LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
Acq On : 13 Nov 2018 20:49
Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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	2.246	24	27	38	rVB	66499	95695	7.61%	0.633%
2	5.175	521	525	533	rBV	29160	44127	3.51%	0.292%
3	5.563	587	591	614	rBV	1068643	1141208	90.78%	7.551%
4	6.563	758	761	782	rBV	1084582	1239716	98.61%	8.203%
5	6.710	782	786	790	rBV	1466739	1220012	97.04%	8.073%
6	6.945	822	826	833	rBV	608414	567527	45.14%	3.755%
7	7.098	848	852	861	rBV	1079876	923649	73.47%	6.112%
8	7.504	918	921	939	rBV	681130	748263	59.52%	4.951%
9	8.228	1040	1044	1059	rBV	675090	741624	58.99%	4.907%
10	9.298	1222	1226	1235	rBV	1396867	1257174	100.00%	8.318%
11	9.692	1290	1293	1298	rBV	97730	92783	7.38%	0.614%
12	9.986	1339	1343	1353	rBV	723477	715659	56.93%	4.735%
13	10.775	1474	1477	1489	rBV	549976	555862	44.22%	3.678%
14	11.480	1593	1597	1599	rBV	552780	535094	42.56%	3.541%
15	11.504	1599	1601	1608	rVV	93705	90130	7.17%	0.596%
16	11.557	1608	1610	1618	rVB	24574	25927	2.06%	0.172%
17	11.980	1679	1682	1686	rBV	104281	97609	7.76%	0.646%
18	12.098	1699	1702	1704	rBV2	20127	21635	1.72%	0.143%
19	12.627	1788	1792	1799	rBV	12944	16262	1.29%	0.108%
20	12.698	1800	1804	1812	rVB	290967	260235	20.70%	1.722%
21	12.763	1812	1815	1821	rBV3	32395	44320	3.53%	0.293%
22	12.910	1837	1840	1841	rBV	51965	46693	3.71%	0.309%
23	12.927	1841	1843	1849	rVB	256888	228782	18.20%	1.514%
24	13.057	1861	1865	1869	rBV	938383	797336	63.42%	5.276%
25	13.139	1876	1879	1885	rBV4	14967	23621	1.88%	0.156%
26	13.257	1896	1899	1903	rVB2	37372	42207	3.36%	0.279%
27	13.321	1908	1910	1913	rVB2	18791	15350	1.22%	0.102%
28	13.363	1913	1917	1919	rBV2	19135	24310	1.93%	0.161%
29	13.457	1930	1933	1935	rBV	13720	14759	1.17%	0.098%
30	13.774	1984	1987	1992	rVB	23665	20425	1.62%	0.135%
31	13.880	2002	2005	2007	rBV	26010	25252	2.01%	0.167%
32	13.904	2007	2009	2011	rVV	26136	21266	1.69%	0.141%
33	13.933	2011	2014	2020	rVV3	113157	140970	11.21%	0.933%
34	13.980	2020	2022	2029	rVB	34165	34635	2.75%	0.229%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
Acq On : 13 Nov 2018 20:49
Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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	14.045	2029	2033	2036	rBV4	11798	19854	1.58%	0.131%
36	14.127	2040	2047	2050	rBV2	638047	782634	62.25%	5.179%
37	14.157	2050	2052	2057	rVB	158143	146158	11.63%	0.967%
38	14.239	2063	2066	2067	rBV	39798	44614	3.55%	0.295%
39	14.351	2083	2085	2089	rVB2	17710	21874	1.74%	0.145%
40	14.515	2108	2113	2117	rBV2	29048	29761	2.37%	0.197%
41	14.557	2117	2120	2124	rBV2	85820	88804	7.06%	0.588%
42	14.645	2133	2135	2137	rBV	18279	18398	1.46%	0.122%
43	14.874	2167	2174	2179	rBV	124755	157261	12.51%	1.041%
44	15.039	2199	2202	2205	rVB2	22003	20630	1.64%	0.137%
45	15.204	2225	2230	2231	rBV	161359	210685	16.76%	1.394%
46	15.227	2231	2234	2241	rVB	211732	271373	21.59%	1.796%
47	15.315	2246	2249	2254	rVB	41037	47437	3.77%	0.314%
48	15.521	2280	2284	2291	rVB	82083	105983	8.43%	0.701%
49	15.592	2291	2296	2298	rBV	120895	169396	13.47%	1.121%
50	15.615	2298	2300	2303	rVV	139712	166095	13.21%	1.099%
51	15.657	2303	2307	2311	rVB	277608	341438	27.16%	2.259%
52	16.068	2372	2377	2384	rVB	121632	190357	15.14%	1.260%
53	16.598	2461	2467	2475	rBV	77510	149456	11.89%	0.989%
54	17.221	2567	2573	2581	rVB2	74679	157242	12.51%	1.040%
55	17.415	2602	2606	2612	rVB7	12919	22826	1.82%	0.151%
56	17.704	2649	2655	2663	rBV3	31400	80744	6.42%	0.534%

