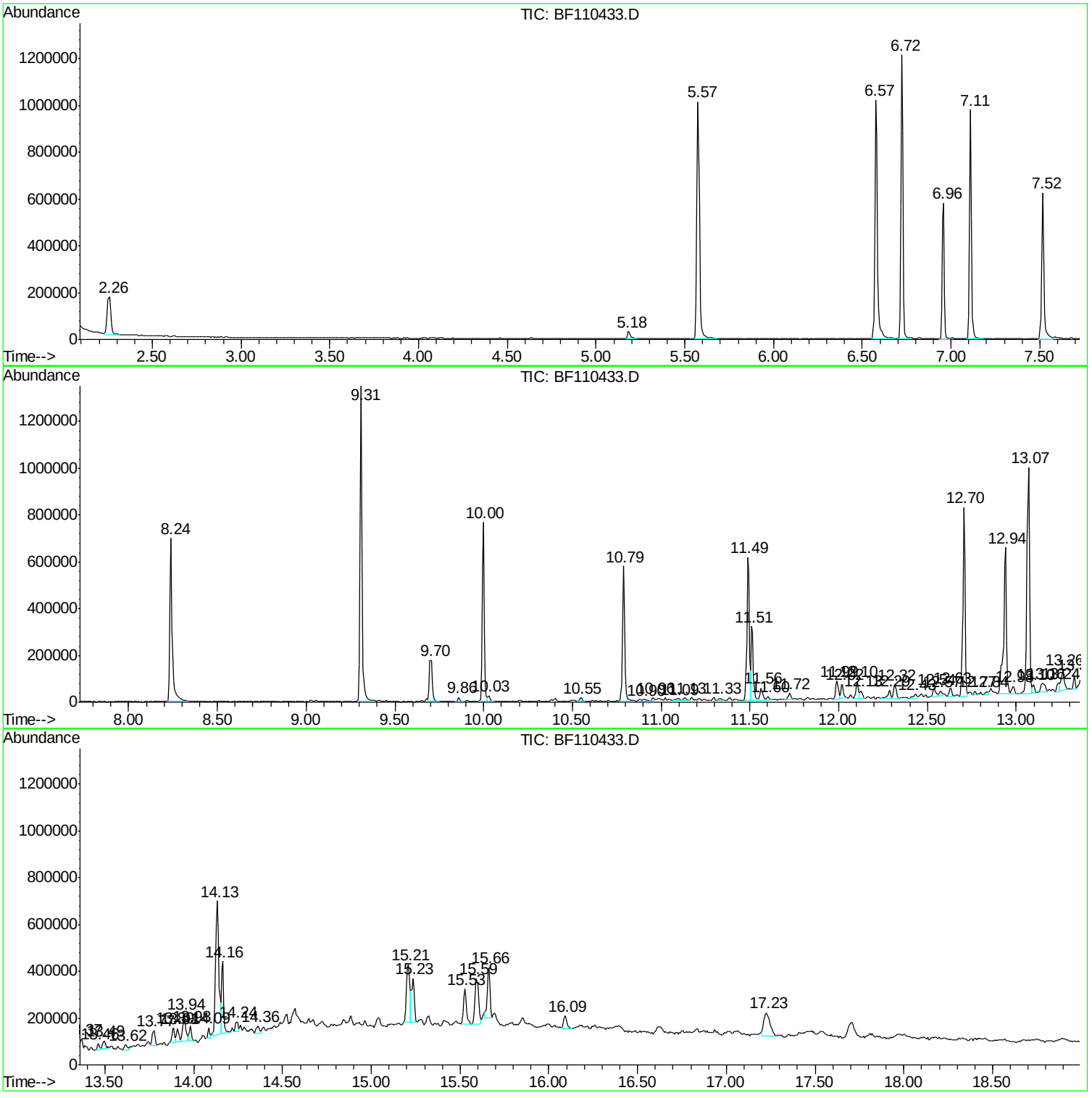
Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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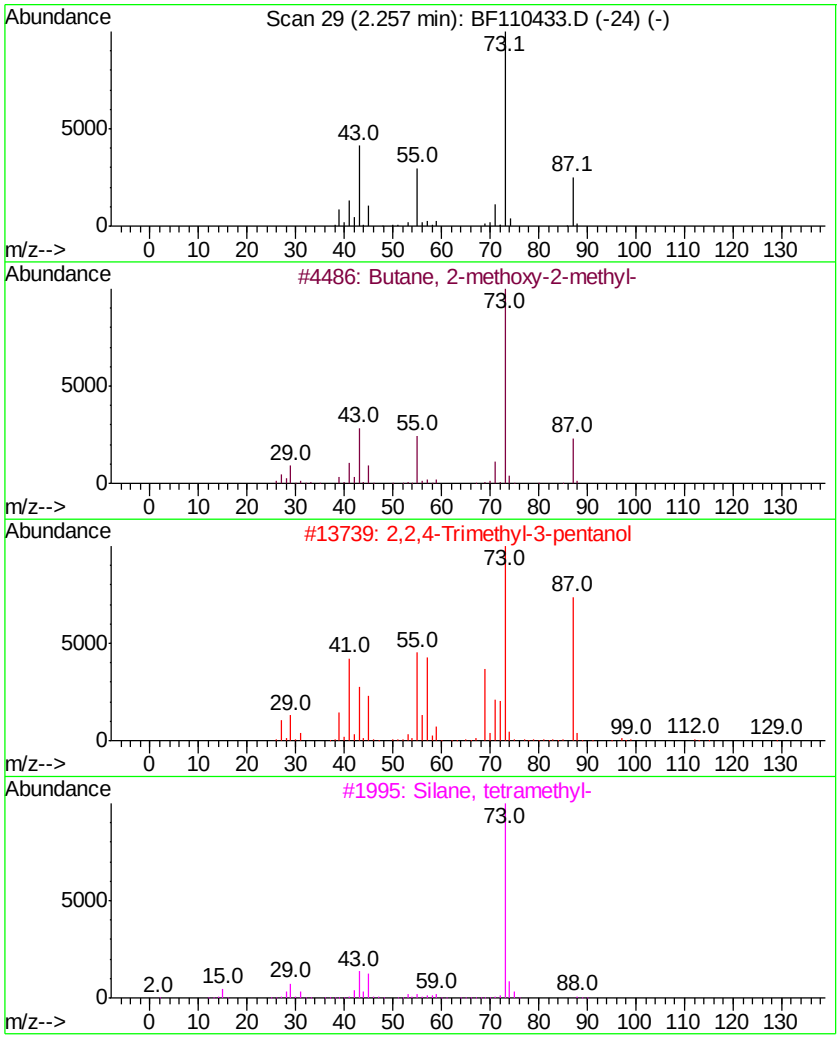
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

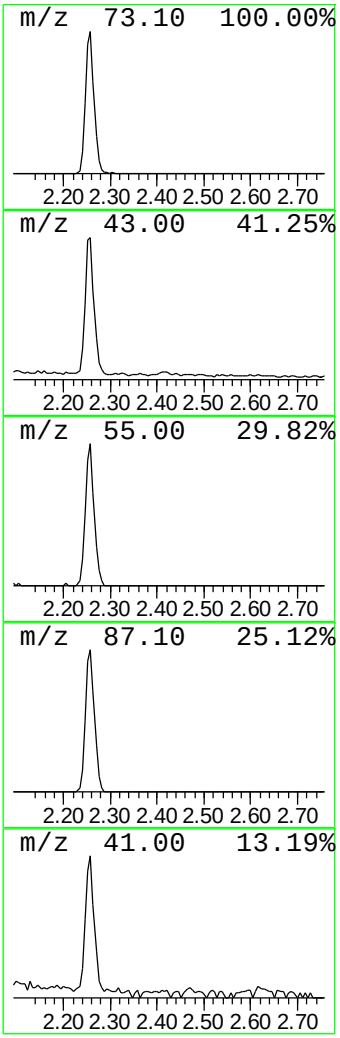
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	8.36 ng	215450	1,4-Dichlorobenzene-d4	6.96

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





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Misc :
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Instrument : BNA_F
