LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110948.D
Acq On : 23 Nov 2018 17:07
Operator : JU/SJ
Sample : J5999-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

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-BF110818.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	2.222	19	23	34	rVB	83976	127365	8.64%	0.782%
2	5.175	522	525	536	rBV	44200	69401	4.71%	0.426%
3	5.557	586	590	608	rBV	1318155	1377386	93.44%	8.455%
4	6.204	696	700	704	rBB	105030	89963	6.10%	0.552%
5	6.563	757	761	770	rBV	1401219	1443386	97.92%	8.860%
6	6.622	770	771	781	rVV	25436	33118	2.25%	0.203%
7	6.704	781	785	800	rVB	1692144	1474047	100.00%	9.049%
8	6.933	821	824	832	rBV	472891	413428	28.05%	2.538%
9	7.086	847	850	867	rBV	972903	983657	66.73%	6.038%
10	7.504	917	921	938	rBV	847398	907496	61.56%	5.571%
11	7.910	985	990	995	rBV	27208	27789	1.89%	0.171%
12	8.216	1039	1042	1056	rBV	466612	533177	36.17%	3.273%
13	9.286	1221	1224	1234	rBV	1036826	1000498	67.87%	6.142%
14	9.686	1289	1292	1298	rVB	79906	72718	4.93%	0.446%
15	9.974	1338	1341	1345	rBV	527692	514989	34.94%	3.161%
16	10.010	1345	1347	1352	rVB	26883	24341	1.65%	0.149%
17	10.774	1473	1477	1483	rBV	667943	711005	48.23%	4.365%
18	10.827	1483	1486	1489	rVB2	18470	19090	1.30%	0.117%
19	11.174	1542	1545	1549	rBV	22464	21910	1.49%	0.134%
20	11.474	1592	1596	1598	rBV	528894	463533	31.45%	2.845%
21	11.498	1598	1600	1606	rVV	204512	181536	12.32%	1.114%
22	11.557	1606	1610	1616	rVB	42948	53672	3.64%	0.329%
23	11.716	1634	1637	1643	rBV2	15163	19570	1.33%	0.120%
24	11.974	1677	1681	1685	rBV	186876	176088	11.95%	1.081%
25	12.010	1685	1687	1692	rVB2	39675	39657	2.69%	0.243%
26	12.092	1698	1701	1703	rBV2	42467	42287	2.87%	0.260%
27	12.527	1772	1775	1778	rBV	26318	25703	1.74%	0.158%
28	12.692	1799	1803	1811	rBV	397939	353512	23.98%	2.170%
29	12.757	1811	1814	1818	rBV2	60498	63063	4.28%	0.387%
30	12.904	1836	1839	1840	rBV	70509	55867	3.79%	0.343%
31	12.927	1840	1843	1848	rVV	341403	322755	21.90%	1.981%
32	12.974	1848	1851	1855	rVB	18365	18835	1.28%	0.116%
33	13.051	1861	1864	1868	rBV	928059	786994	53.39%	4.831%
34	13.145	1875	1880	1885	rBV3	31652	52751	3.58%	0.324%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5999-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.233	1890	1895	1896	rBV3	42865	50133	3.40%	0.308%
36	13.257	1896	1899	1903	rVB	62316	71107	4.82%	0.437%
37	13.321	1907	1910	1913	rVV	37335	39118	2.65%	0.240%
38	13.357	1913	1916	1923	rVB3	30712	54272	3.68%	0.333%
39	13.451	1929	1932	1935	rBV	22492	21462	1.46%	0.132%
40	13.486	1935	1938	1940	rBV	19053	18699	1.27%	0.115%
41	13.527	1941	1945	1948	rVV2	31367	39959	2.71%	0.245%
42	13.598	1954	1957	1959	rVB2	22828	19682	1.34%	0.121%
43	13.774	1984	1987	1990	rBV	24134	25740	1.75%	0.158%
44	13.809	1990	1993	1998	rVB	109021	106428	7.22%	0.653%
45	13.880	2002	2005	2007	rVV2	43612	47400	3.22%	0.291%
46	13.927	2010	2013	2020	rVV4	182527	252027	17.10%	1.547%
47	13.986	2020	2023	2027	rVB	36830	40852	2.77%	0.251%
48	14.068	2035	2037	2040	rVB	29139	22104	1.50%	0.136%
49	14.127	2040	2047	2050	rBV2	621206	786468	53.35%	4.828%
50	14.151	2050	2051	2057	rVB	189743	165830	11.25%	1.018%
51	14.239	2063	2066	2069	rBV2	57049	57401	3.89%	0.352%
52	14.292	2073	2075	2080	rVB3	23300	24028	1.63%	0.147%
53	14.515	2111	2113	2116	rVB	36248	29313	1.99%	0.180%
54	14.551	2116	2119	2123	rBV2	73298	87671	5.95%	0.538%
55	14.715	2145	2147	2149	rVB3	30329	25043	1.70%	0.154%
56	14.862	2168	2172	2178	rBV2	103041	130347	8.84%	0.800%
57	15.209	2226	2231	2242	rBV2	247158	465876	31.61%	2.860%
58	15.321	2248	2250	2257	rVB	26908	36595	2.48%	0.225%
59	15.527	2281	2285	2293	rVB	88104	120543	8.18%	0.740%
60	15.598	2293	2297	2303	rBV2	182057	284723	19.32%	1.748%
61	15.656	2303	2307	2312	rBV2	244729	330579	22.43%	2.029%
62	16.056	2370	2375	2380	rVB2	102541	162237	11.01%	0.996%
63	16.580	2459	2464	2470	rVB2	43581	74024	5.02%	0.454%
64	17.203	2565	2570	2573	rBV3	13729	27188	1.84%	0.167%
65	17.245	2575	2577	2586	rVB2	40556	68416	4.64%	0.420%
66	17.739	2656	2661	2673	rVB2	34324	104405	7.08%	0.641%

