LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

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-BF022719.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	5.334	548	552	563	rVB	295275	297376	22.55%	2.290%
2	5.634	599	603	607	rBV2	18366	18631	1.41%	0.143%
3	6.328	718	721	724	rBV	23160	20004	1.52%	0.154%
4	6.363	724	727	734	rVV	331907	337207	25.57%	2.597%
5	6.410	734	735	742	rVV3	20316	25381	1.92%	0.195%
6	6.492	746	749	757	rVV	409286	375606	28.48%	2.892%
7	6.551	757	759	761	rVV	46733	41344	3.13%	0.318%
8	6.575	761	763	769	rVB	70652	58054	4.40%	0.447%
9	6.728	785	789	792	rBV	786533	725524	55.01%	5.587%
10	6.751	792	793	797	rVV2	29872	27075	2.05%	0.208%
11	6.787	797	799	805	rVB3	18636	19940	1.51%	0.154%
12	6.881	812	815	819	rBV	354303	293734	22.27%	2.262%
13	7.010	834	837	840	rVB2	28788	29959	2.27%	0.231%
14	7.051	840	844	846	rVV2	34257	30826	2.34%	0.237%
15	7.081	846	849	853	rVB	19346	21009	1.59%	0.162%
16	7.128	853	857	860	rBV	37535	34218	2.59%	0.263%
17	7.281	878	883	890	rBV	173612	235934	17.89%	1.817%
18	7.334	890	892	896	rVV	87834	84452	6.40%	0.650%
19	7.381	896	900	904	rVB3	16489	23754	1.80%	0.183%
20	7.534	923	926	929	rVB3	26793	34596	2.62%	0.266%
21	7.745	958	962	965	rBV3	30867	41111	3.12%	0.317%
22	7.775	965	967	971	rVB3	21718	27332	2.07%	0.210%
23	7.851	978	980	983	rVB	29739	23501	1.78%	0.181%
24	8.004	1003	1006	1014	rBV	911490	981684	74.44%	7.559%
25	8.081	1018	1019	1022	rVB	24281	18582	1.41%	0.143%
26	8.204	1038	1040	1044	rVB2	15844	17613	1.34%	0.136%
27	8.304	1053	1057	1061	rBV5	20117	34586	2.62%	0.266%
28	8.363	1065	1067	1070	rBV3	20072	19619	1.49%	0.151%
29	8.398	1070	1073	1076	rBV2	28601	25800	1.96%	0.199%
30	8.439	1076	1080	1082	rBV	26151	23805	1.80%	0.183%