ClientSampleId : FLOOD-AREA-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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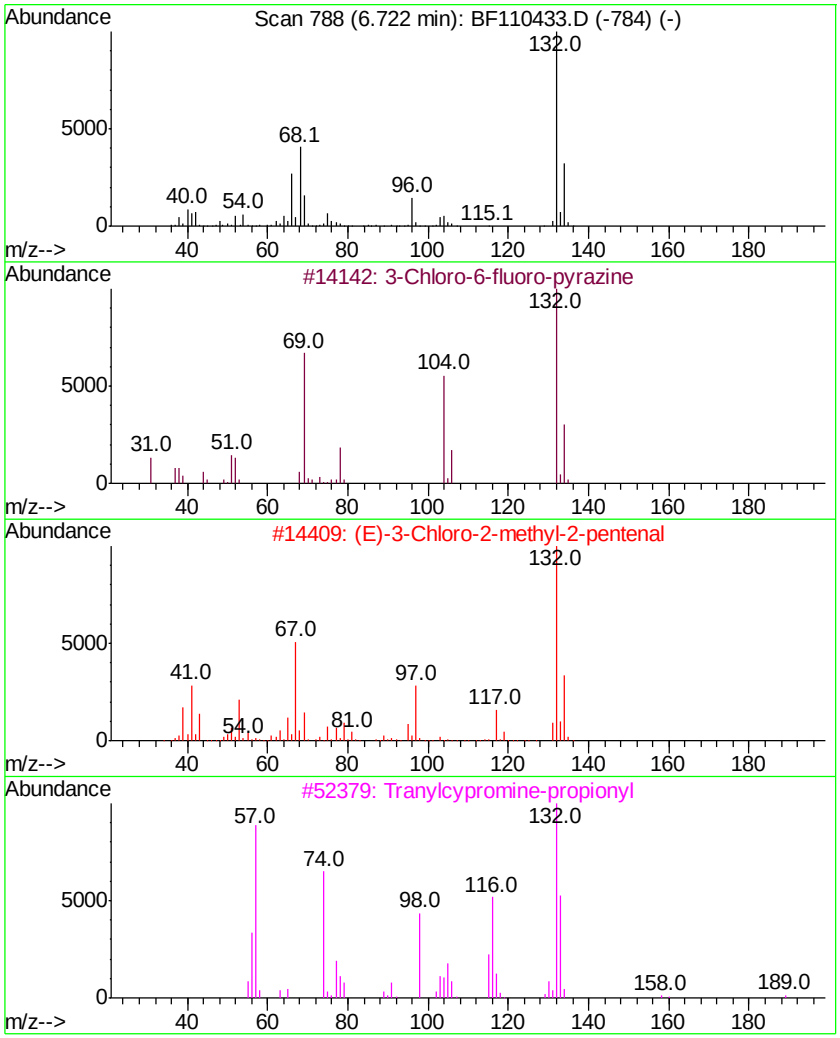
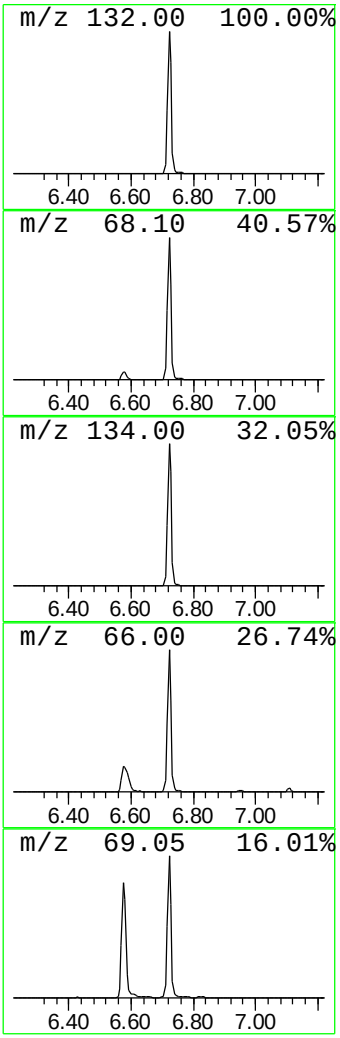
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	40.56 ng	1045620	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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Misc :
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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
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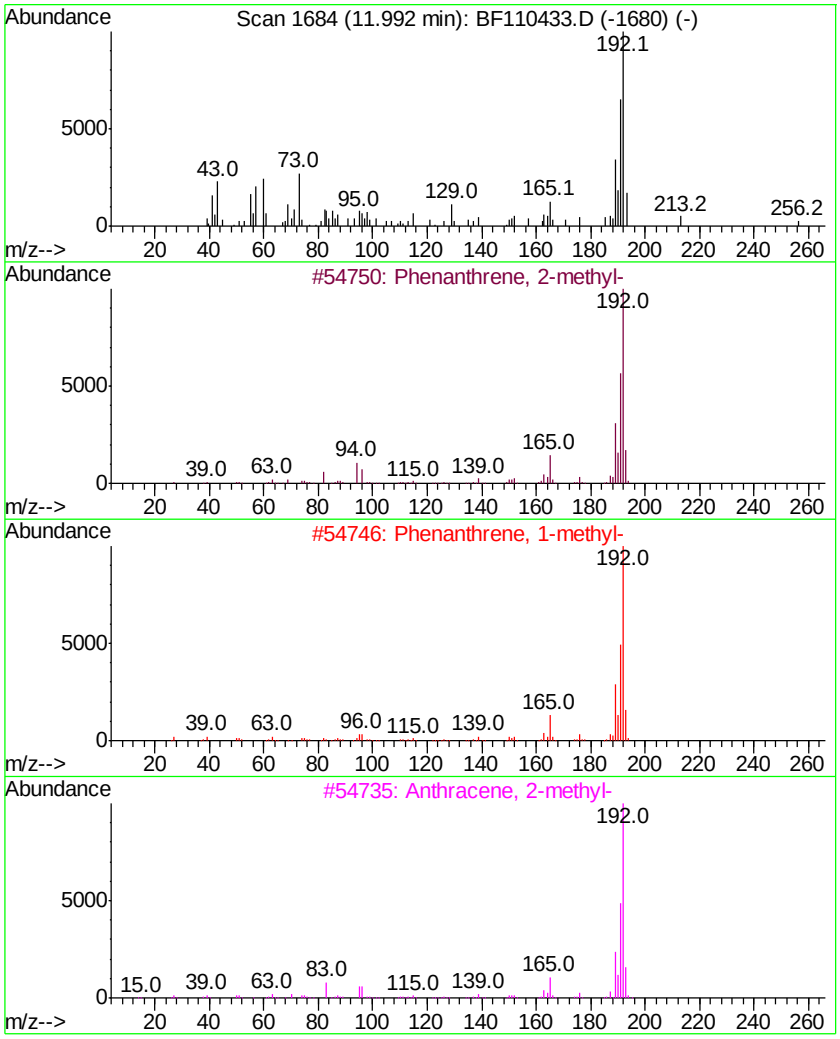