Sum of corrected areas: 16290257

LSC Report - Integrated Chromatogram

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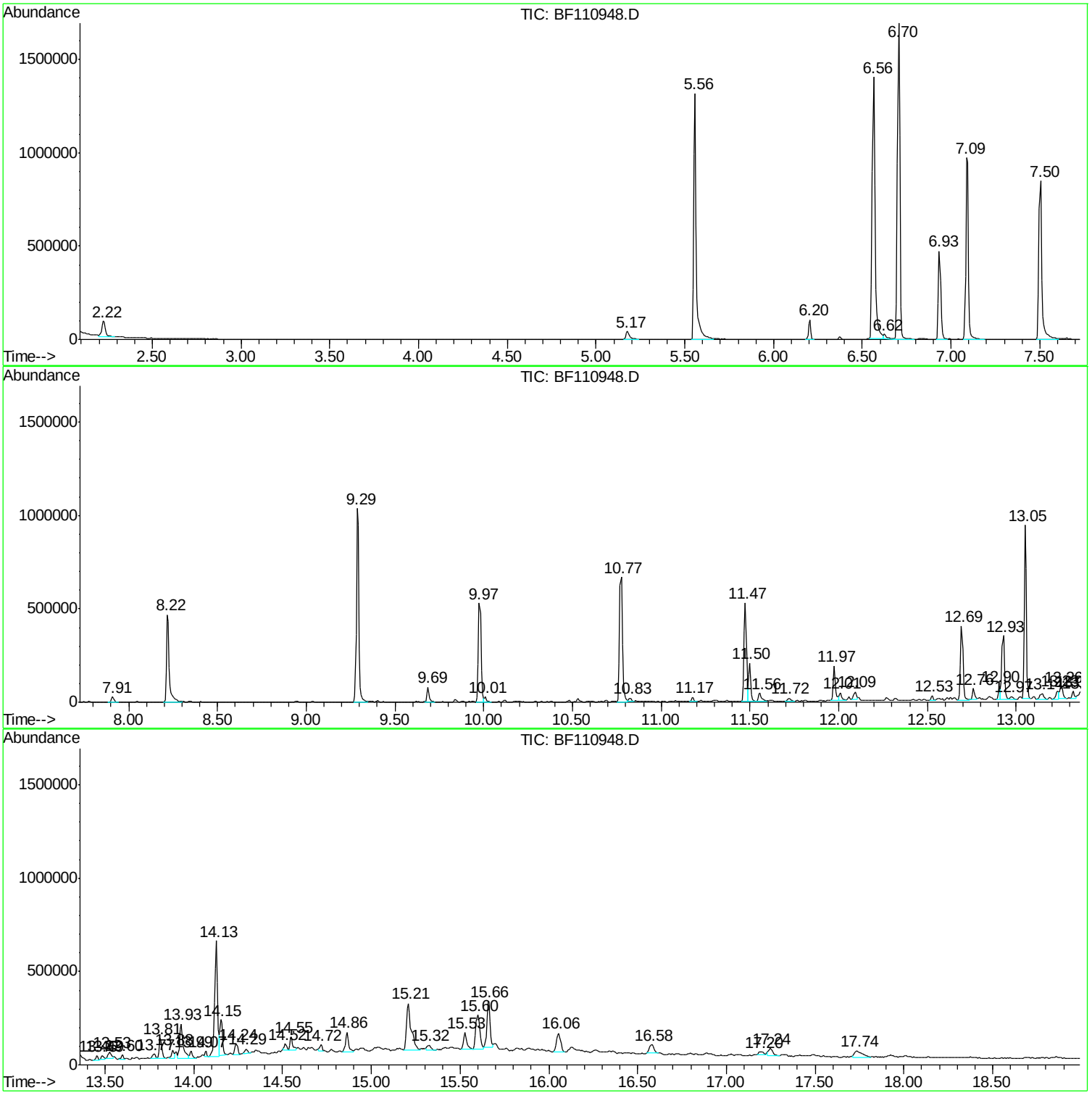
Sample : J5999-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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\BF112318\
Data File : BF110948.D
Acq On : 23 Nov 2018 17:07
Operator : JU/SJ
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Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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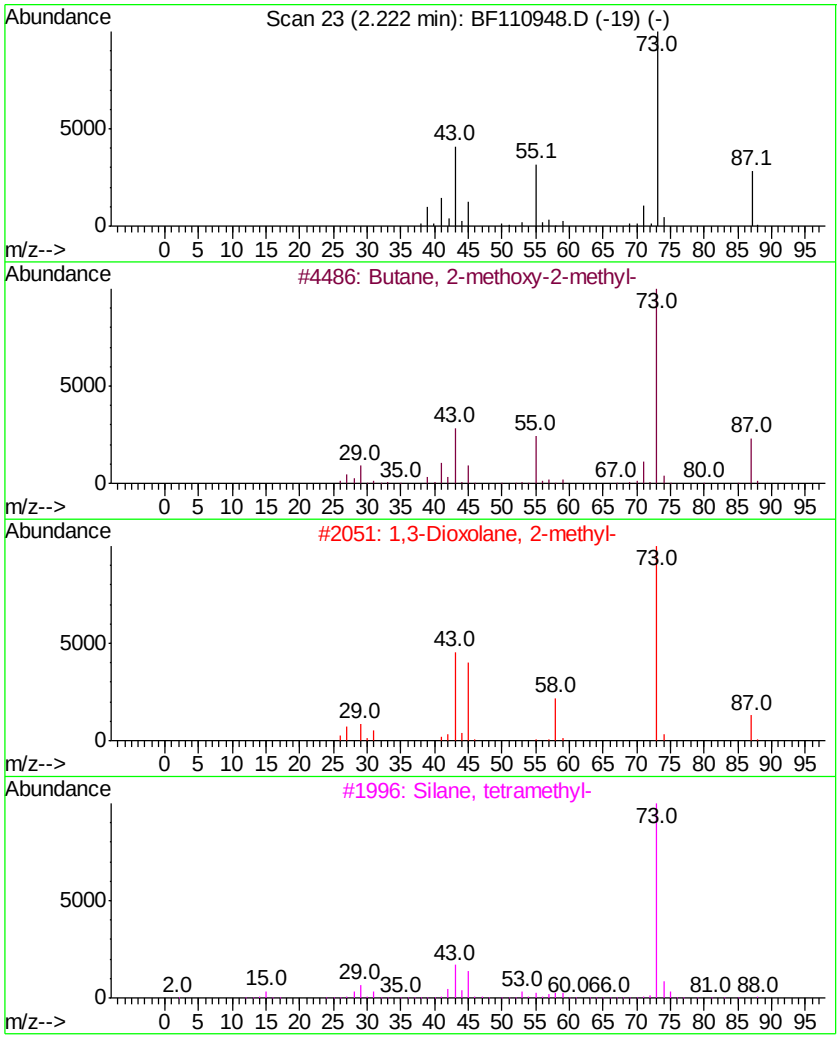
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

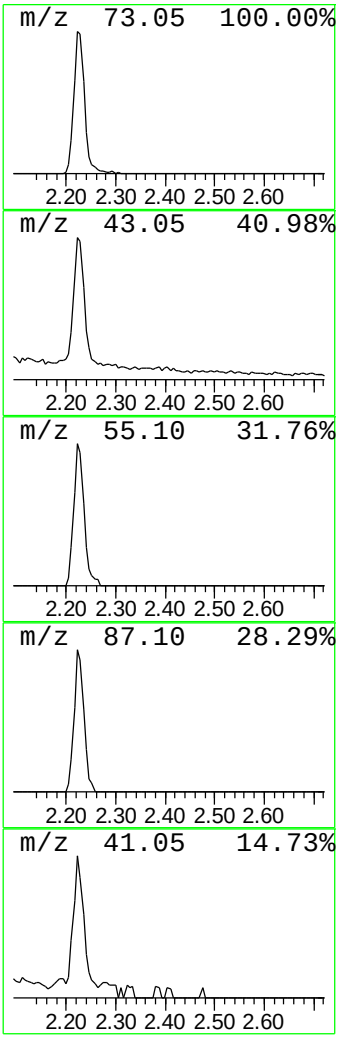
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	6.16 ng	127365	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





Library Search Compound Report

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Data File : BF110948.D
Acq On : 23 Nov 2018 17:07
Operator : JU/SJ
Sample : J5999-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

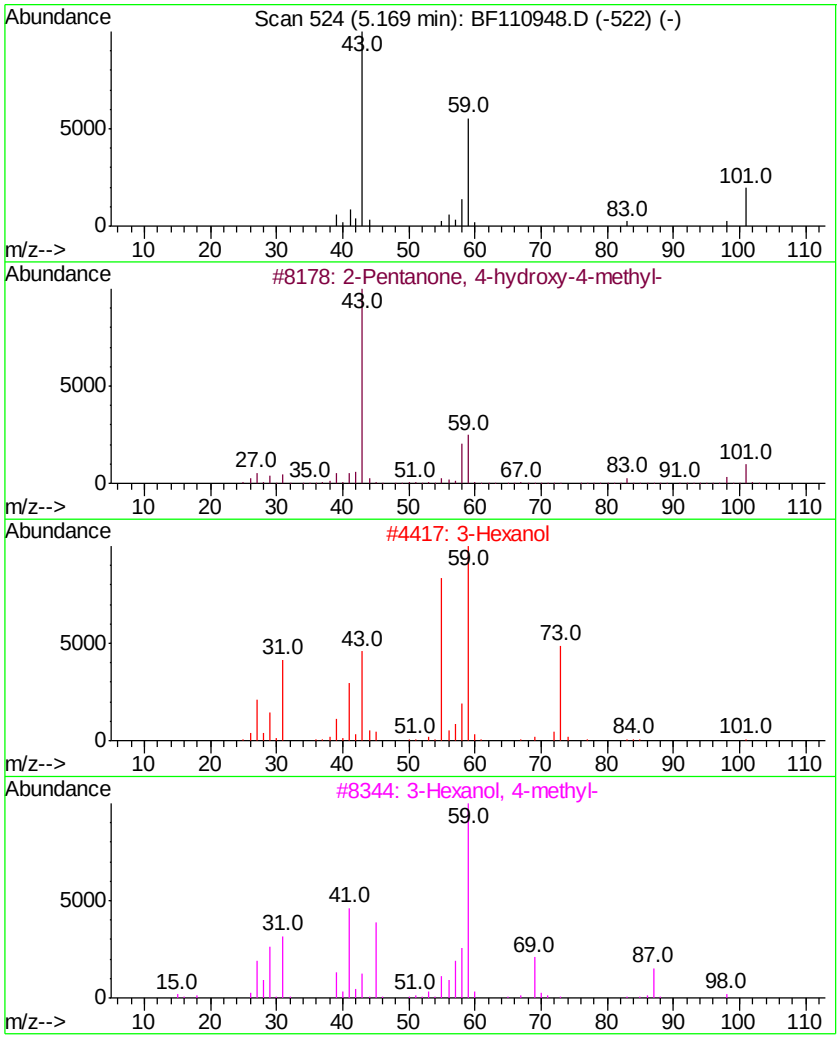
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