31	8.516	1089	1093	1097	rBV2	39953	42616	3.23%	0.328%
32	8.610	1105	1109	1116	rBV2	97686	119402	9.05%	0.919%
33	8.669	1116	1119	1123	rVV2	39228	45128	3.42%	0.347%
34	8.722	1126	1128	1133	rVB3	31684	38055	2.89%	0.293%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.833	1141	1147	1152	rBV3	34181	50249	3.81%	0.387%
36	8.975	1169	1171	1175	rVB	22835	20121	1.53%	0.155%
37	9.039	1180	1182	1186	rVV3	22864	24716	1.87%	0.190%
38	9.080	1186	1189	1199	rVV	438686	453259	34.37%	3.490%
39	9.175	1201	1205	1209	rVV	93586	86719	6.58%	0.668%
40	9.428	1245	1248	1253	rVB3	37238	46450	3.52%	0.358%
41	9.480	1253	1257	1258	rBV3	28111	32221	2.44%	0.248%
42	9.551	1265	1269	1271	rVB3	15431	18635	1.41%	0.143%
43	9.704	1292	1295	1299	rVB	71089	65736	4.98%	0.506%
44	9.757	1300	1304	1309	rBV	1170296	1119120	84.86%	8.618%
45	9.875	1321	1324	1329	rVB2	49003	59840	4.54%	0.461%
