LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109235.D
Acq On : 22 Sep 2018 21:28
Operator : JU/SJ
Sample : J4777-27 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-04-092018-B

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-BF092218.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	4.881	473	475	482	rVB	14322	14709	1.51%	0.166%
2	5.304	543	547	557	rBV	455205	431507	44.27%	4.876%
3	6.334	718	722	729	rBV	549576	463742	47.58%	5.240%
4	6.469	741	745	749	rBV	600333	477250	48.96%	5.392%
5	6.704	781	785	789	rBV	949943	736769	75.59%	8.325%
6	6.857	808	811	815	rVB	415231	372863	38.25%	4.213%
7	7.263	876	880	883	rBV	314836	269705	27.67%	3.047%
8	7.628	936	942	948	rVB7	5400	12931	1.33%	0.146%
9	7.887	980	986	991	rBV6	6188	13017	1.34%	0.147%
10	7.987	999	1003	1006	rBV	1187981	946556	97.11%	10.695%
11	8.204	1037	1040	1043	rVB	27130	20701	2.12%	0.234%
12	8.287	1051	1054	1057	rVB3	9170	11464	1.18%	0.130%
13	8.428	1073	1078	1082	rBV3	15633	24576	2.52%	0.278%
14	8.539	1093	1097	1099	rBV4	17012	14755	1.51%	0.167%
15	8.604	1103	1108	1111	rBV5	9057	16528	1.70%	0.187%
16	8.686	1119	1122	1125	rVB4	12242	16916	1.74%	0.191%
17	8.798	1136	1141	1144	rVB5	6083	12294	1.26%	0.139%
18	9.022	1176	1179	1182	rVB	41154	34560	3.55%	0.390%
19	9.063	1182	1186	1189	rBV	662893	555305	56.97%	6.274%
20	9.157	1198	1202	1205	rBV3	26012	28349	2.91%	0.320%
21	9.204	1205	1210	1213	rVV3	7320	14067	1.44%	0.159%
22	9.451	1250	1252	1255	rBV	98128	86132	8.84%	0.973%
23	9.475	1255	1256	1259	rVB2	17380	11738	1.20%	0.133%
24	9.739	1297	1301	1304	rBV	1042953	974699	100.00%	11.013%
25	9.845	1316	1319	1323	rVB5	12357	17815	1.83%	0.201%
26	9.928	1330	1333	1339	rVB5	12139	23502	2.41%	0.266%
27	10.010	1345	1347	1349	rVB	19225	14233	1.46%	0.161%
28	10.233	1382	1385	1391	rVB5	12812	19250	1.97%	0.218%
29	10.404	1410	1414	1417	rVB3	11321	14614	1.50%	0.165%
30	10.516	1430	1433	1439	rBV	288651	236348	24.25%	2.670%
31	10.651	1453	1456	1457	rBV2	13407	12493	1.28%	0.141%
32	11.098	1527	1532	1535	rBV4	10614	12939	1.33%	0.146%
33	11.210	1548	1551	1554	rBV	975992	809757	83.08%	9.149%
34	11.233	1554	1555	1560	rVB	30948	17679	1.81%	0.200%

LSC Area Percent Report

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Integrator: RTE
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.822	1652	1655	1657	rBV2	13548	12154	1.25%	0.137%
36	12.416	1753	1756	1760	rBV	75608	60338	6.19%	0.682%
37	12.639	1789	1794	1797	rBV	63765	70501	7.23%	0.797%
38	12.786	1816	1819	1823	rBV	391543	372994	38.27%	4.214%
39	12.969	1848	1850	1856	rVB2	14969	19188	1.97%	0.217%
40	13.039	1859	1862	1865	rBV2	22361	22798	2.34%	0.258%
41	13.380	1918	1920	1925	rBV2	18198	16518	1.69%	0.187%
42	13.710	1974	1976	1982	rVB3	17455	17627	1.81%	0.199%
43	13.833	1993	1997	2000	rBV	757862	733078	75.21%	8.283%
44	13.857	2000	2001	2004	rVB	33492	25263	2.59%	0.285%
45	14.021	2027	2029	2031	rBV2	28625	24248	2.49%	0.274%
46	14.621	2128	2131	2136	rBV2	44742	62977	6.46%	0.712%
47	15.233	2231	2235	2240	rBV	458187	536376	55.03%	6.060%
48	15.686	2309	2312	2318	rBV	46421	66083	6.78%	0.747%
49	16.151	2387	2391	2397	rVB4	42698	70606	7.24%	0.798%