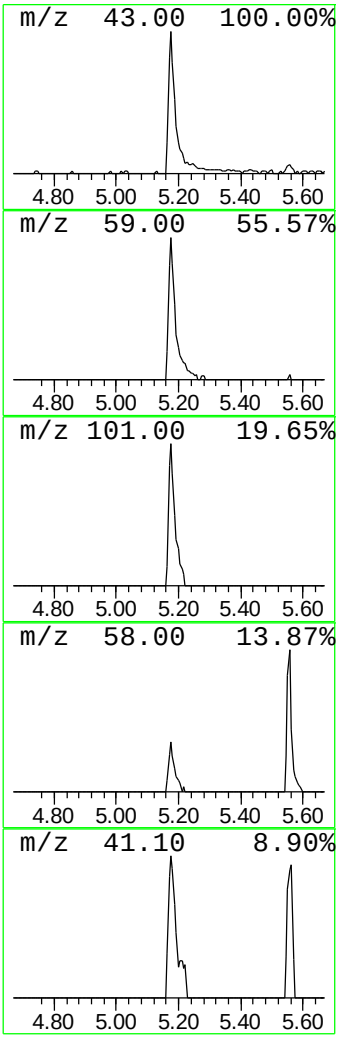
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	3.36 ng	69401	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

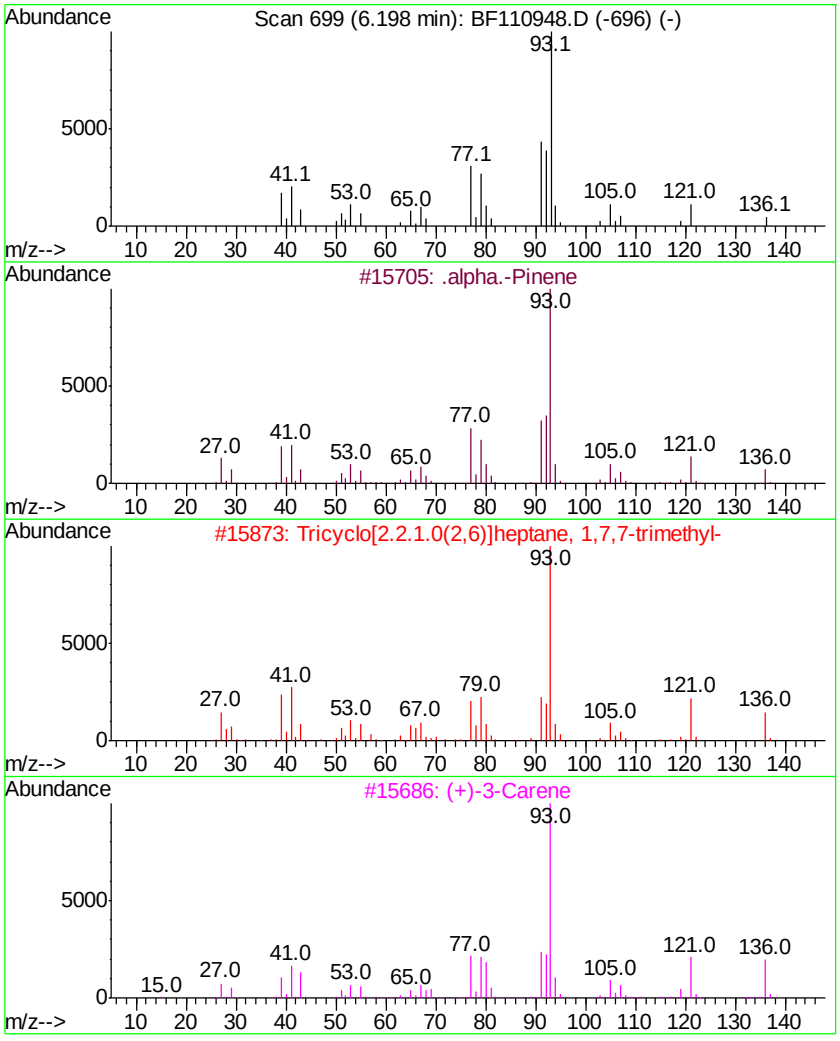
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

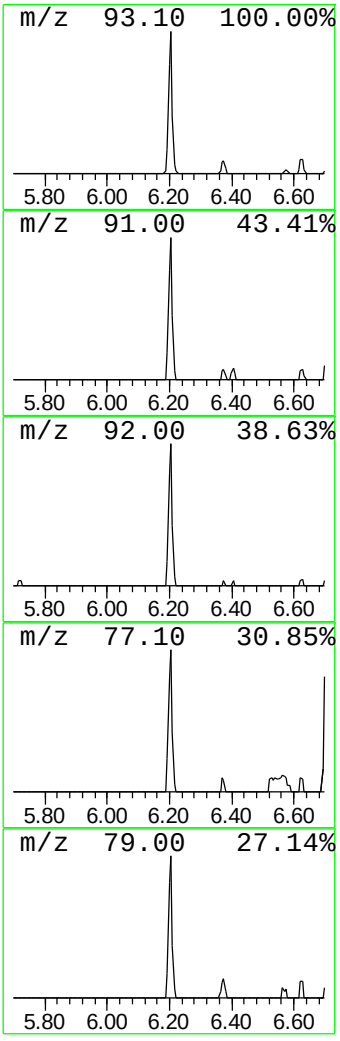
****

Peak Number 3 .alpha.-Pinene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	4.35 ng	89963	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	(+)-3-Carene	136	C10H16	000498-15-7	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	trans-.beta.-Ocimene	136	C10H16	003779-61-1	91





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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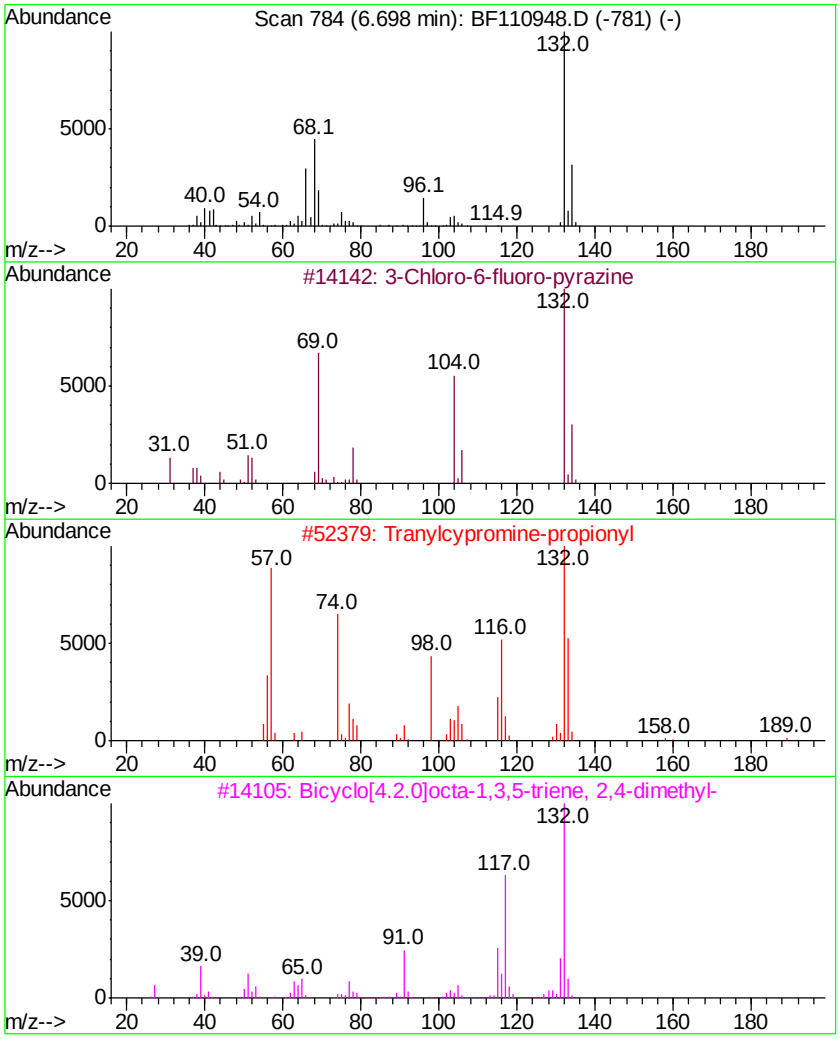
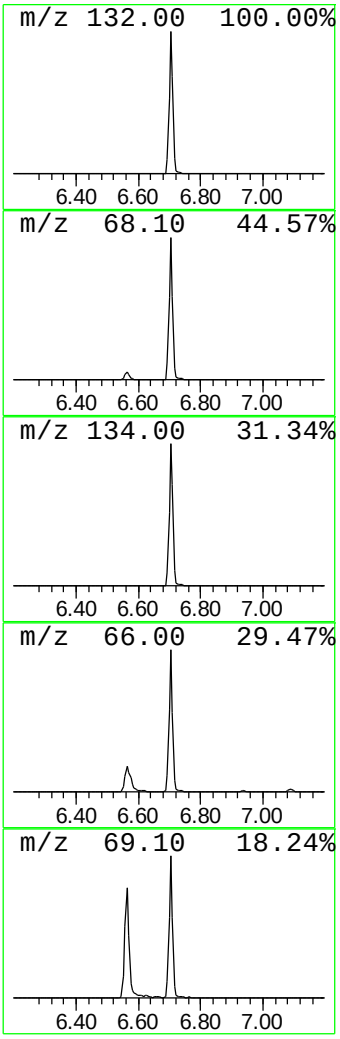
****