Sum of corrected areas: 15113137

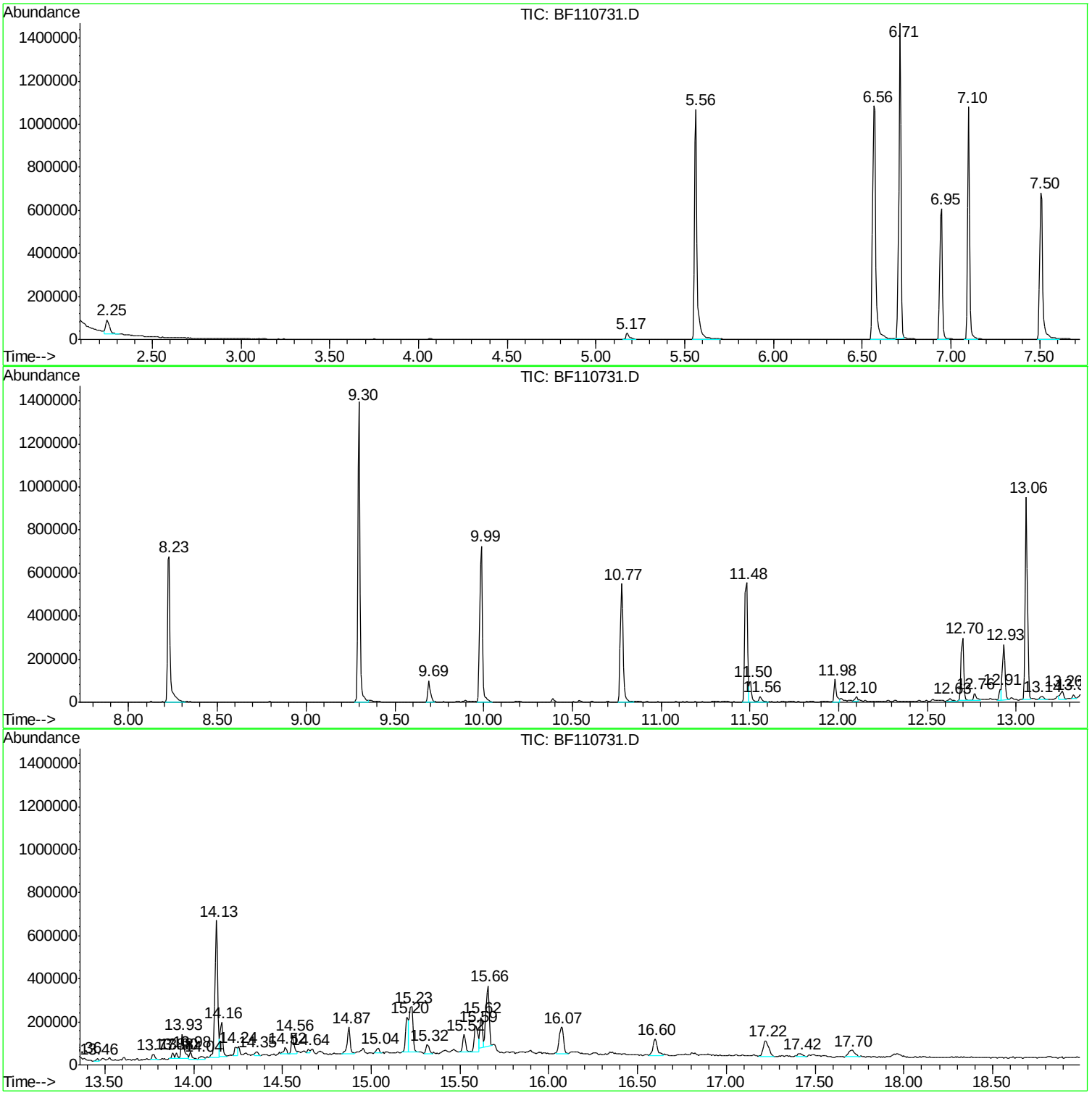
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
Acq On : 13 Nov 2018 20:49
Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
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Operator : JU/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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

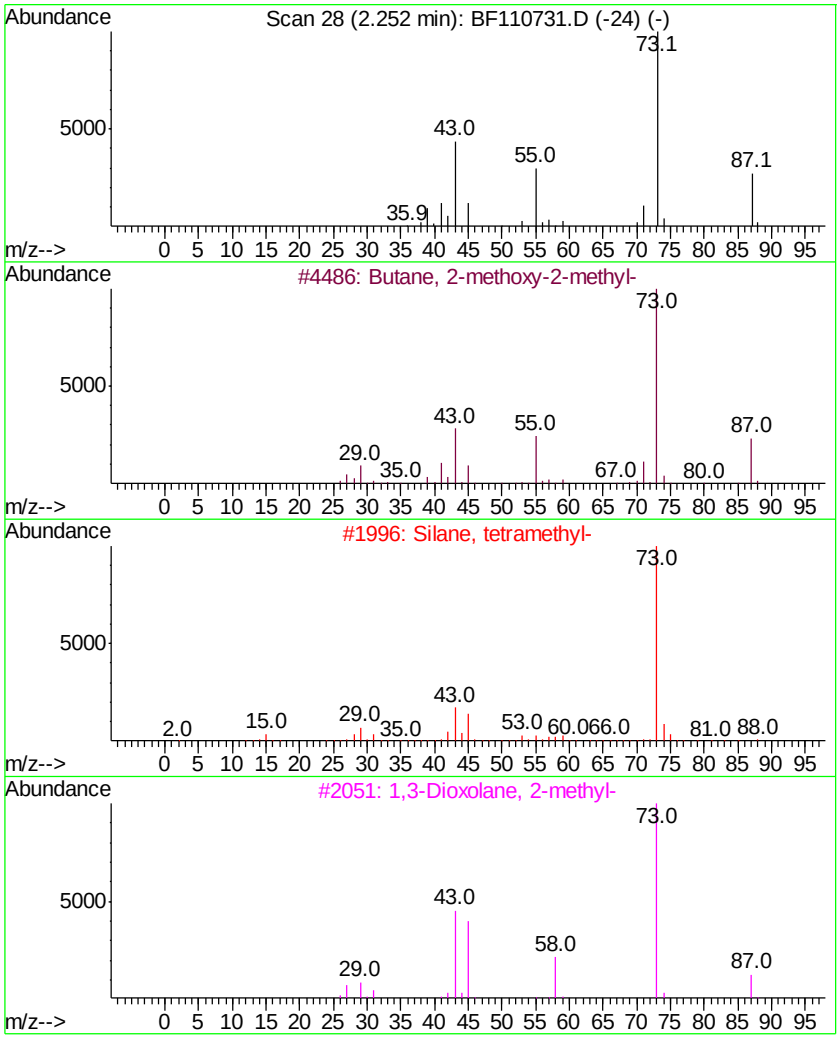
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