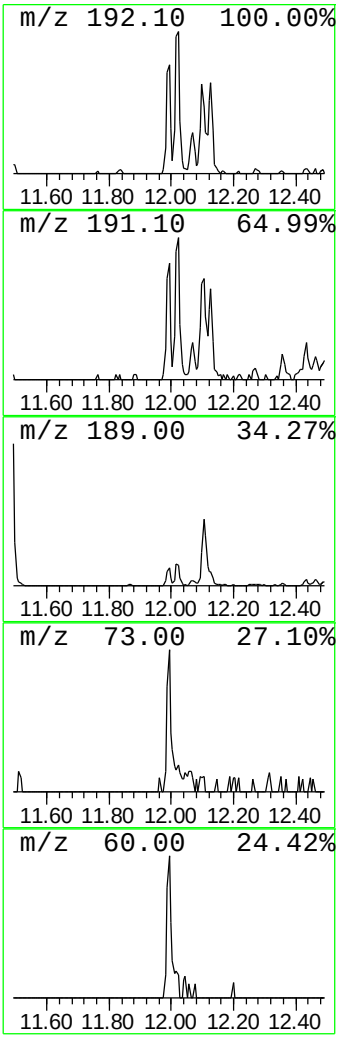
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.42 ng	73617	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64





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Instrument : BNA_F
ClientSampleId : FLOOD-AREA-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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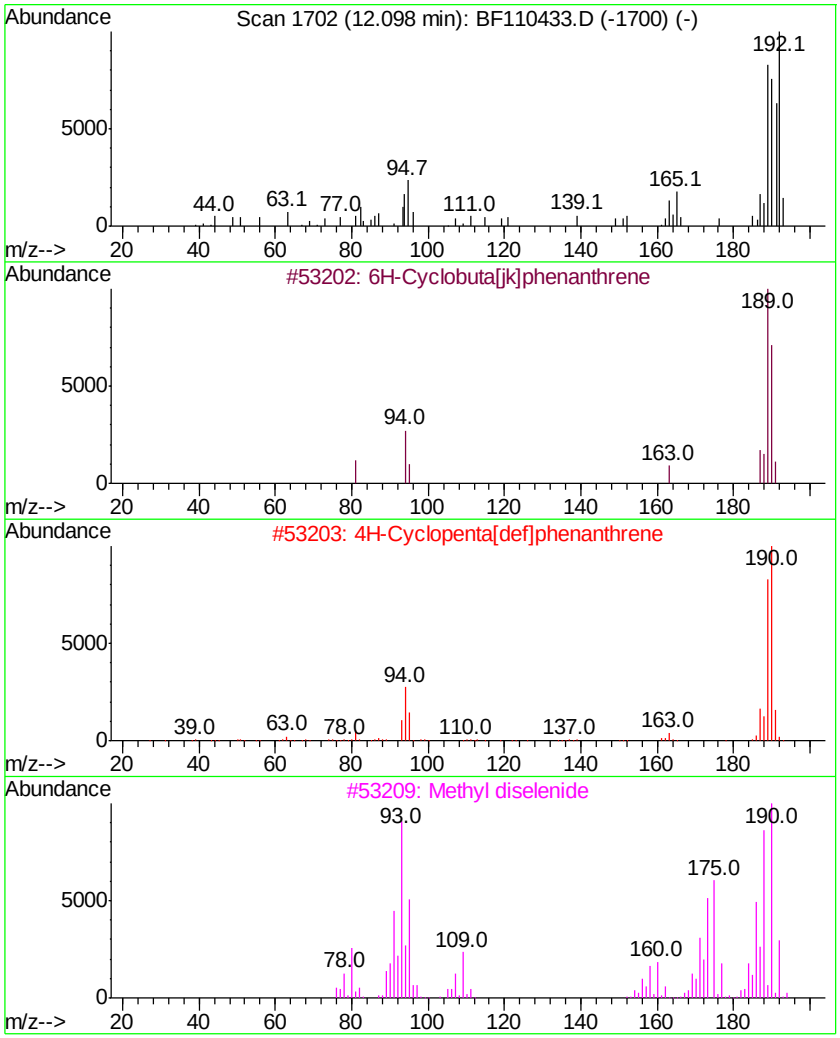
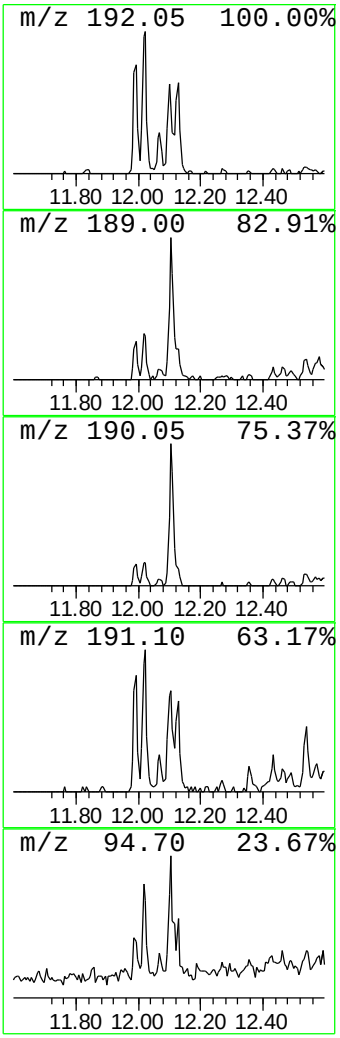
Peak Number 5 6H-Cyclobuta[jk]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.45 ng	74757	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	9