46	9.933	1330	1334	1337	rBV	31984	35475	2.69%	0.273%
47	10.022	1345	1349	1353	rVB6	18974	28313	2.15%	0.218%
48	10.198	1376	1379	1382	rBV	69521	51610	3.91%	0.397%
49	10.416	1413	1416	1423	rVB	23606	27676	2.10%	0.213%
50	10.539	1433	1437	1445	rBV	259650	309781	23.49%	2.385%
51	10.669	1456	1459	1465	rBV2	72191	105254	7.98%	0.810%
52	10.816	1480	1484	1488	rBV	44651	40529	3.07%	0.312%
53	10.857	1488	1491	1492	rBV	24684	21803	1.65%	0.168%
54	10.874	1492	1494	1497	rVV	80456	90629	6.87%	0.698%
55	10.939	1500	1505	1509	rBV	42103	58135	4.41%	0.448%
56	10.980	1509	1512	1518	rVB5	23640	30421	2.31%	0.234%
57	11.080	1525	1529	1532	rBV2	18121	20960	1.59%	0.161%
58	11.116	1532	1535	1538	rVV	57193	49503	3.75%	0.381%
59	11.145	1538	1540	1546	rVB	31423	30885	2.34%	0.238%
60	11.233	1551	1555	1563	rBV	1354552	1318846	100.00%	10.155%
61	11.539	1604	1607	1611	rBV	44108	39389	2.99%	0.303%