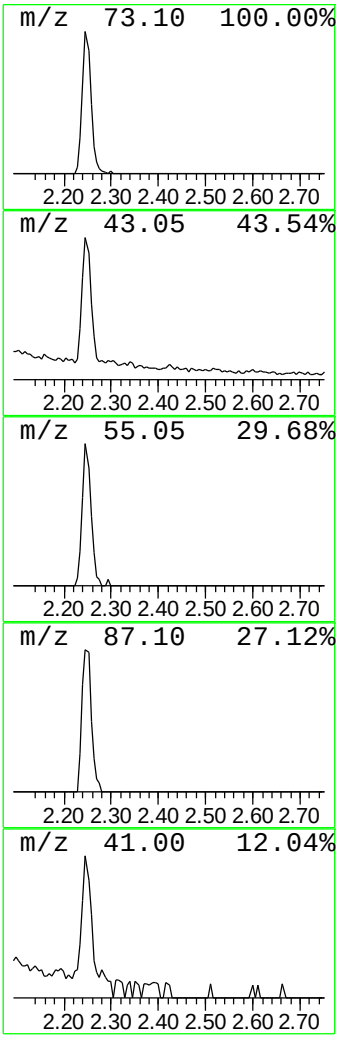
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	3.37 ng	95695	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
Acq On : 13 Nov 2018 20:49
Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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

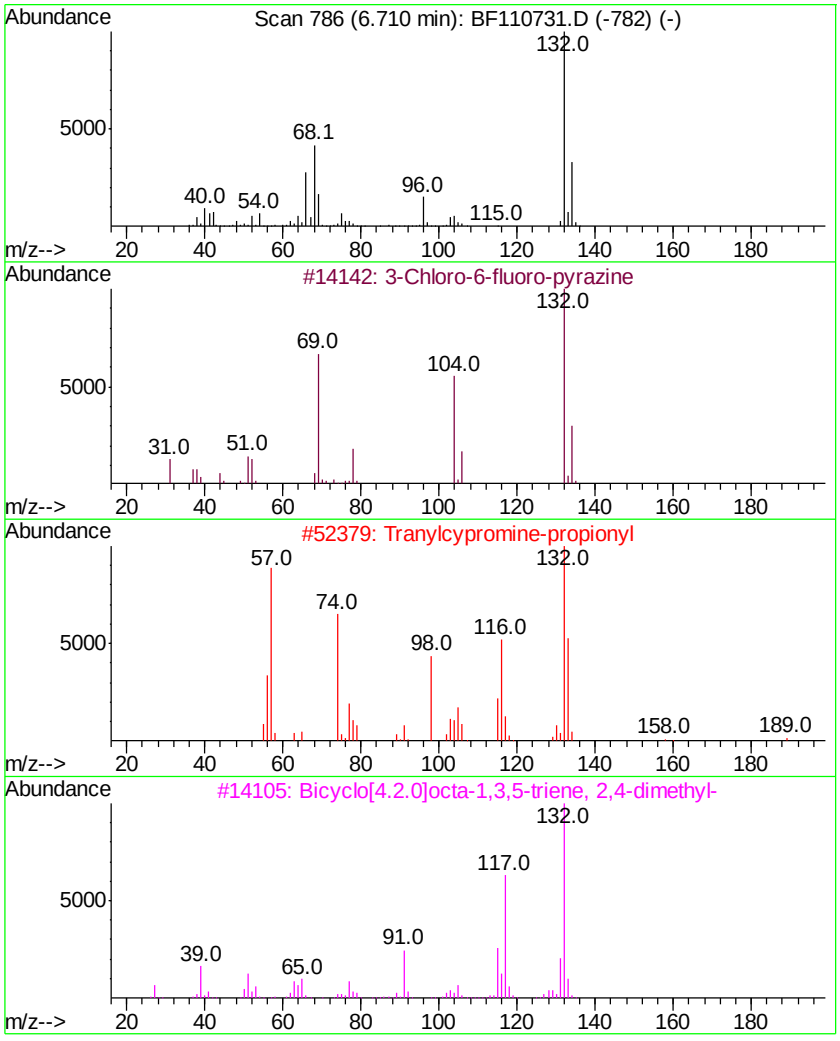
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

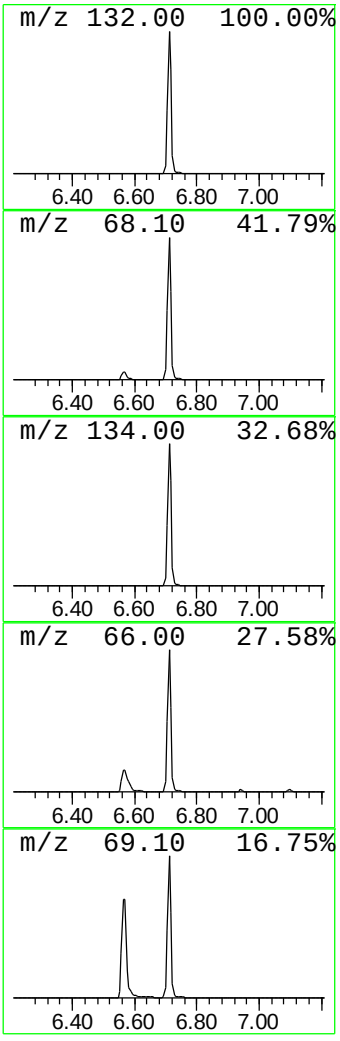
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	42.99 ng	1220010	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	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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
Acq On : 13 Nov 2018 20:49
Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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