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ClientSampleId : FLOOD-AREA-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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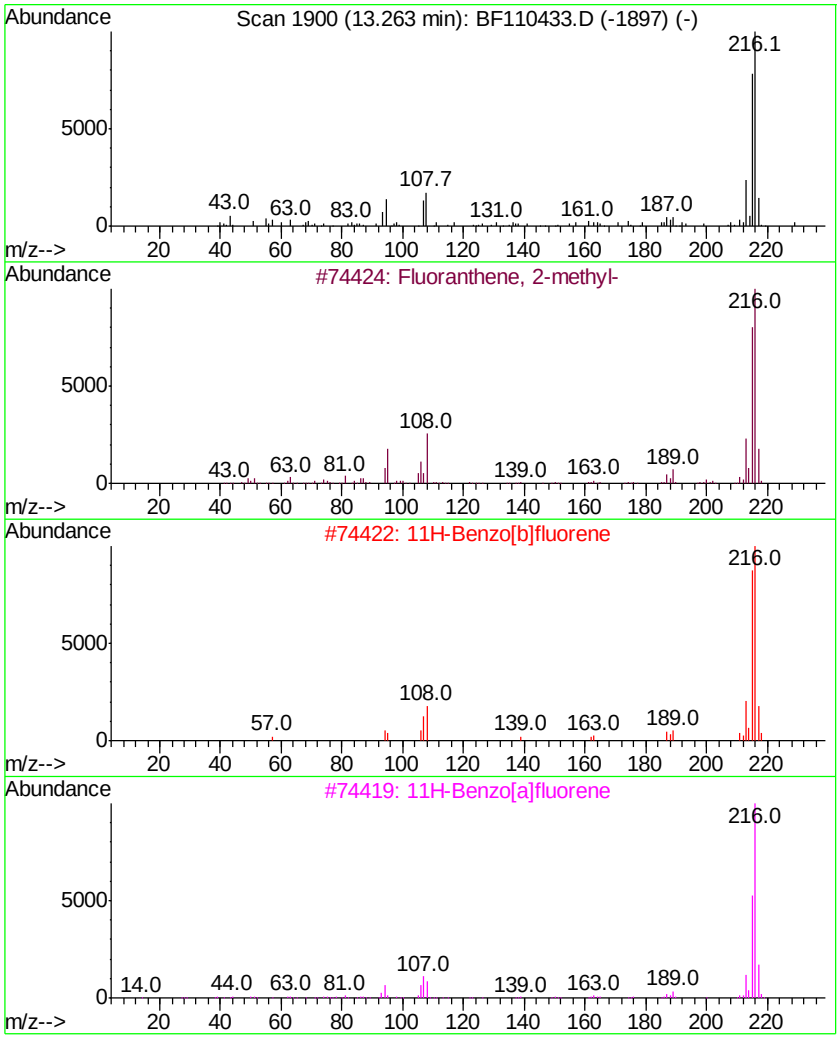
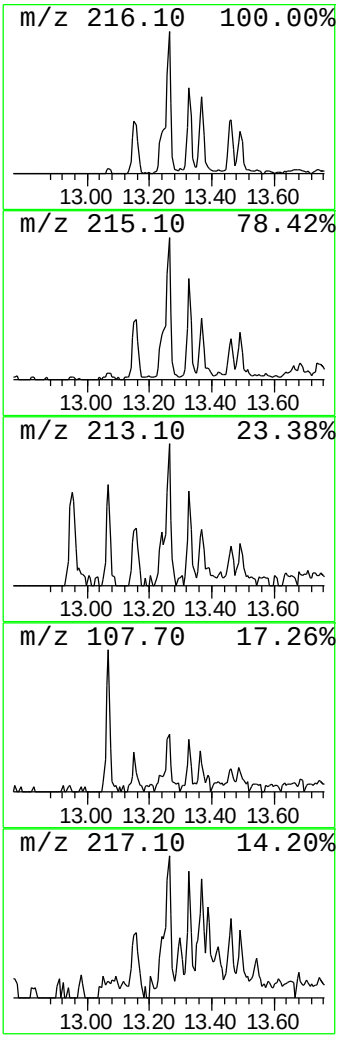
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.42 ng	95903	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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Misc :
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Instrument : BNA_F