Peak Number 4 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	71.31 ng	1474050	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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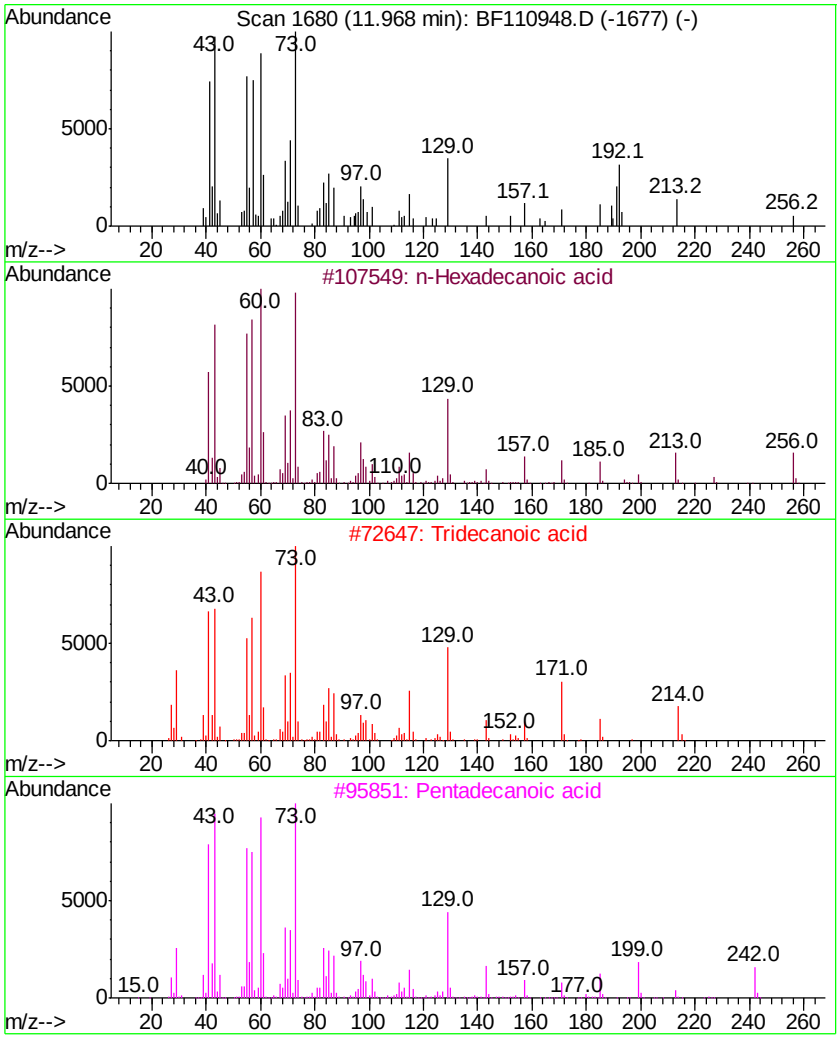
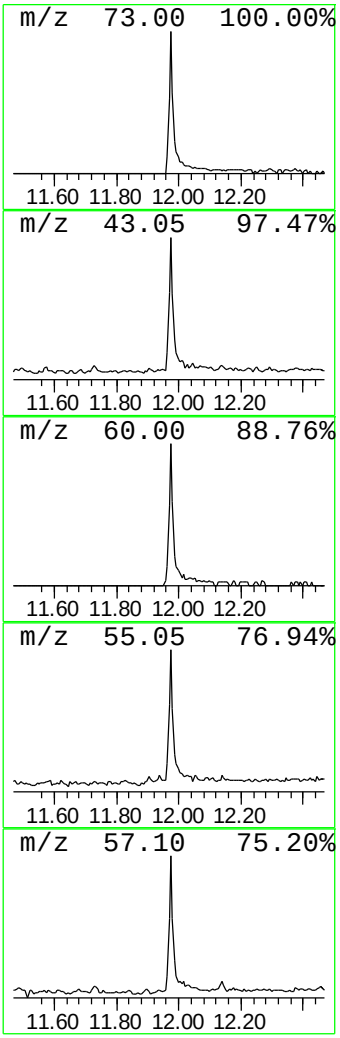
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	7.60 ng	176088	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25





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Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

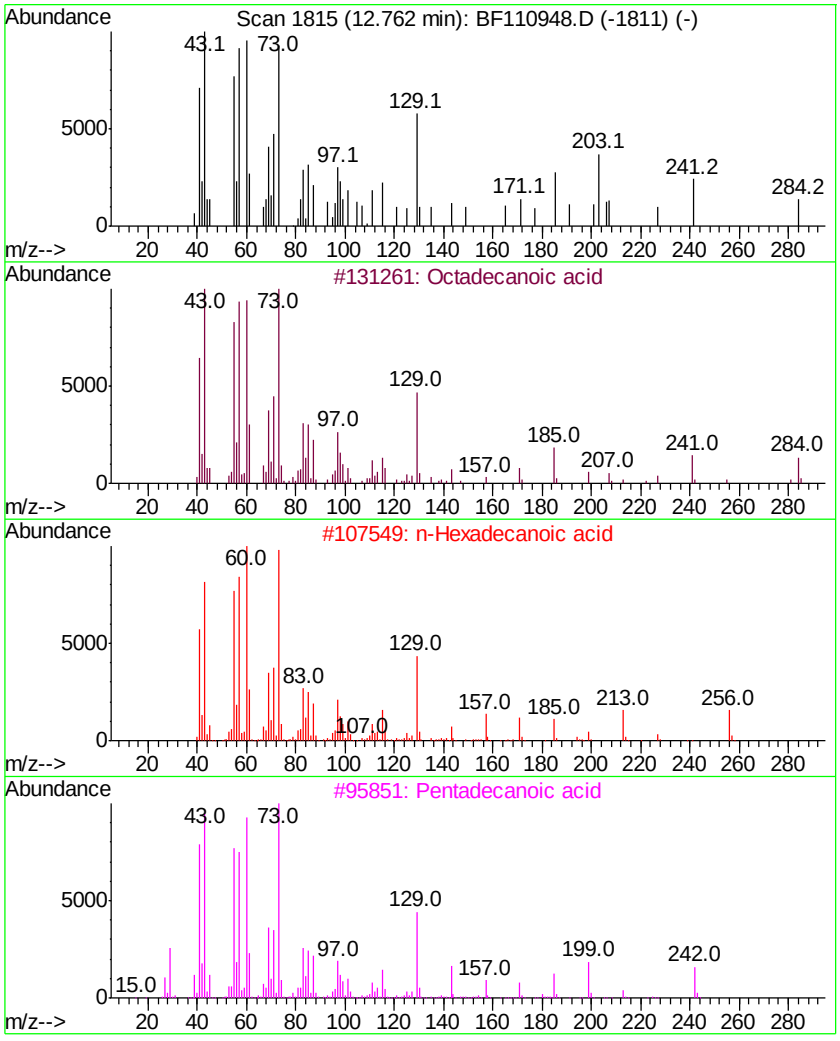
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