62	11.604	1615	1618	1620	rVB	33328	29607	2.24%	0.228%
63	11.727	1636	1639	1642	rVB	36633	28523	2.16%	0.220%
64	11.774	1642	1647	1654	rBV2	148952	193804	14.69%	1.492%
65	11.833	1654	1657	1660	rVB3	23216	22718	1.72%	0.175%
66	11.945	1674	1676	1681	rVB	57647	51916	3.94%	0.400%
67	12.098	1699	1702	1707	rBV5	18493	31269	2.37%	0.241%
68	12.227	1721	1724	1727	rBV	30564	30278	2.30%	0.233%
69	12.304	1733	1737	1739	rBV4	16208	28416	2.15%	0.219%
70	12.333	1739	1742	1745	rVB	46504	40391	3.06%	0.311%
71	12.433	1756	1759	1763	rBV2	48885	63030	4.78%	0.485%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.474	1763	1766	1771	rBV2	36337	62601	4.75%	0.482%
73	12.551	1776	1779	1781	rBV2	71697	79717	6.04%	0.614%
74	12.586	1782	1785	1791	rVV	106744	126404	9.58%	0.973%
75	12.668	1796	1799	1802	rBV4	51396	66107	5.01%	0.509%
76	12.704	1802	1805	1807	rBV	47751	41423	3.14%	0.319%