Sum of corrected areas: 8850512

LSC Report - Integrated Chromatogram

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Misc :
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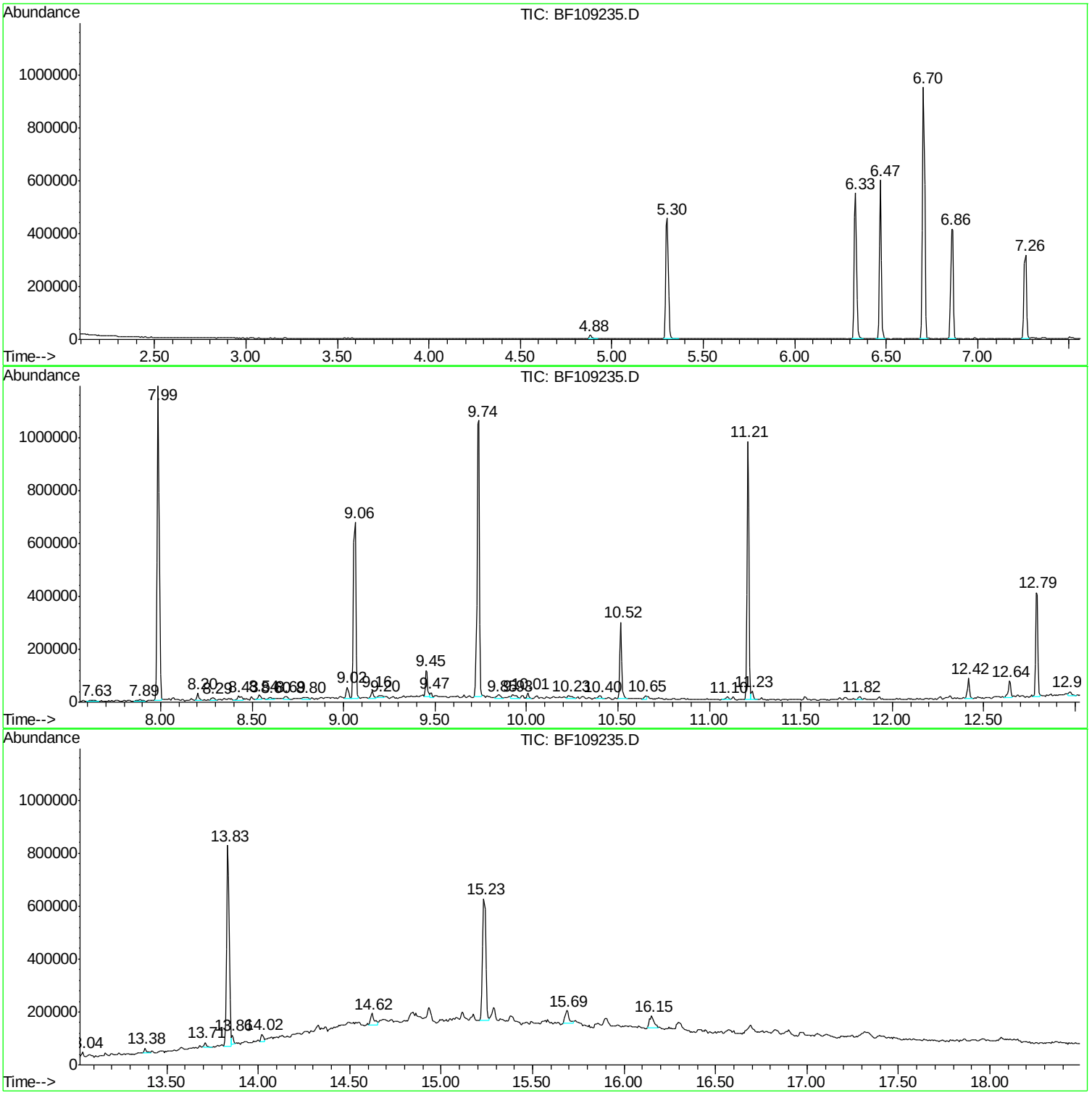
Instrument : BNA_F
ClientSampleId : PL-04-092018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF092218\
Data File : BF109235.D
Acq On : 22 Sep 2018 21:28
Operator : JU/SJ