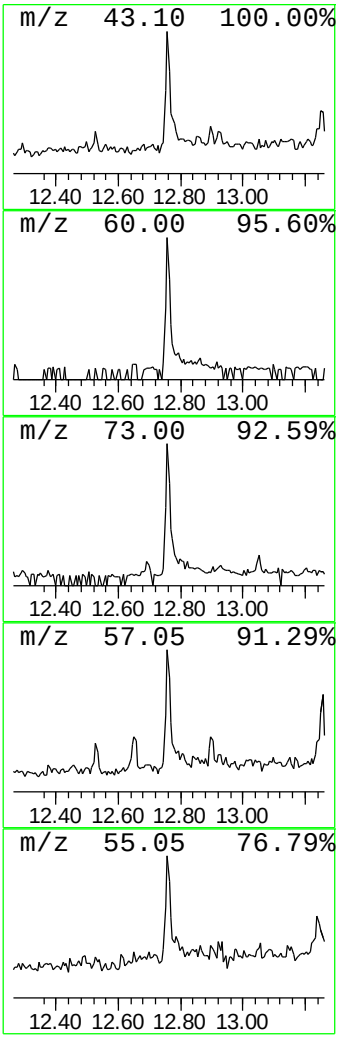
****

Peak Number 7 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.72 ng	63063	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110948.D
Acq On : 23 Nov 2018 17:07
Operator : JU/SJ
Sample : J5999-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

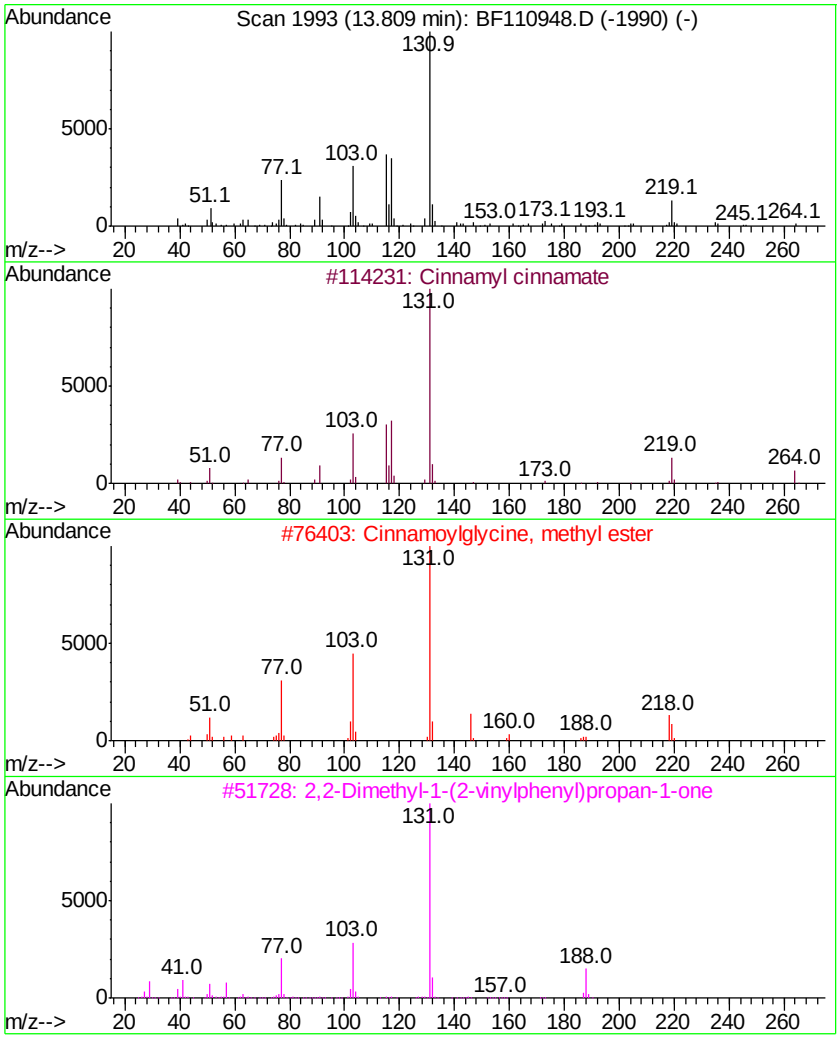
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

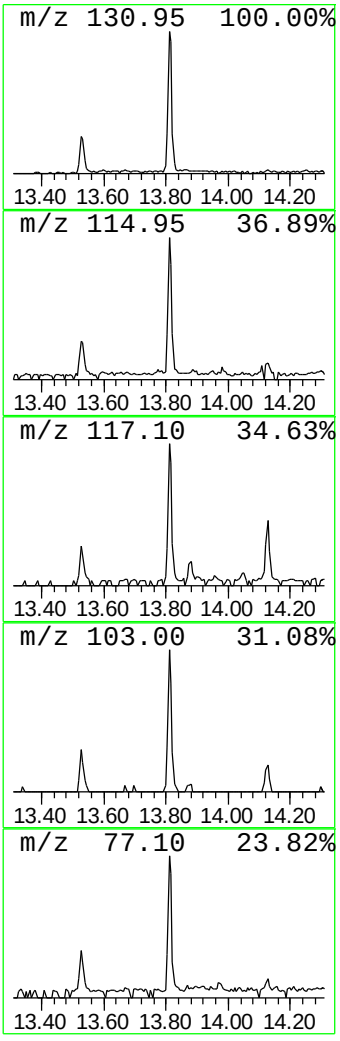
****

Peak Number 8 Cinnamyl cinnamate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.71 ng	106428	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	53
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	52
4	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	50
5	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	50