77	12.816	1820	1824	1834	rBV	600536	760178	57.64%	5.854%
78	13.186	1884	1887	1890	rBV	100188	126787	9.61%	0.976%
79	13.863	1998	2002	2008	rVB	1292228	1255356	95.19%	9.667%
80	14.004	2024	2026	2028	rBV	112563	104010	7.89%	0.801%
81	14.639	2131	2134	2144	rVB	227362	328559	24.91%	2.530%
82	15.268	2237	2241	2245	rBV	857800	1085723	82.32%	8.360%

Sum of corrected areas: 12986550

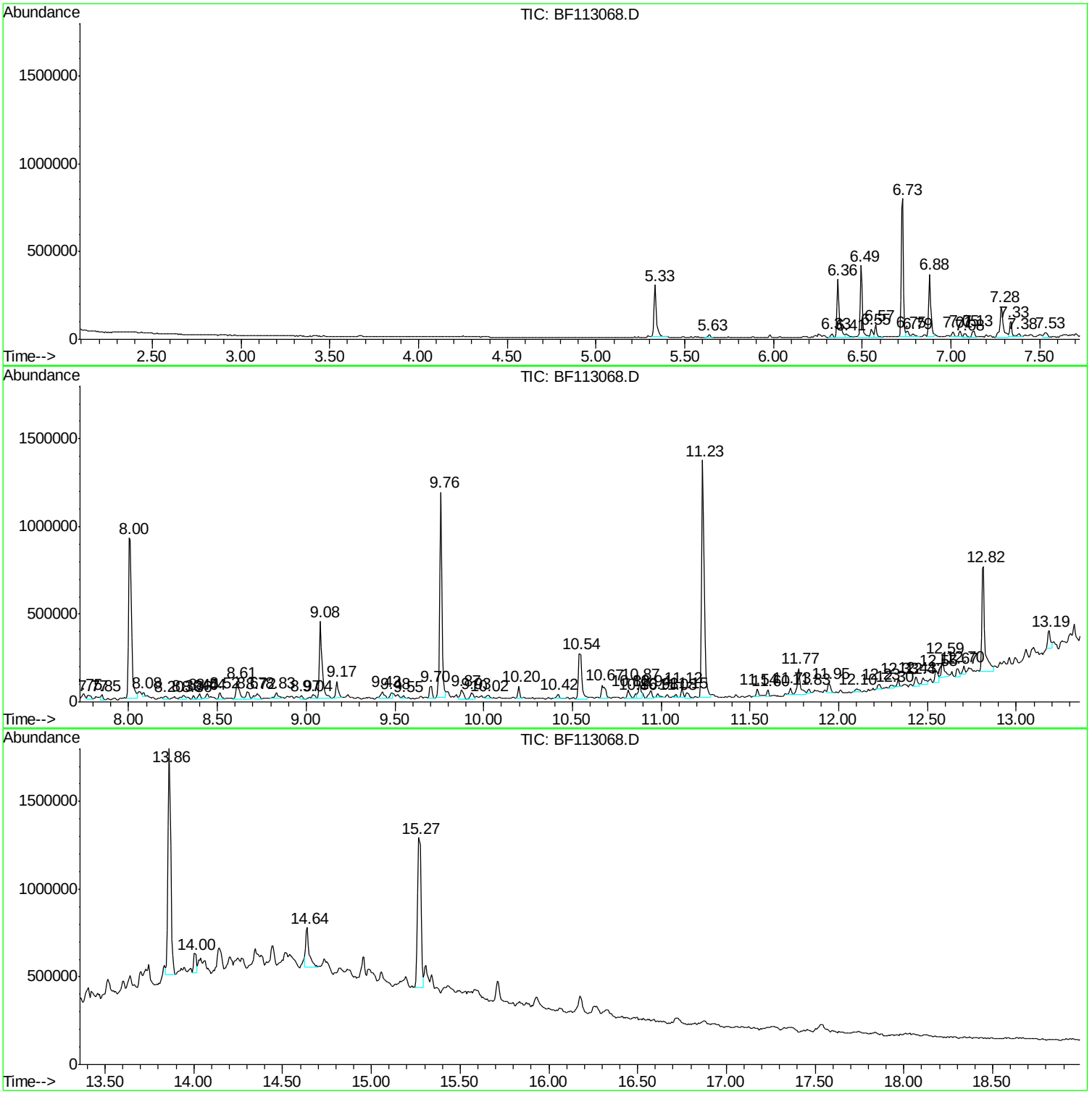
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

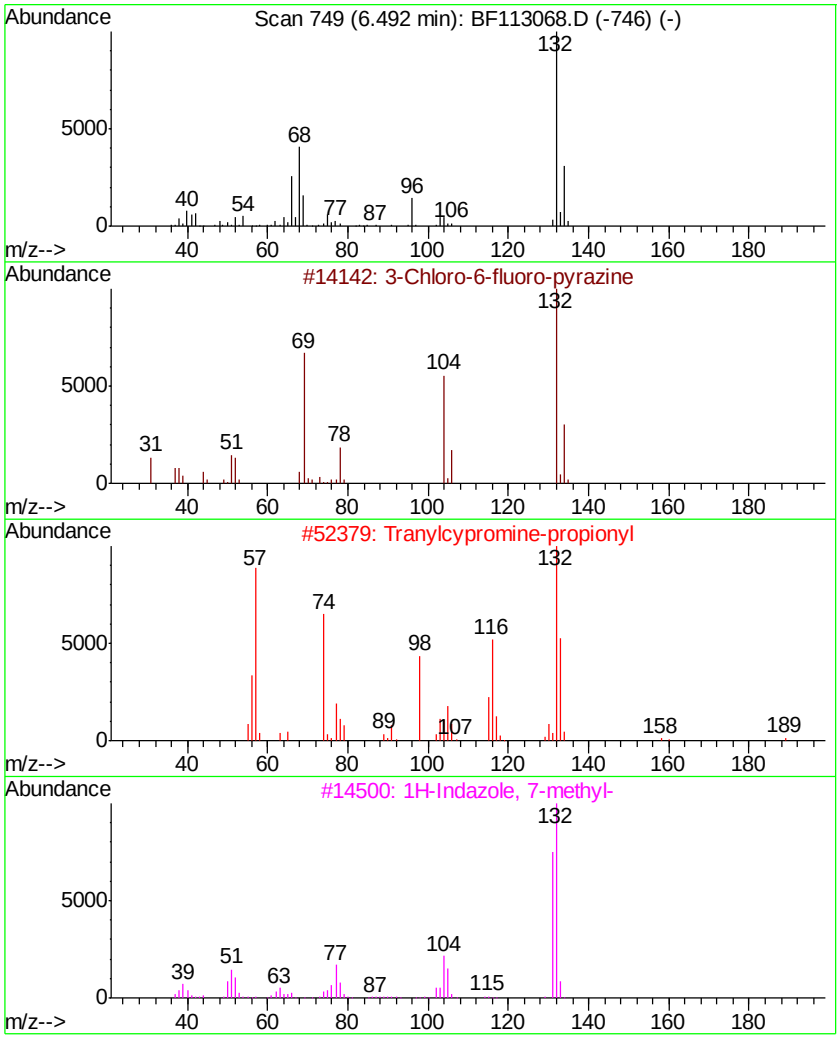
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

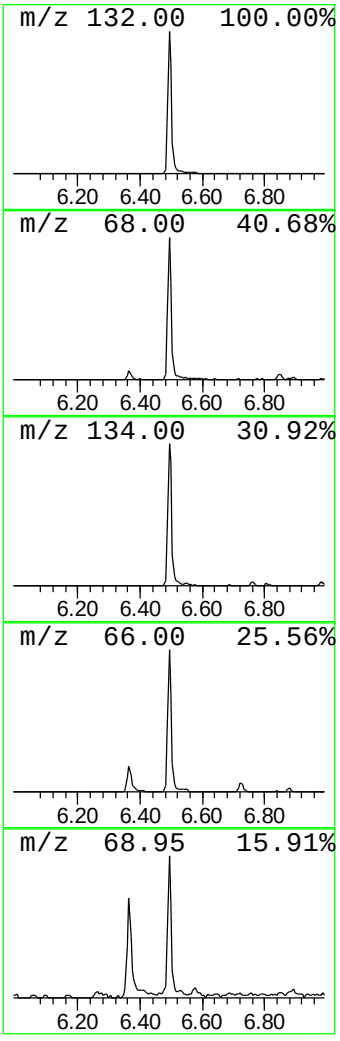
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	10.35 ng	375606	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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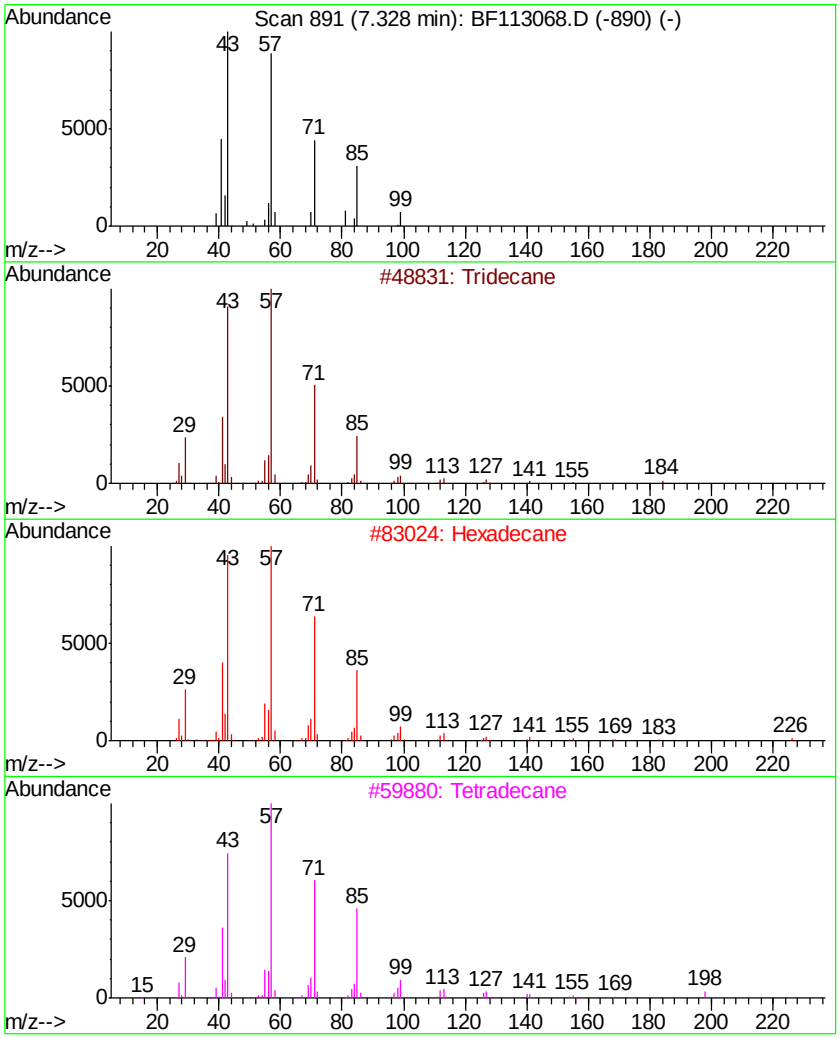