ClientSampleId : FLOOD-AREA-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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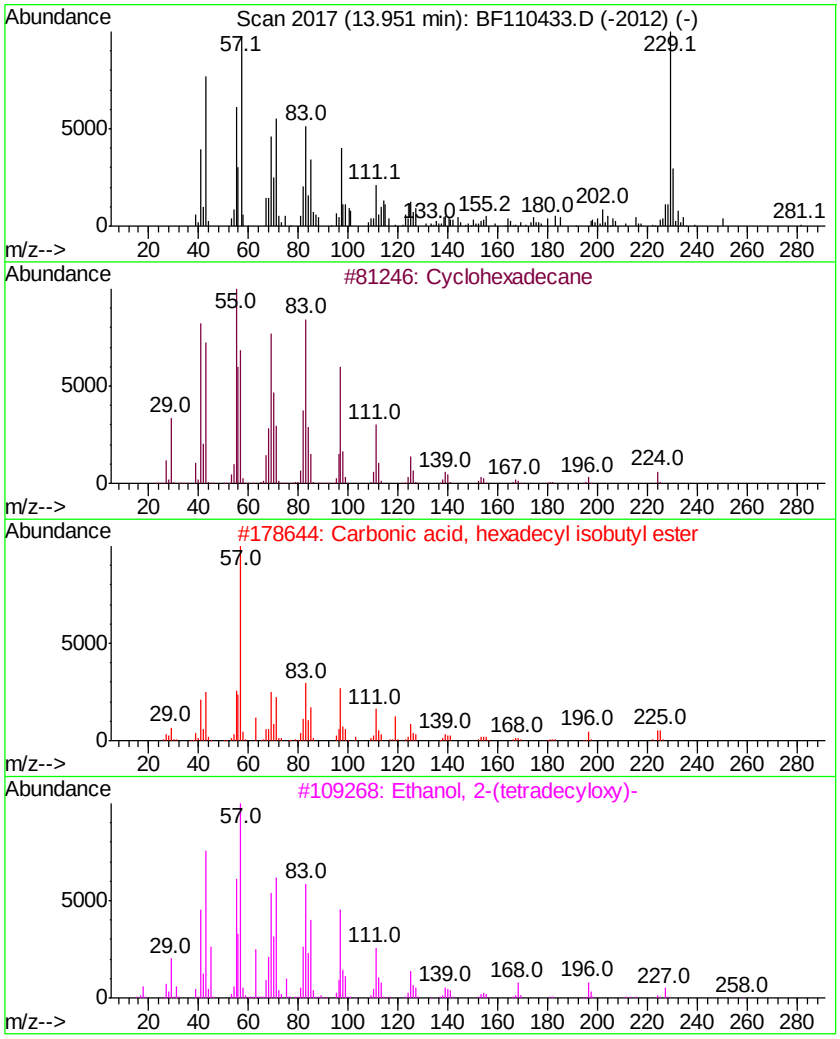
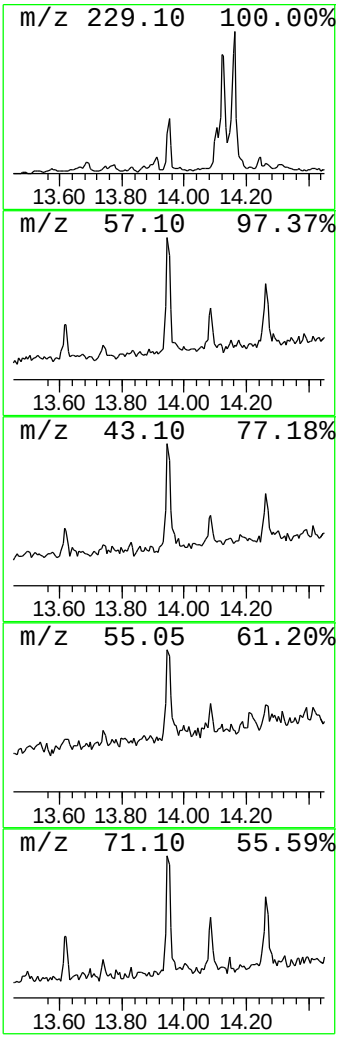
Peak Number 7 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.70 ng	146953	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	58
2	Carbonic acid, hexadecyl isobuty...	342	C21H42O3	1000314-61-3	49
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	45
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	45