Library Search Compound Report

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Data File : BF110948.D
Acq On : 23 Nov 2018 17:07
Operator : JU/SJ
Sample : J5999-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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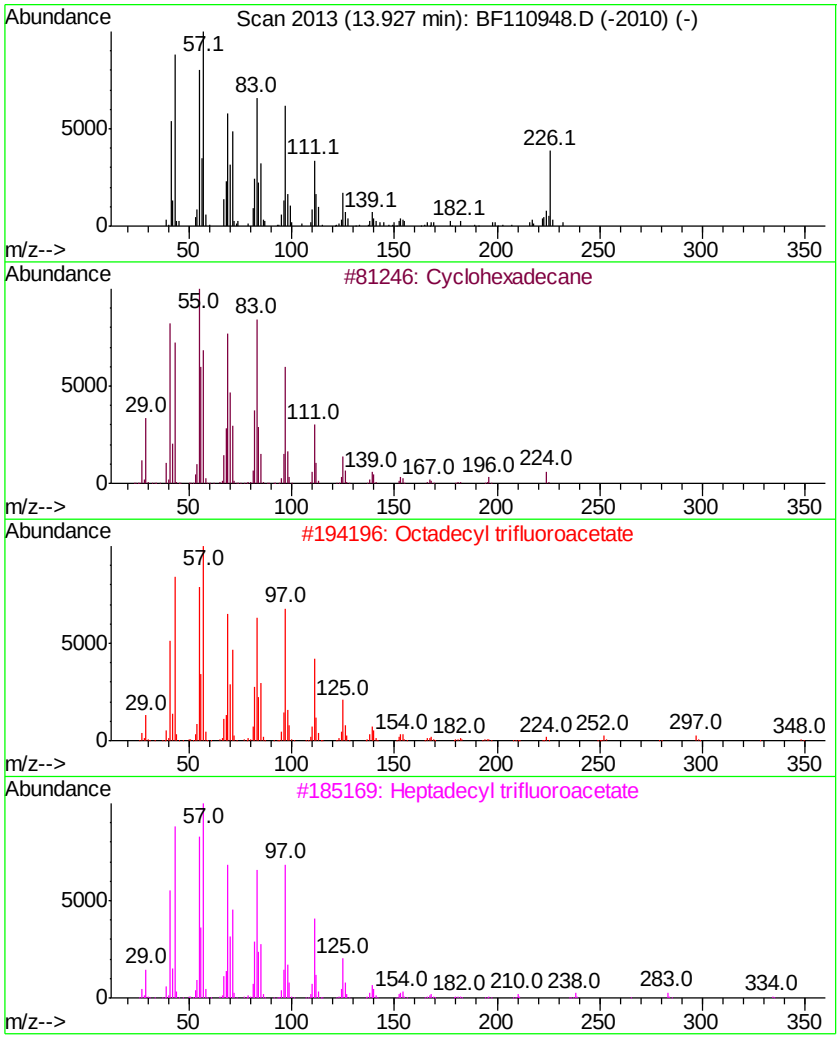
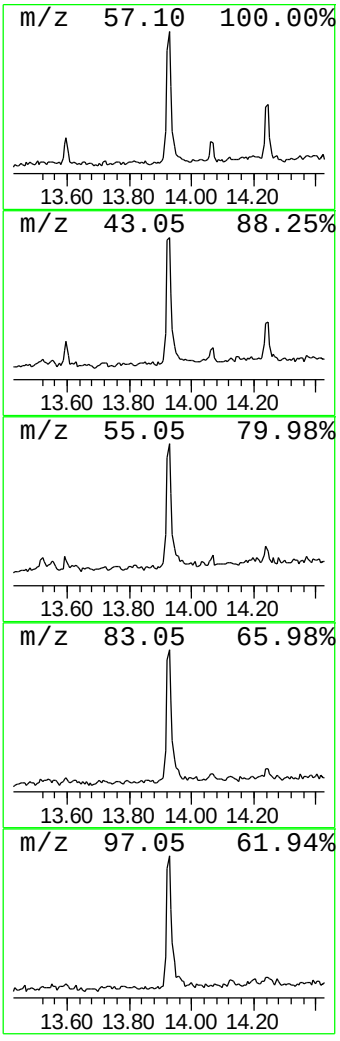
Peak Number 9 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	6.41 ng	252027	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	81





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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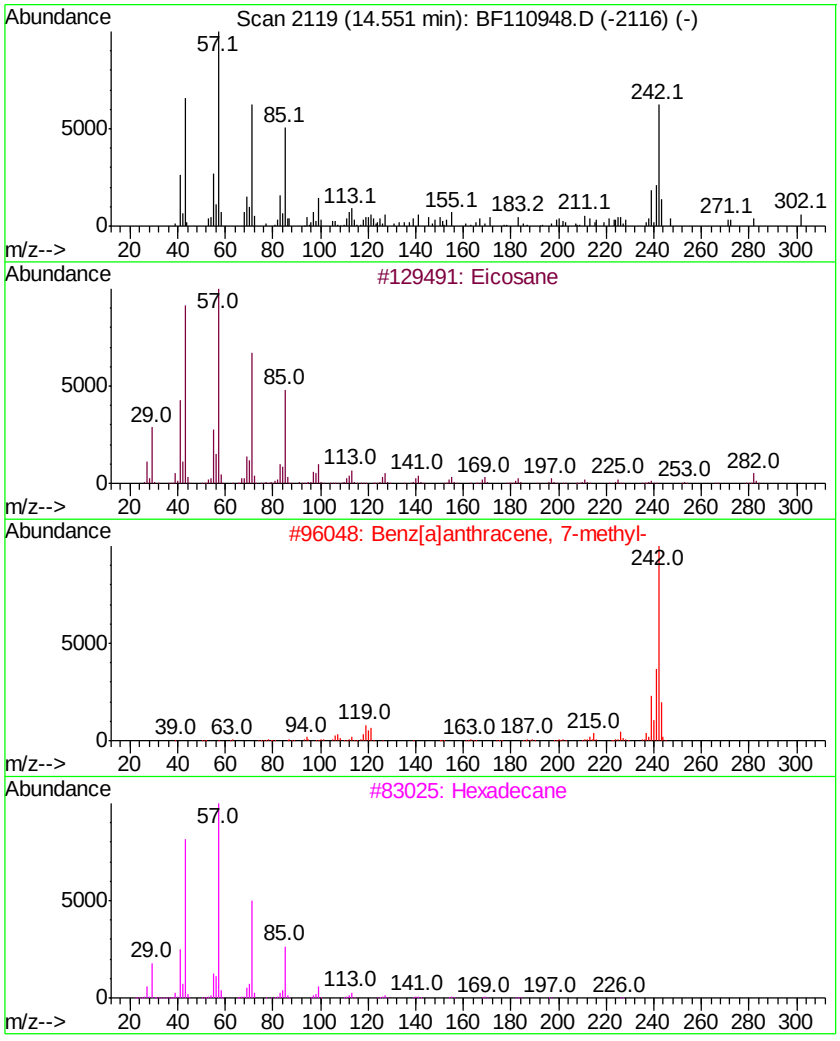
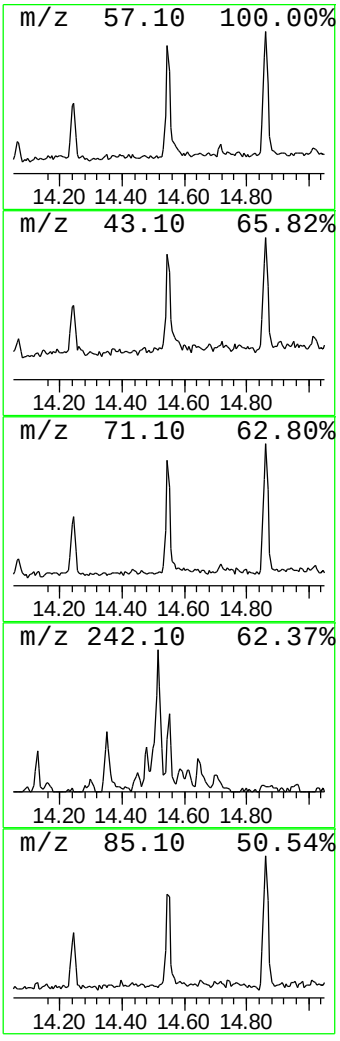
Peak Number 10 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.23 ng	87671	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	80
3	Hexadecane	226	C16H34	000544-76-3	62
4	Heptadecane	240	C17H36	000629-78-7	46
5	Octacosane	394	C28H58	000630-02-4	41





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Operator : JU/SJ
Sample : J5999-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