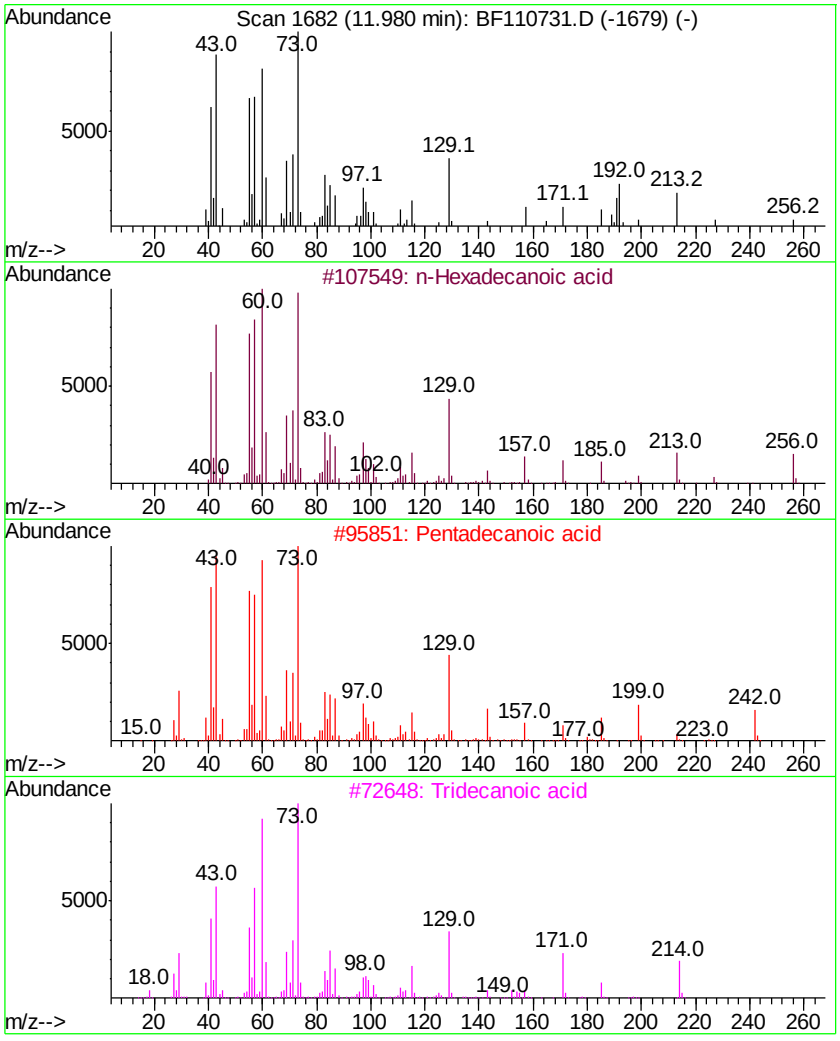
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

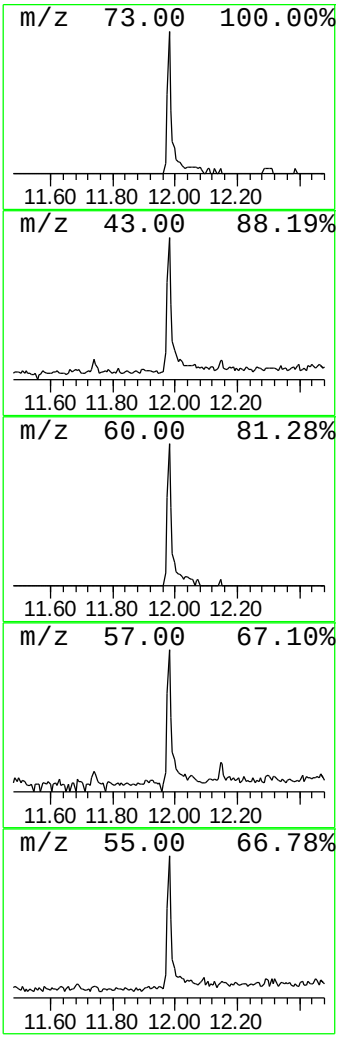
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.65 ng	97609	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
Acq On : 13 Nov 2018 20:49
Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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

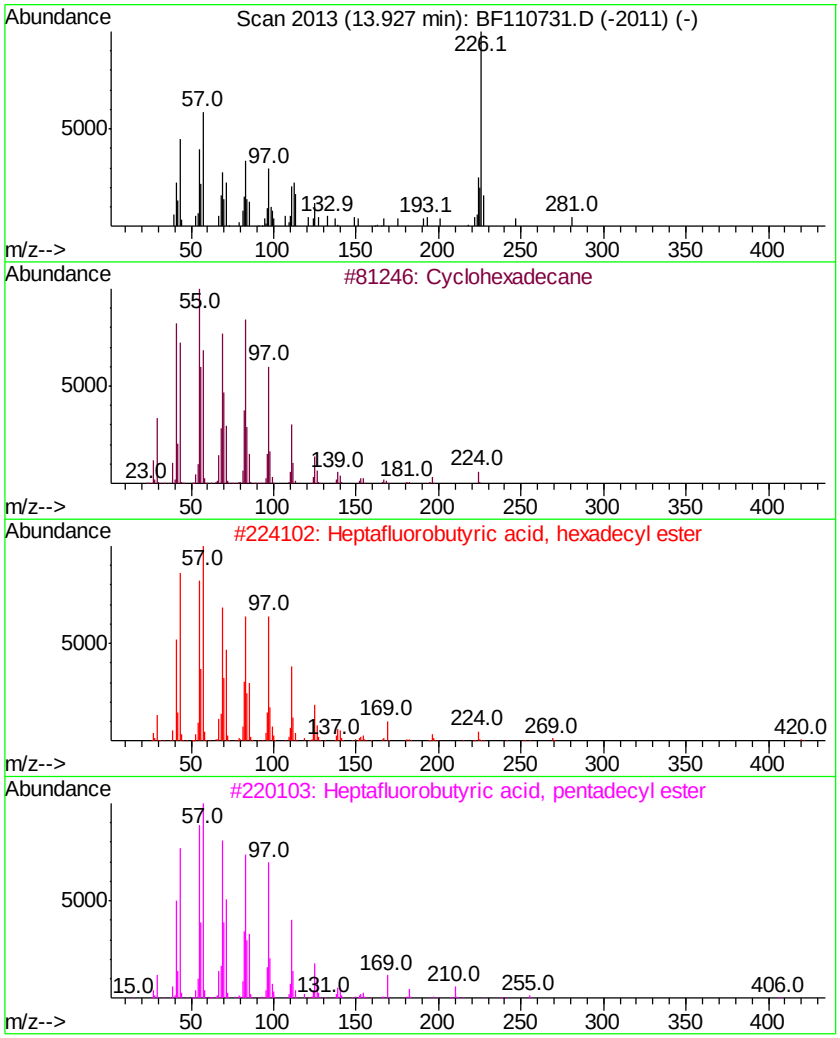
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