5	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	43





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : FLOOD-AREA-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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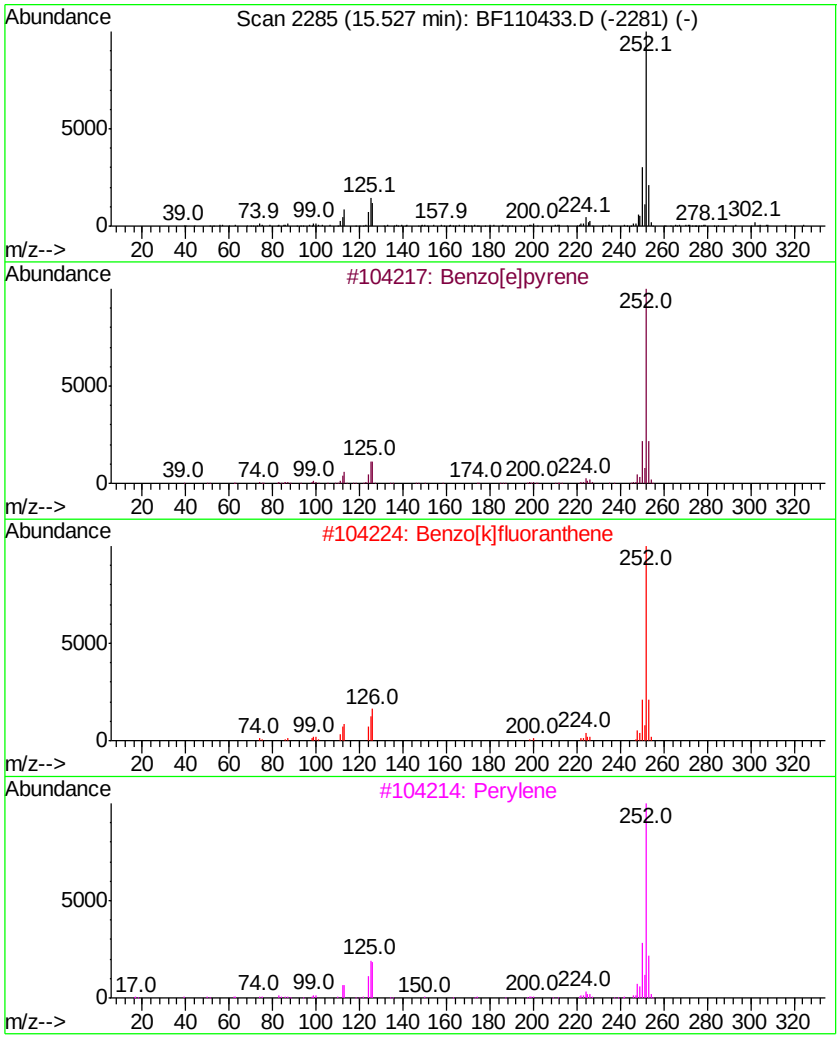
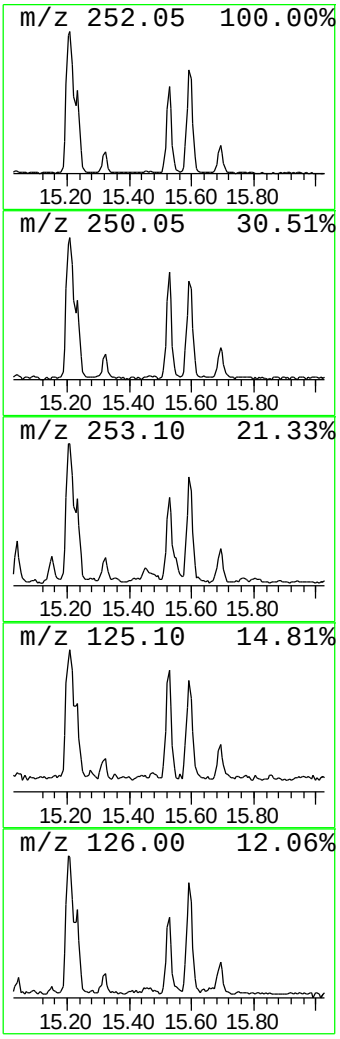
Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	15.12 ng	190857	Perylene-d12	15.66

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	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110433.D
Acq On : 3 Nov 2018 1:04
Operator : JU/SJ