Sample : J4777-27 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-04-092018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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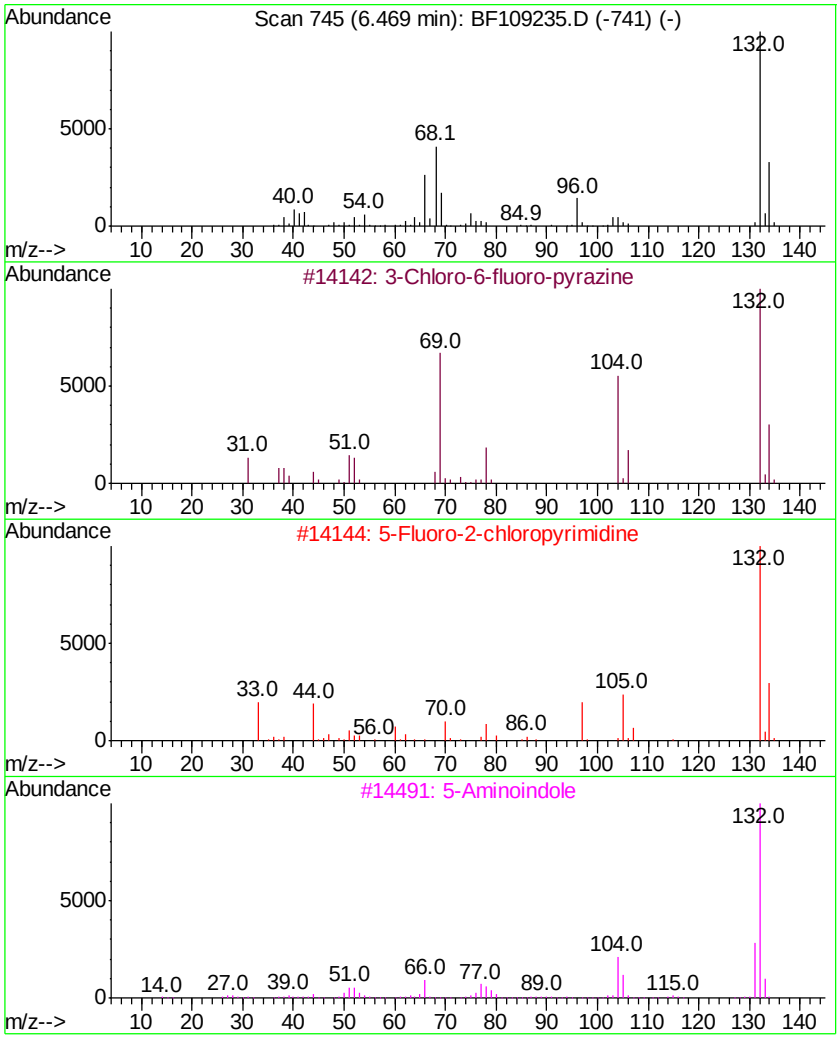
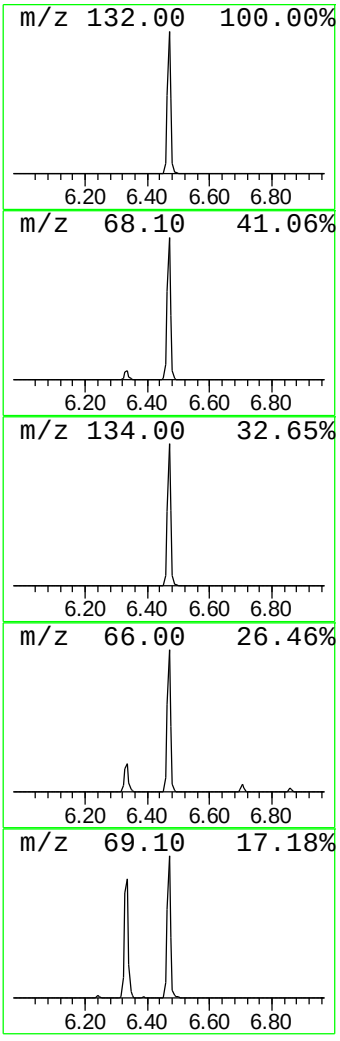
Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	12.96 ng	477250	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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