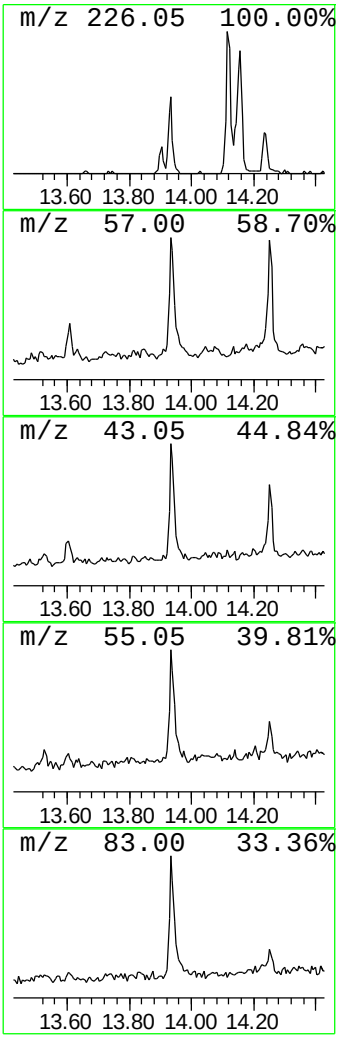
****

Peak Number 5 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.60 ng	140970	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	90
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
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Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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

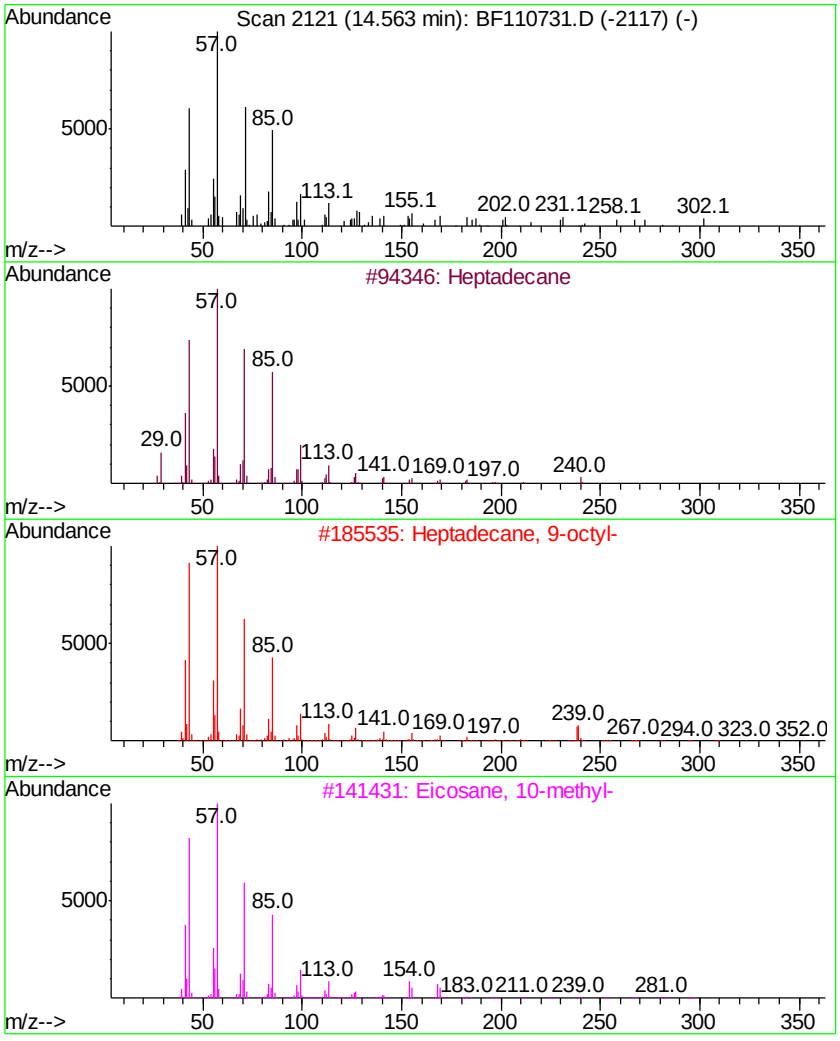
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