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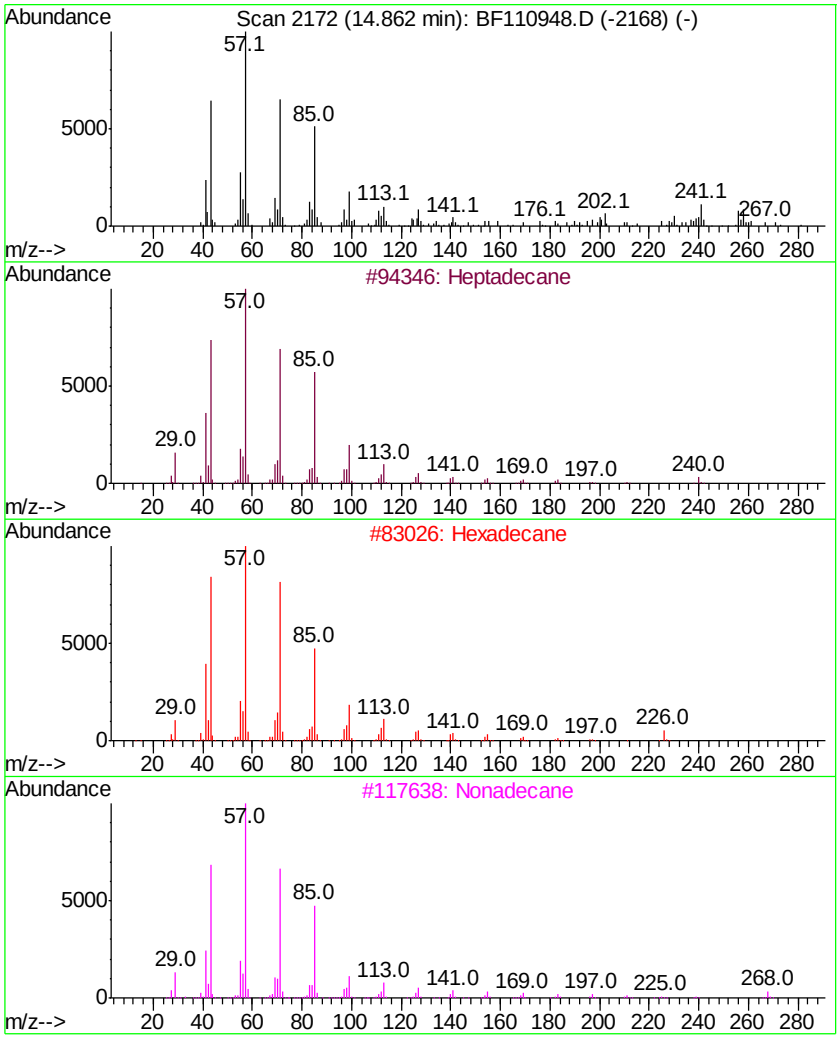
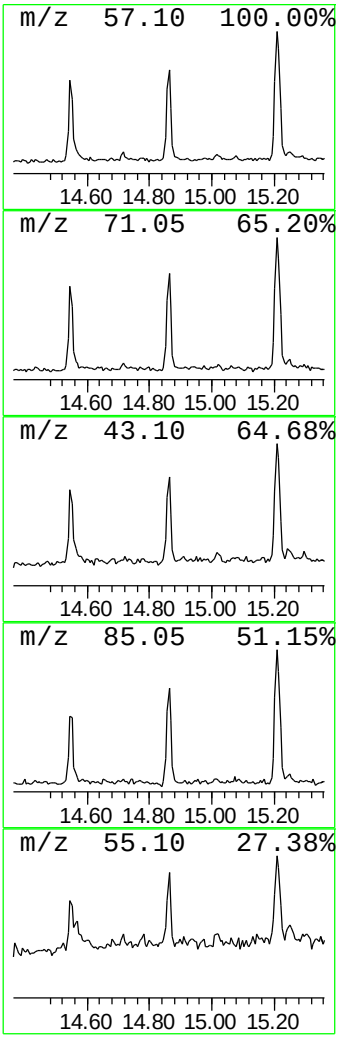
Peak Number 11 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.31 ng	130347	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane	226	C16H34	000544-76-3	74
3	Nonadecane	268	C19H40	000629-92-5	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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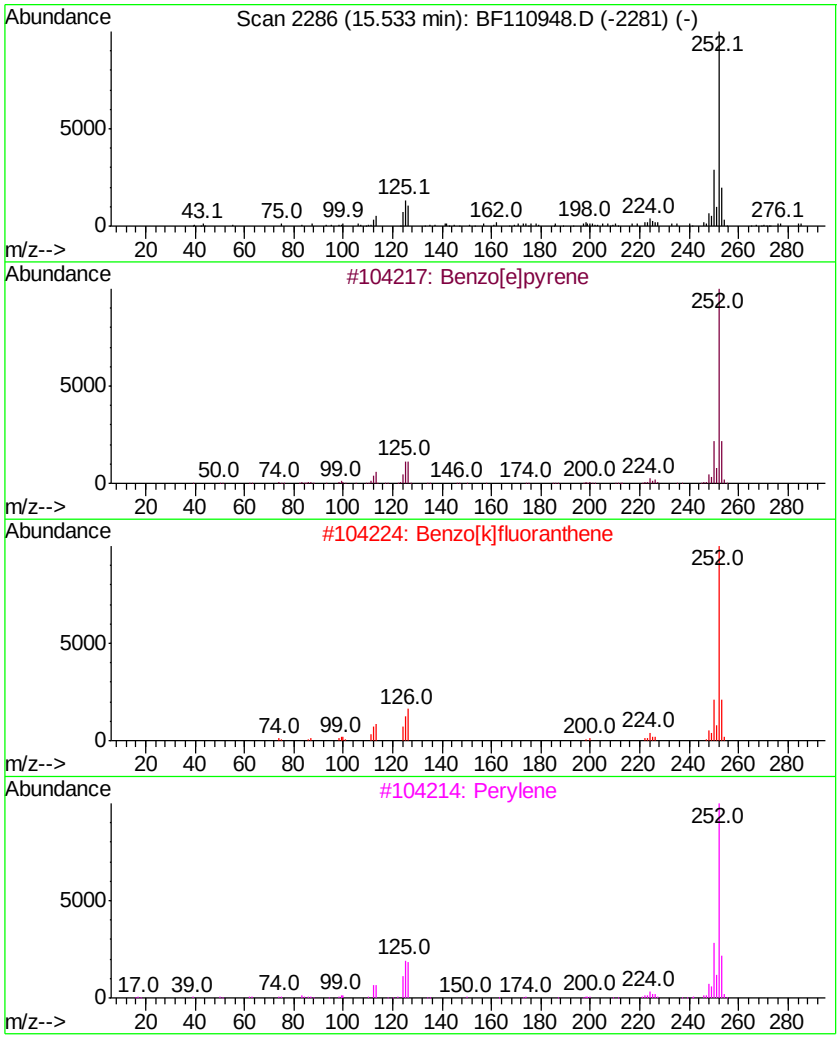
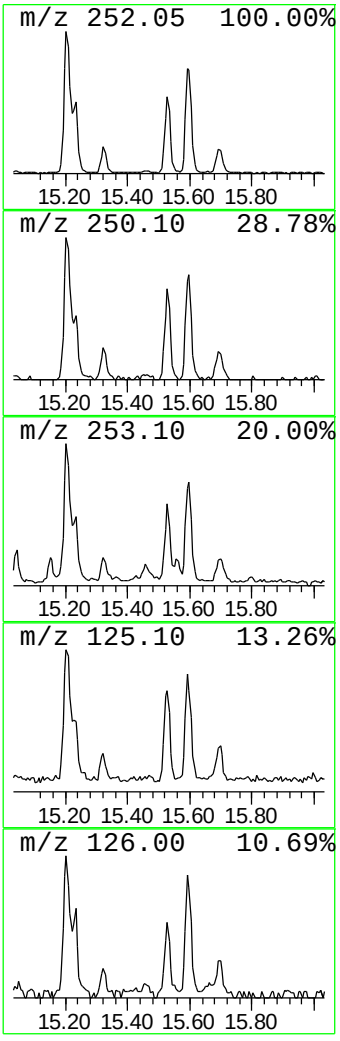
Peak Number 13 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	7.29 ng	120543	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	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Library Search Compound Report

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Data File : BF110948.D
Acq On : 23 Nov 2018 17:07
Operator : JU/SJ
Sample : J5999-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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TIC Integration Parameters: LSCINT.P