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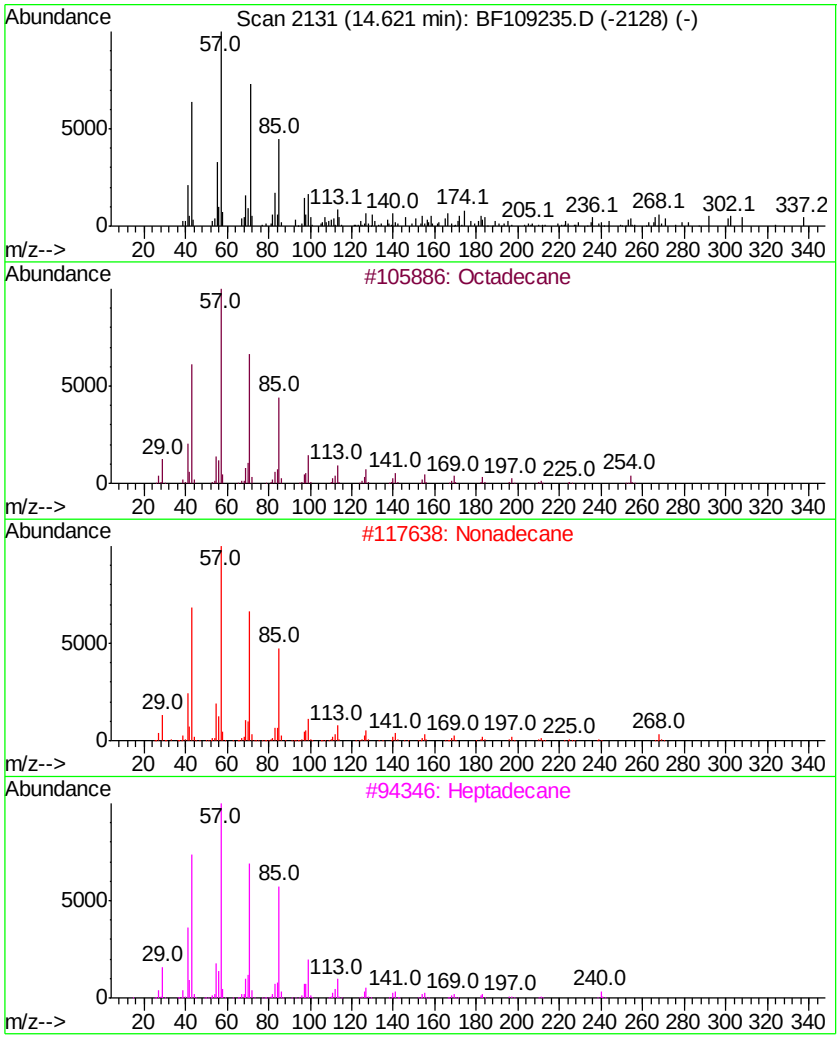
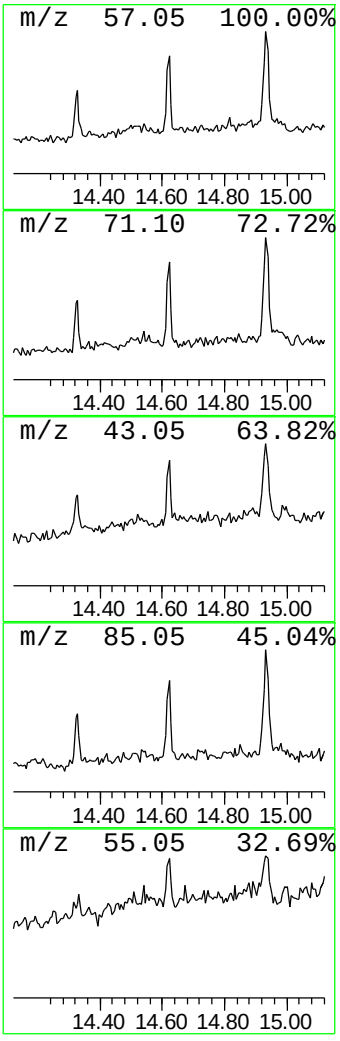
Peak Number 3 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.35 ng	62977	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Nonadecane	268	C19H40	000629-92-5	86
3	Heptadecane	240	C17H36	000629-78-7	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Eicosane	282	C20H42	000112-95-8	58