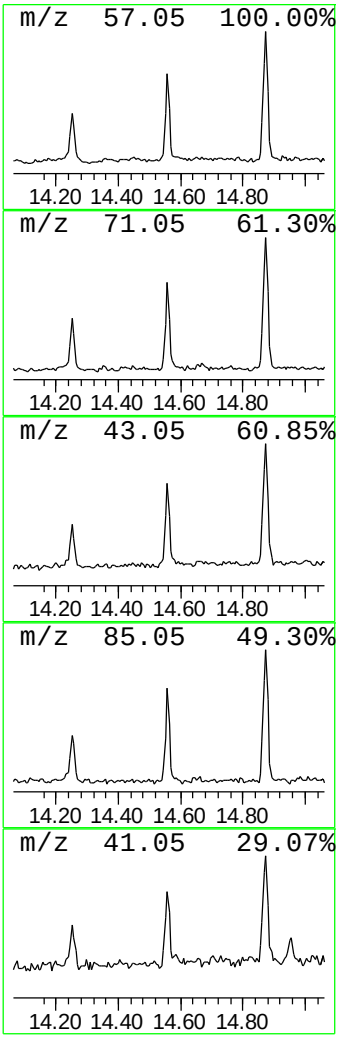
****

Peak Number 6 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.27 ng	88804	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	74
4	2-methyloctacosane	408	C29H60	1000376-72-8	74
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
Acq On : 13 Nov 2018 20:49
Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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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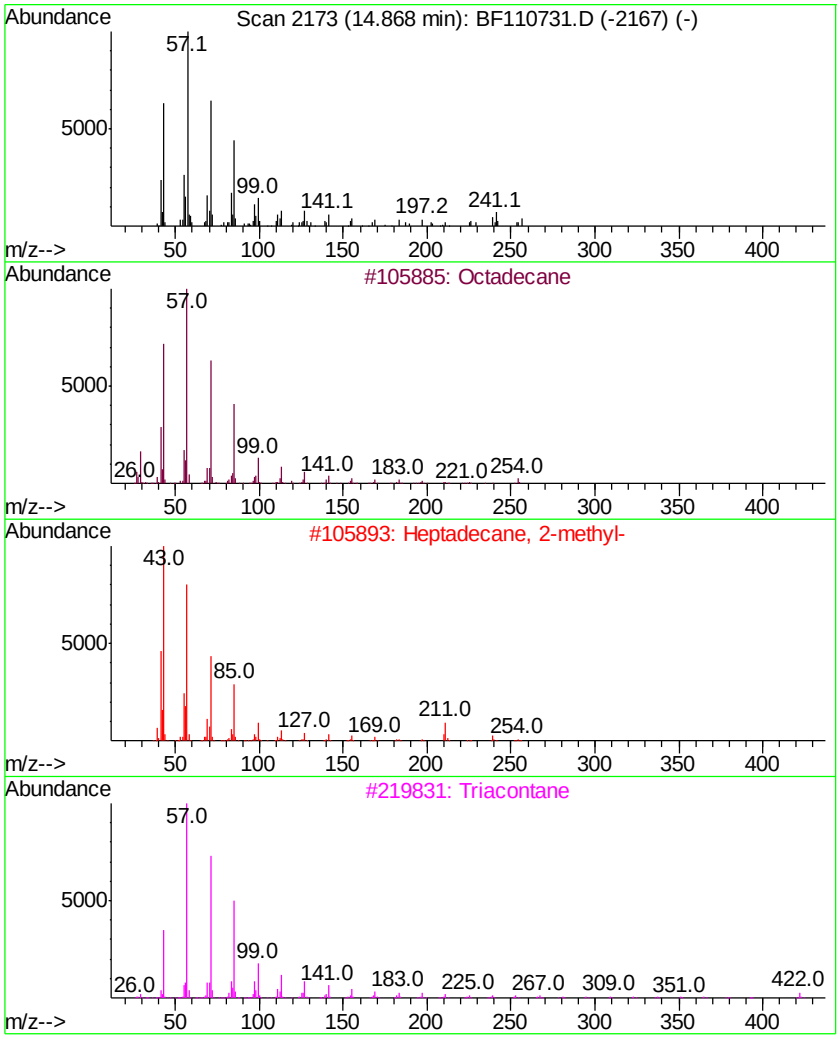
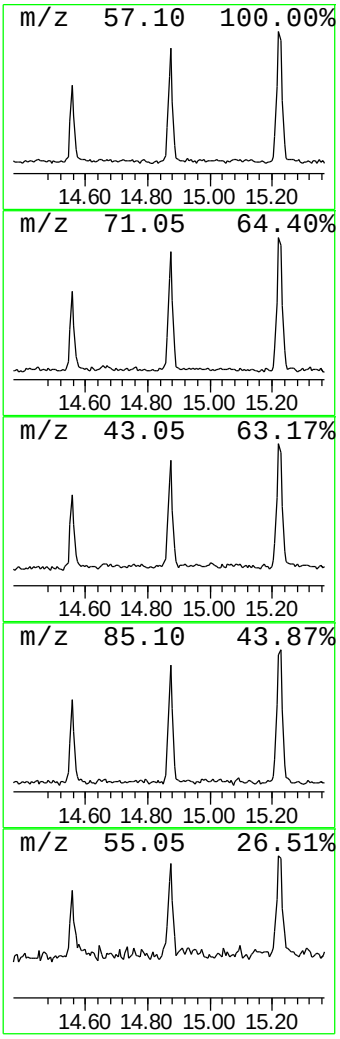
Peak Number 7 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.02 ng	157261	Chrysene-d12	14.13