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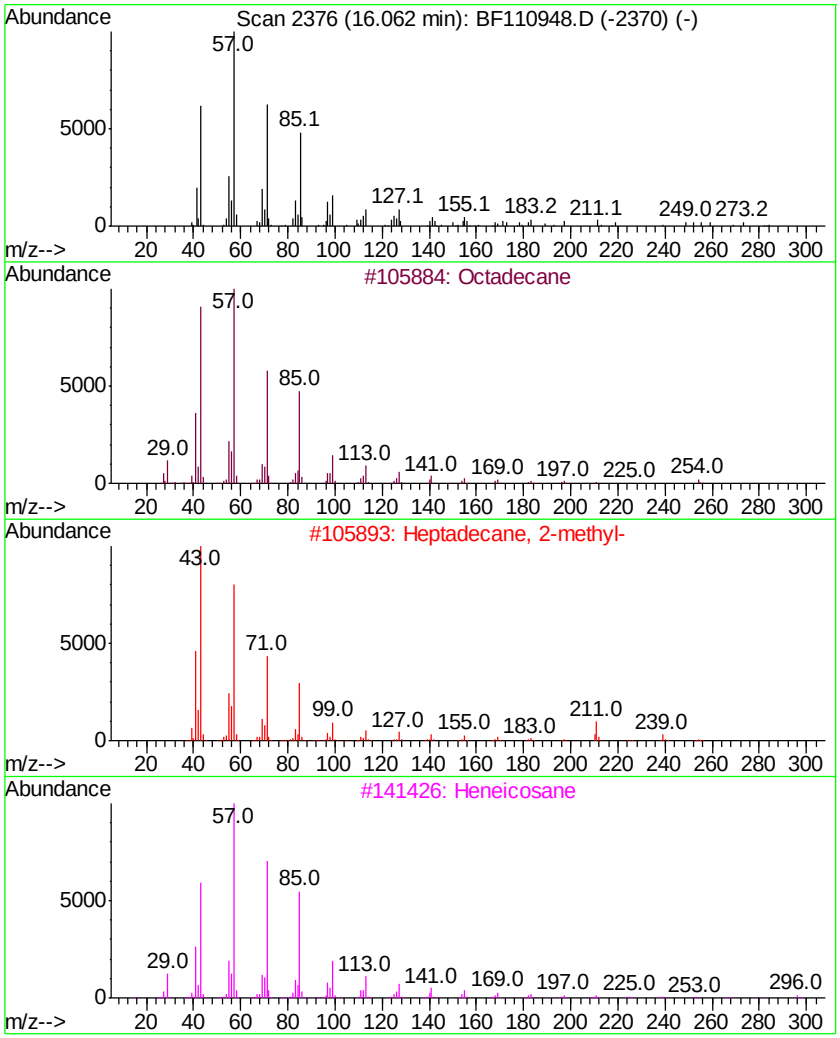
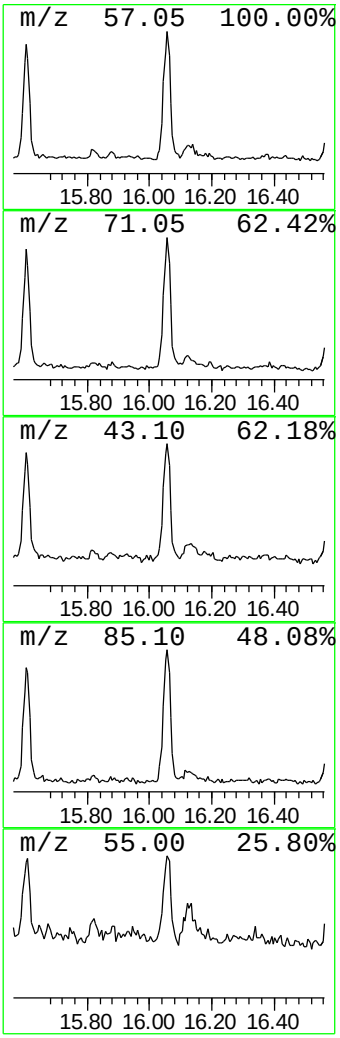
Peak Number 14 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	9.82 ng	162237	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Instrument : BNA_F
ClientSampleId : SSSI-1115-S-AB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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TIC Integration Parameters: LSCINT.P

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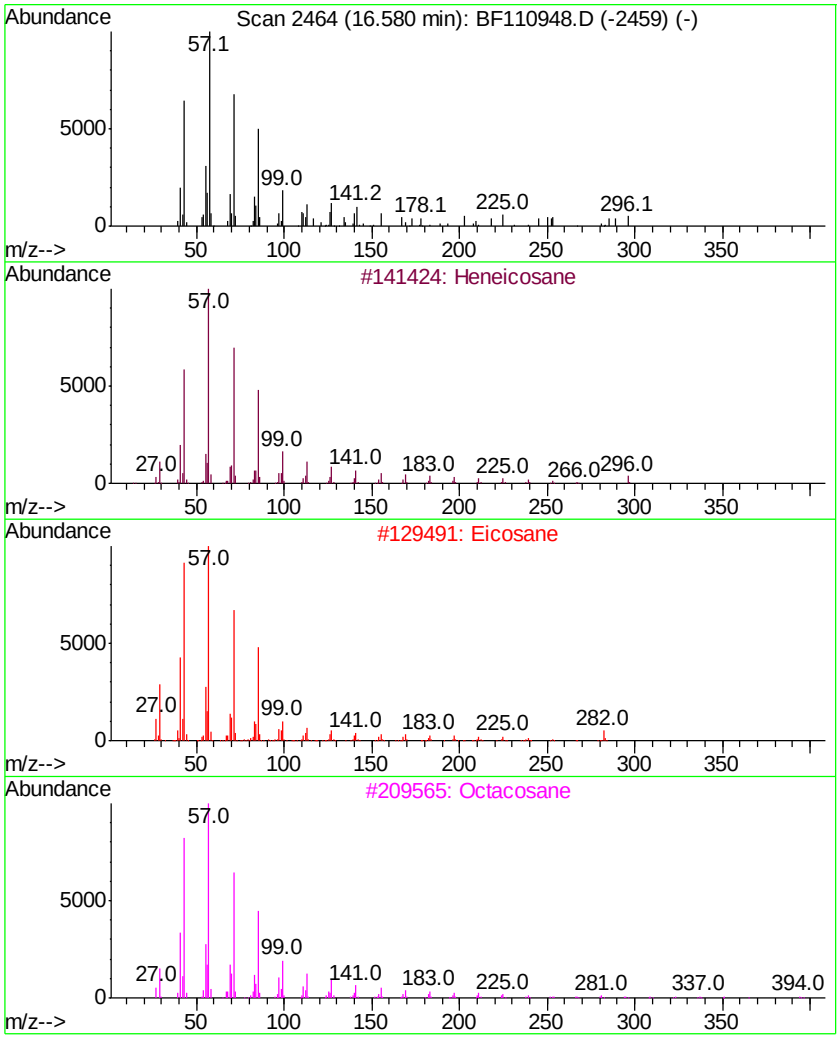
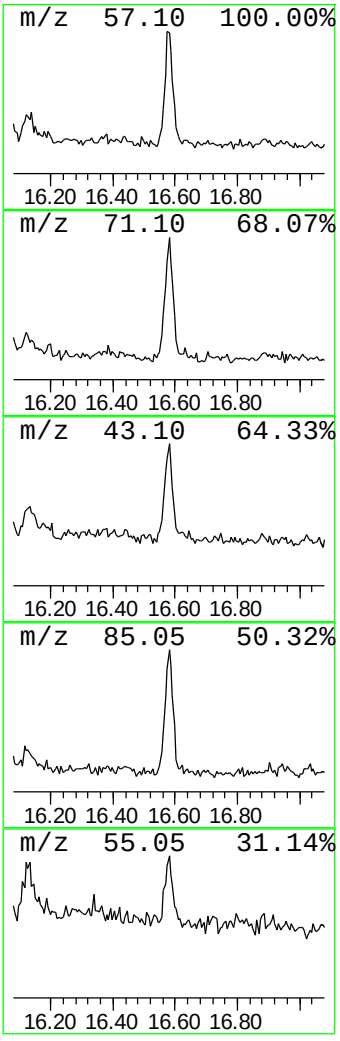
Peak Number 15 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	4.48 ng	74024	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane	282	C20H42	000112-95-8	76
3	Octacosane	394	C28H58	000630-02-4	74
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72
5	Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	72





Tentatively Identified Compound (LSC) summary

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Data File : BF110948.D
Acq On : 23 Nov 2018 17:07
Operator : JU/SJ
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Misc :
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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...	2.22	6.2	ng	127365	1	6.93	413428	20.0
2-Pentanone, 4-hy...	5.17	3.4	ng	69401	1	6.93	413428	20.0
.alpha.-Pinene	6.20	4.3	ng	89963	1	6.93	413428	20.0
unknown6.70	6.70	71.3	ng	1474050	1	6.93	413428	20.0
n-Hexadecanoic acid	11.97	7.6	ng	176088	4	11.47	463533	20.0
Octadecanoic acid	12.76	2.7	ng	63063	4	11.47	463533	20.0
Cinnamyl cinnamate	13.81	2.7	ng	106428	5	14.13	786468	20.0
Cyclohexadecane	13.93	6.4	ng	252027	5	14.13	786468	20.0
Eicosane	14.55	2.2	ng	87671	5	14.13	786468	20.0
Heptadecane	14.86	3.3	ng	130347	5	14.13	786468	20.0
Benzo[e]pyrene	15.53	7.3	ng	120543	6	15.66	330579	20.0
Octadecane	16.06	9.8	ng	162237	6	15.66	330579	20.0
Heneicosane	16.58	4.5	ng	74024	6	15.66	330579	20.0