Library Search Compound Report

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Operator : JU/SJ
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Instrument :
BNA_F
ClientSampleId :
PL-04-092018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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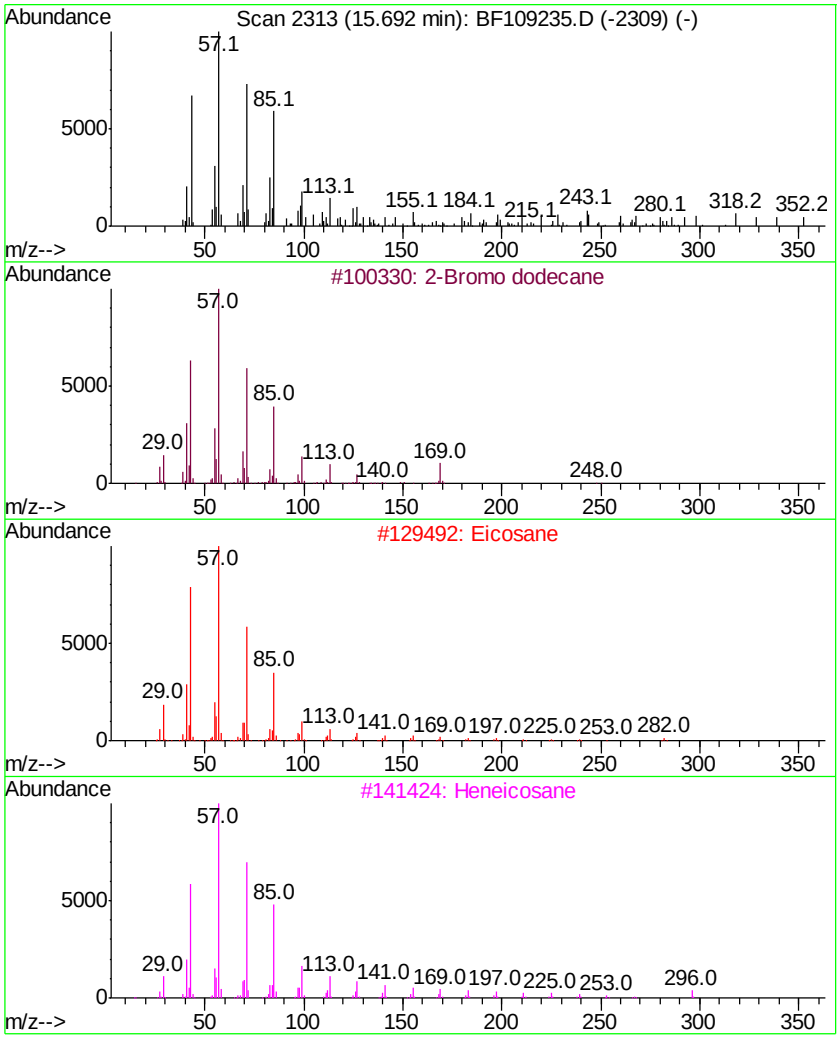
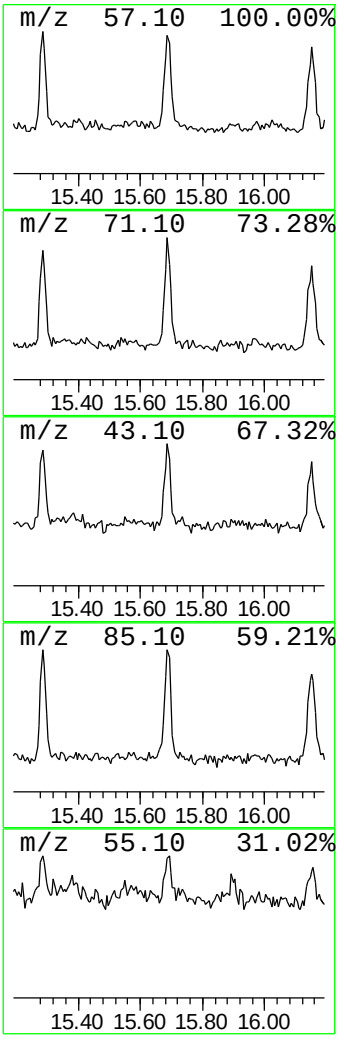
Peak Number 4 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.46 ng	66083	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Eicosane	282	C20H42	000112-95-8	81
3	Heneicosane	296	C21H44	000629-94-7	74
4	Octacosane	394	C28H58	000630-02-4	74
5	Hexacosane	366	C26H54	000630-01-3	74