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	93
3	Triacontane	422	C30H62	000638-68-6	90
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
Acq On : 13 Nov 2018 20:49
Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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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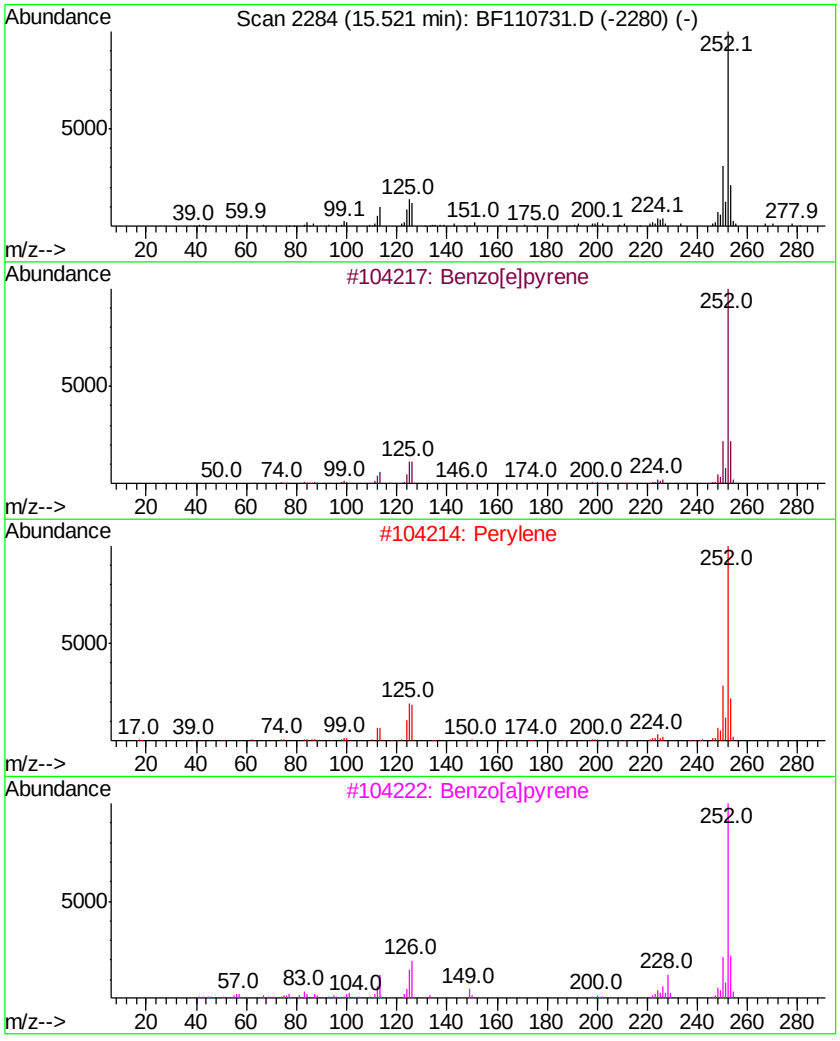
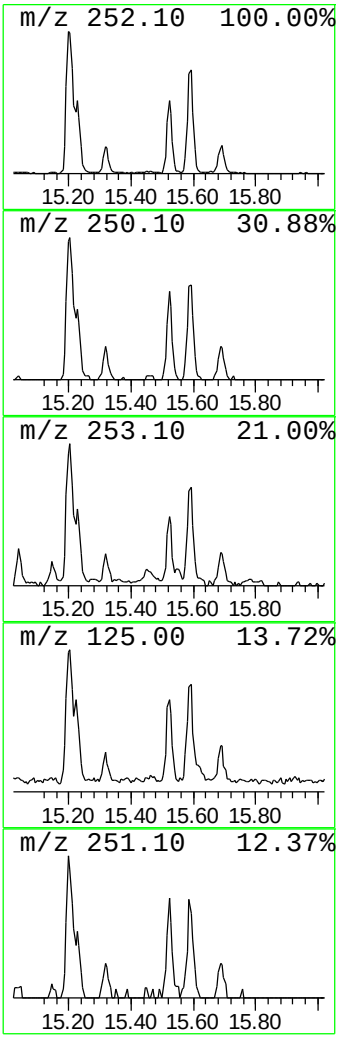
Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	6.21 ng	105983	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
Acq On : 13 Nov 2018 20:49
Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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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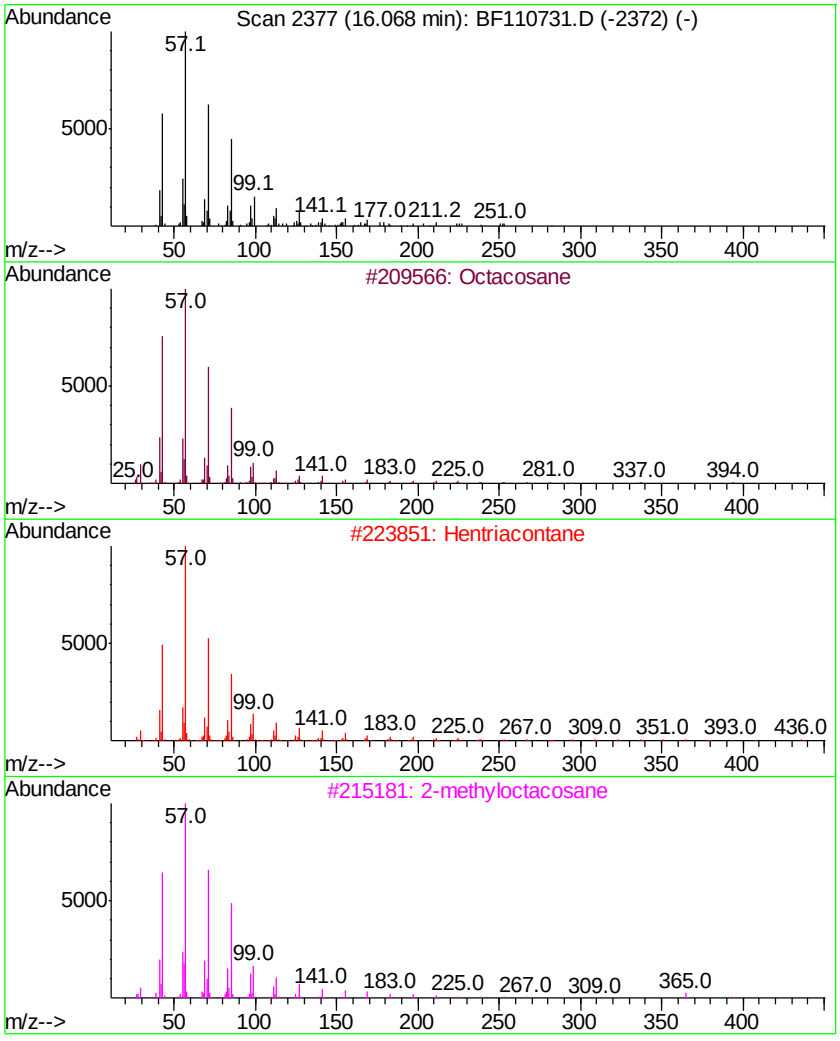
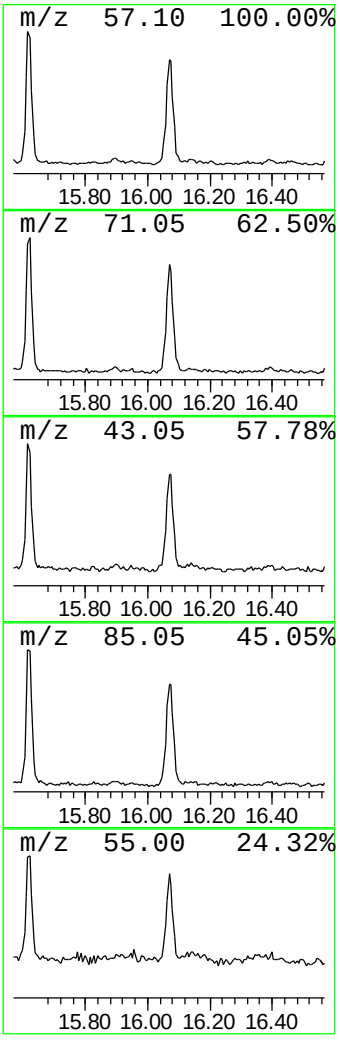
Peak Number 10 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	11.15 ng	190357	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
Acq On : 13 Nov 2018 20:49
Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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