Sample : J5769-13 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FLOOD-AREA-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

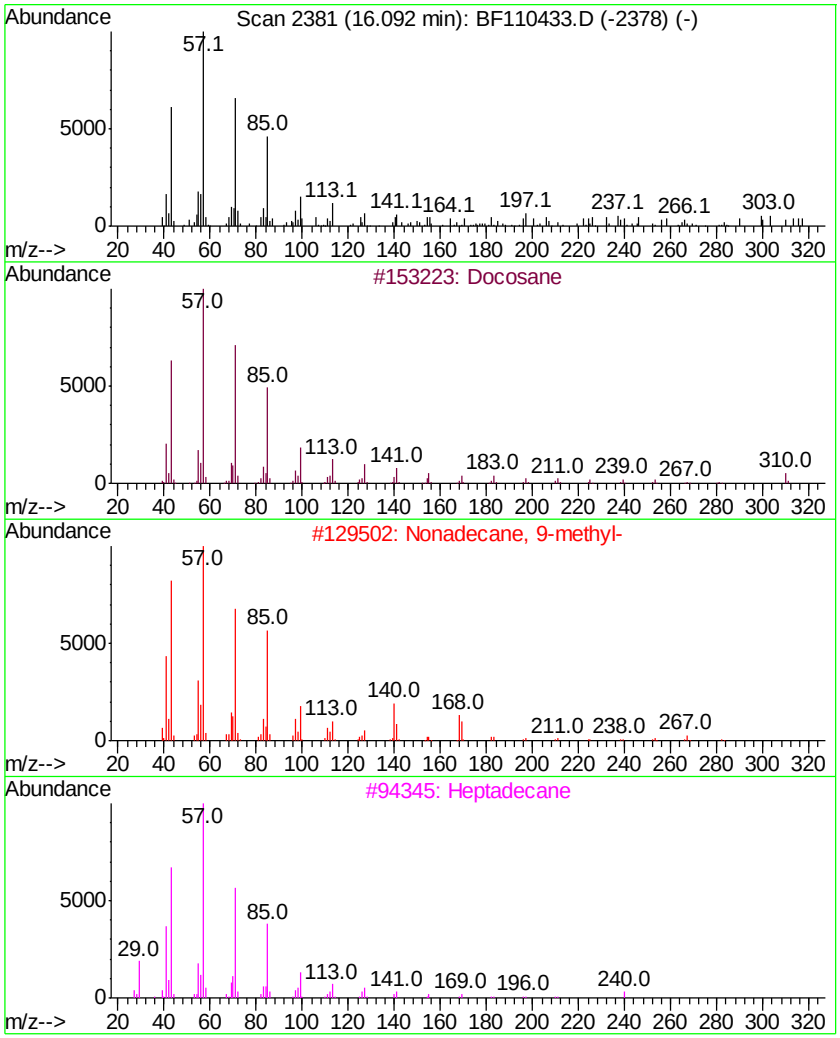
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

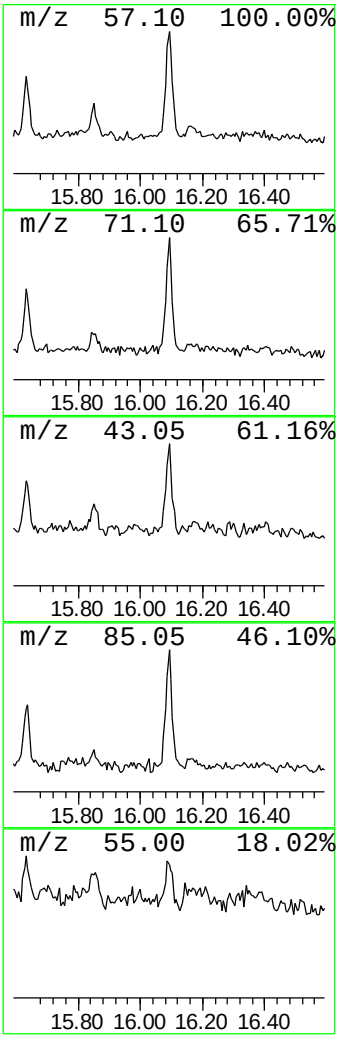
****

Peak Number 9 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	6.38 ng	80554	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
3	Heptadecane	240	C17H36	000629-78-7	70
4	Hexadecane	226	C16H34	000544-76-3	64
5	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110218\
Data File : BF110433.D
Acq On : 3 Nov 2018 1:04
Operator : JU/SJ
Sample : J5769-13 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FLOOD-AREA-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	2.26	8.4	ng	215450	1	6.96	515630	20.0
unknown6.72	6.72	40.6	ng	1045620	1	6.96	515630	20.0
Phenanthrene, 2-m...	11.99	2.4	ng	73617	4	11.49	609032	20.0
6H-Cyclobuta[jk]p...	12.10	2.5	ng	74757	4	11.49	609032	20.0
Fluoranthene, 2-m...	13.26	2.4	ng	95903	5	14.13	793674	20.0
Cyclohexadecane	13.95	3.7	ng	146953	5	14.13	793674	20.0
Benzo[e]pyrene	15.53	15.1	ng	190857	6	15.66	252538	20.0
Docosane	16.09	6.4	ng	80554	6	15.66	252538	20.0