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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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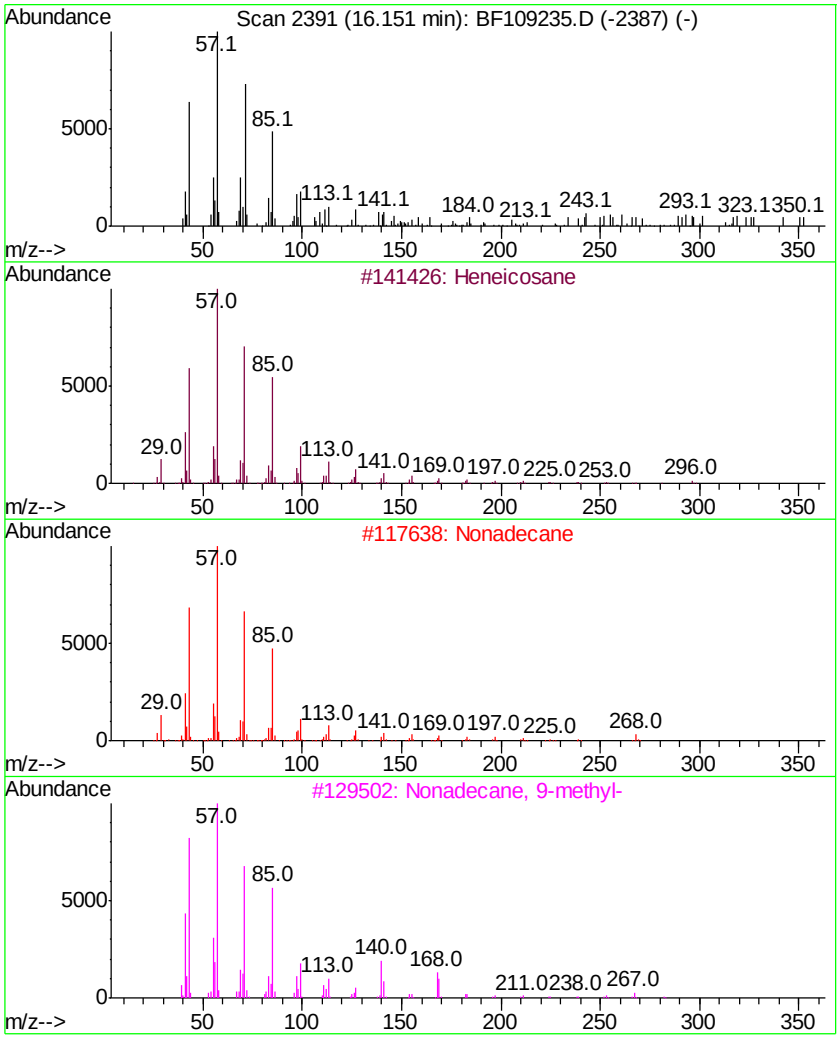
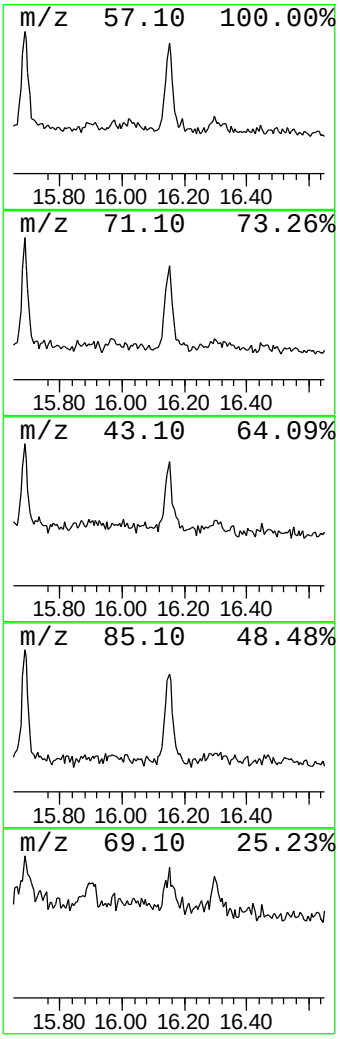
Peak Number 5 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.63 ng	70606	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
4	Eicosane	282	C20H42	000112-95-8	76
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	68





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.47	6.47	13.0	ng	477250	1	6.70	736769	20.0
Octadecane	14.62	2.4	ng	62977	6	15.23	536376	20.0
2-Bromo dodecane	15.69	2.5	ng	66083	6	15.23	536376	20.0
Heneicosane	16.15	2.6	ng	70606	6	15.23	536376	20.0