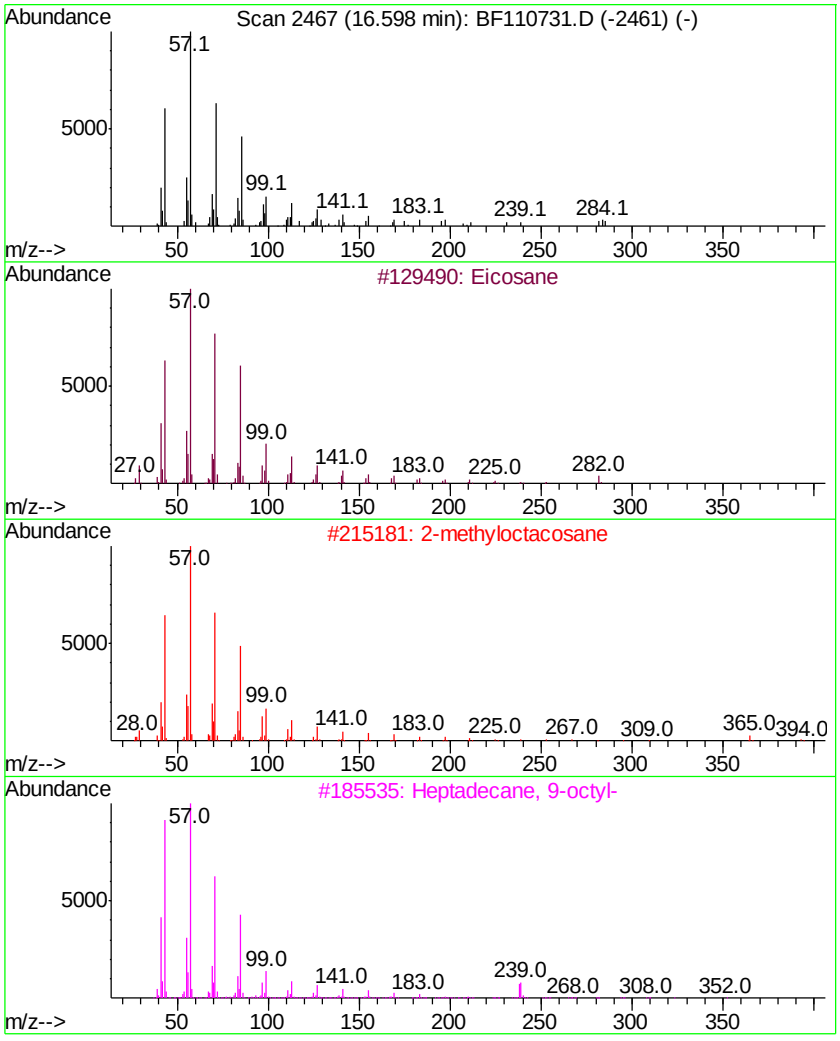
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

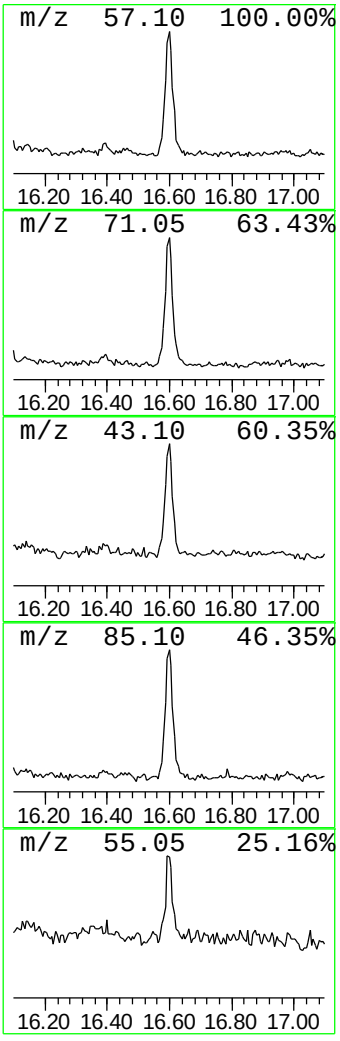
****

Peak Number 11 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	8.75 ng	149456	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110731.D
Acq On : 13 Nov 2018 20:49
Operator : JU/SJ
Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-3-S

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.25	3.4	ng	95695	1	6.95	567527	20.0
unknown6.71	6.71	43.0	ng	1220010	1	6.95	567527	20.0
n-Hexadecanoic acid	11.98	3.6	ng	97609	4	11.48	535094	20.0
Cyclohexadecane	13.93	3.6	ng	140970	5	14.13	782634	20.0
Heptadecane	14.56	2.3	ng	88804	5	14.13	782634	20.0
Octadecane	14.87	4.0	ng	157261	5	14.13	782634	20.0
Benzo[e]pyrene	15.52	6.2	ng	105983	6	15.66	341438	20.0
Octacosane	16.07	11.2	ng	190357	6	15.66	341438	20.0
Eicosane	16.60	8.8	ng	149456	6	15.66	341438	20.0