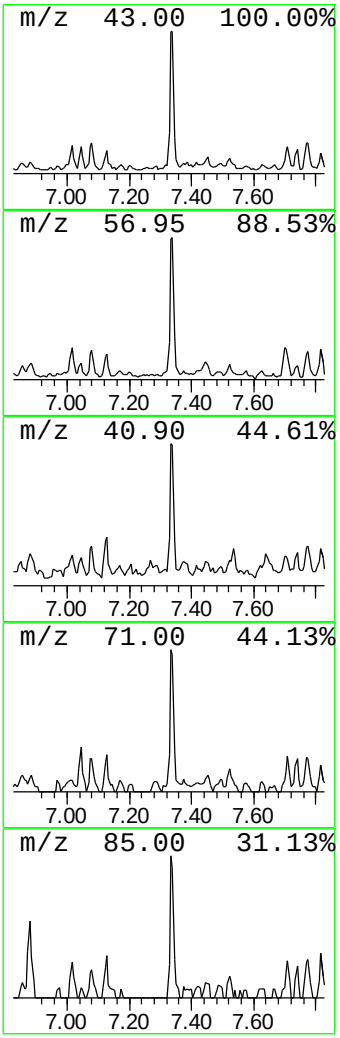
Peak Number 3 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	2.33 ng	84452	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Undecane	156	C11H24	001120-21-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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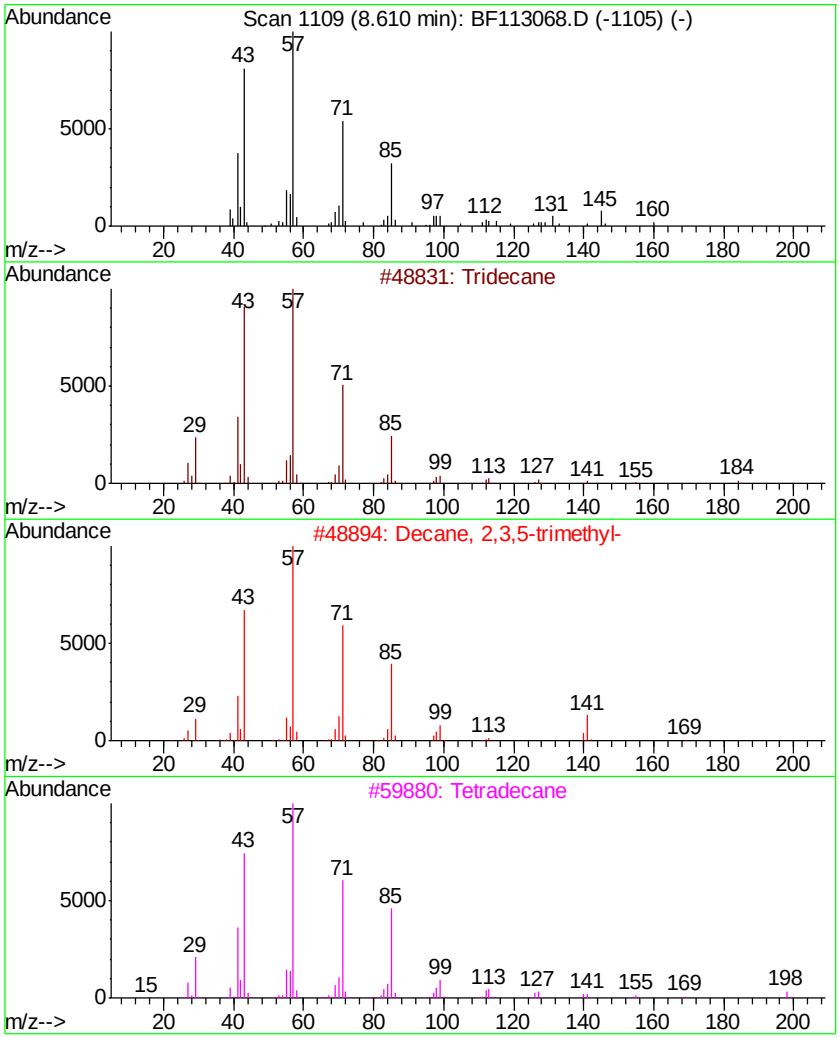
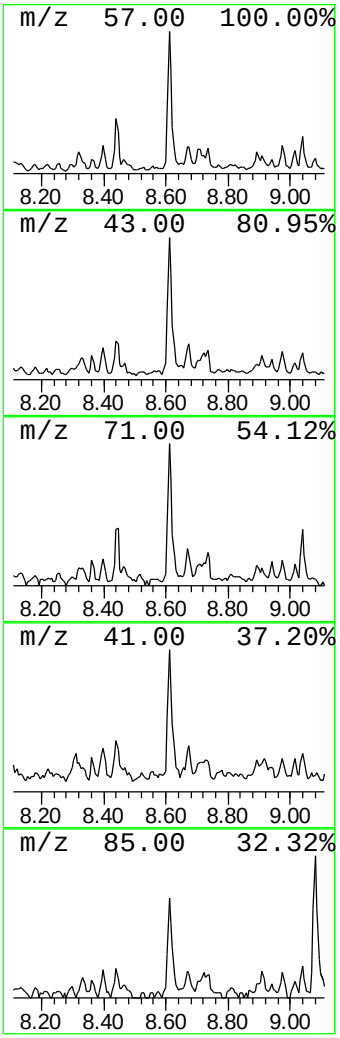
Peak Number 4 unknown8.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	2.43 ng	119402	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
3	Tetradecane	198	C14H30	000629-59-4	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Pentadecane	212	C15H32	000629-62-9	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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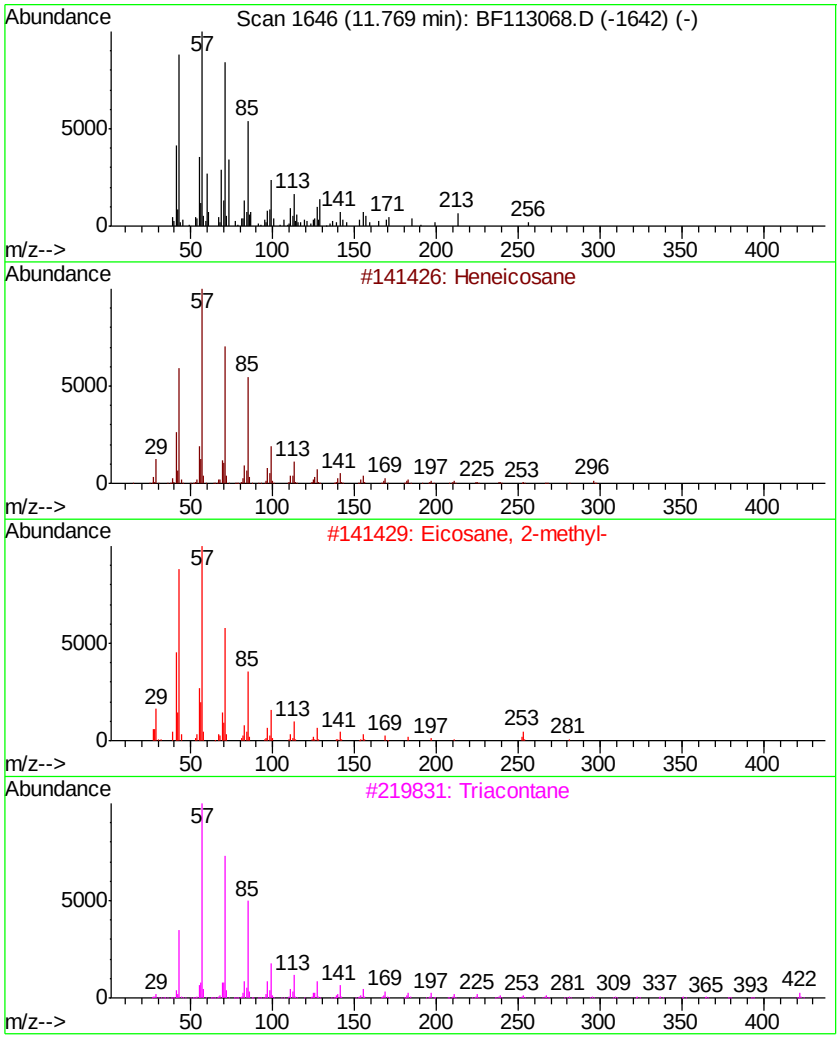
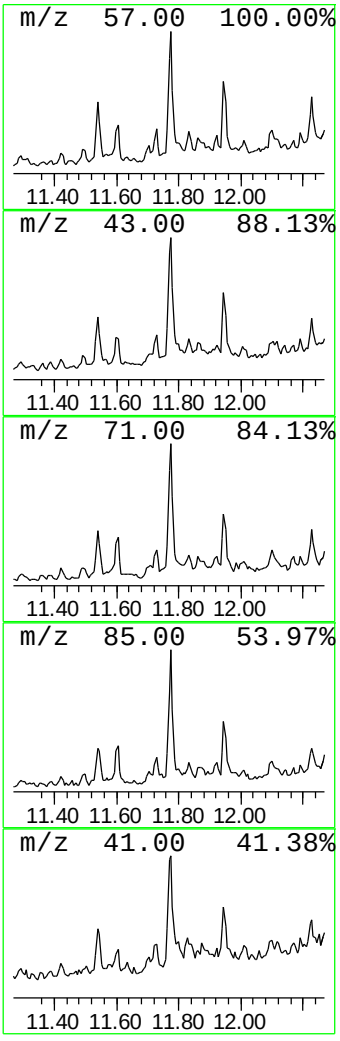
Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.94 ng	193804	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	62
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	58
3	Triacontane	422	C30H62	000638-68-6	58
4	2-methyloctacosane	408	C29H60	1000376-72-8	58
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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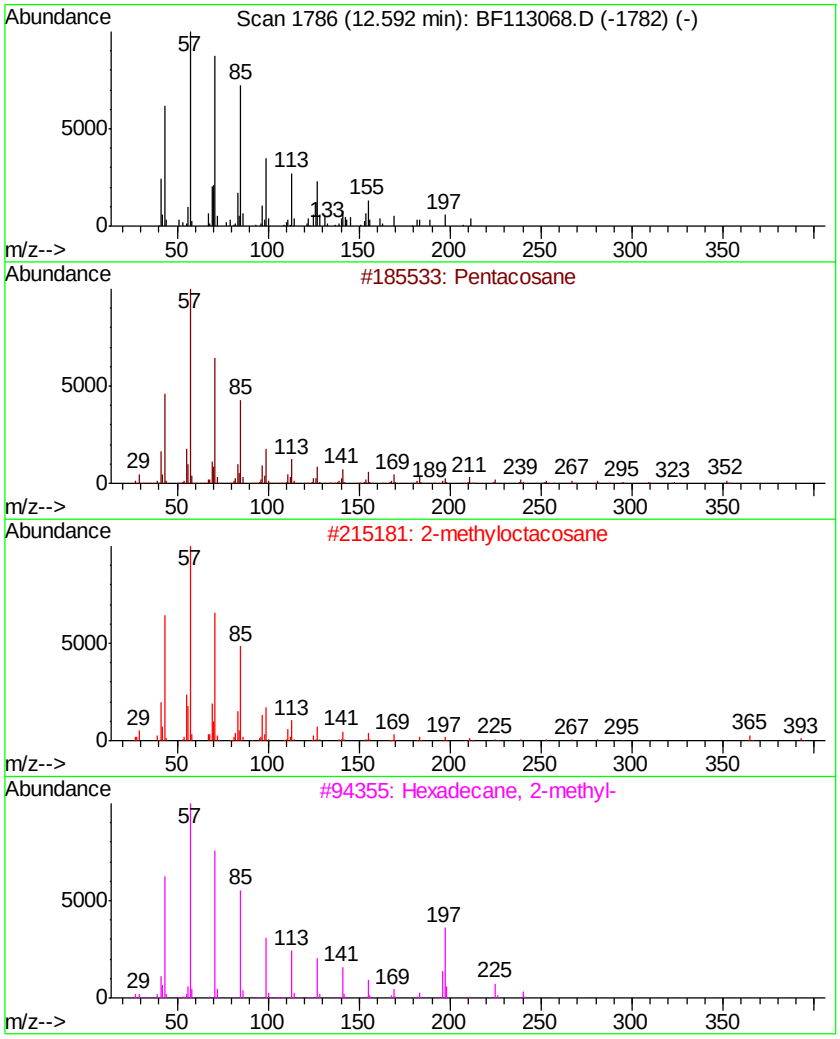
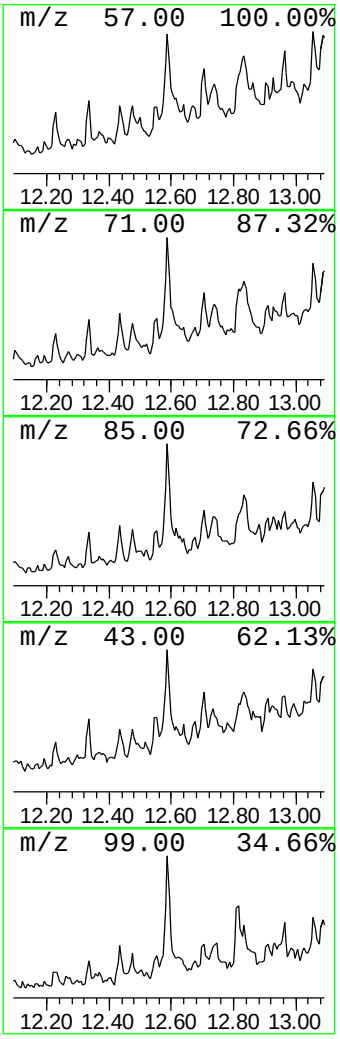
Peak Number 6 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.01 ng	126404	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	2-methyloctacosane	408	C29H60	1000376-72-8	83
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	80
4	Hentriacontane	437	C31H64	000630-04-6	78
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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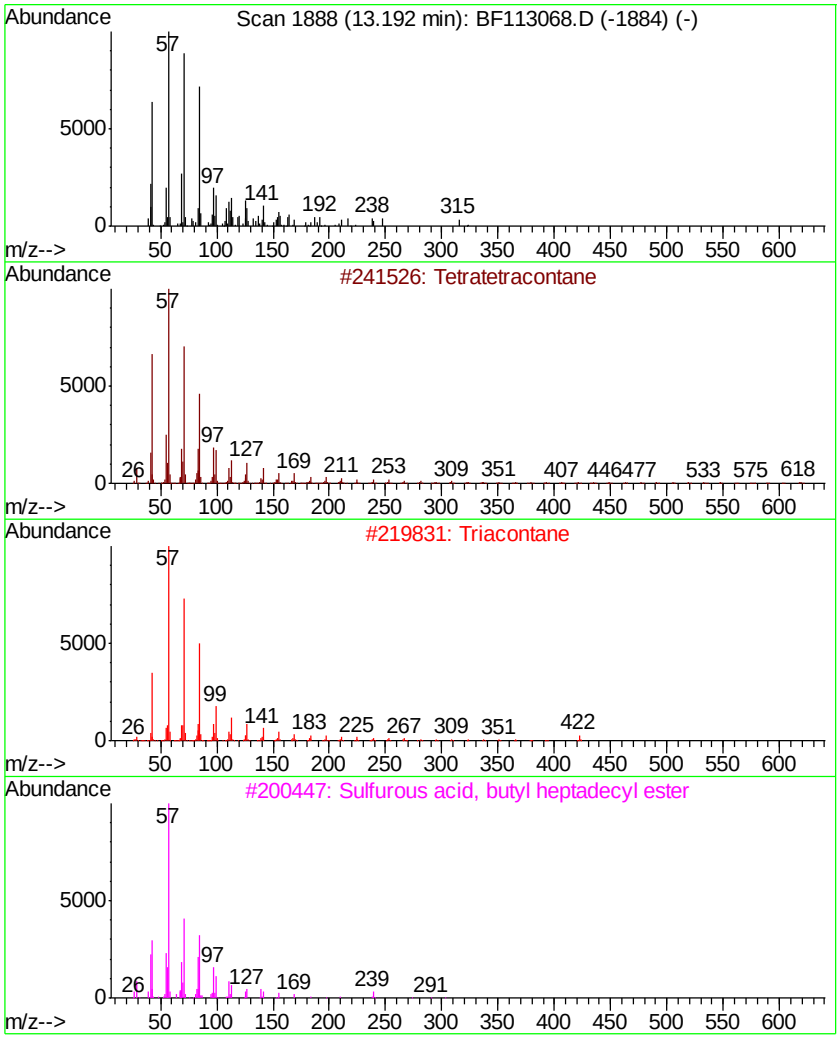
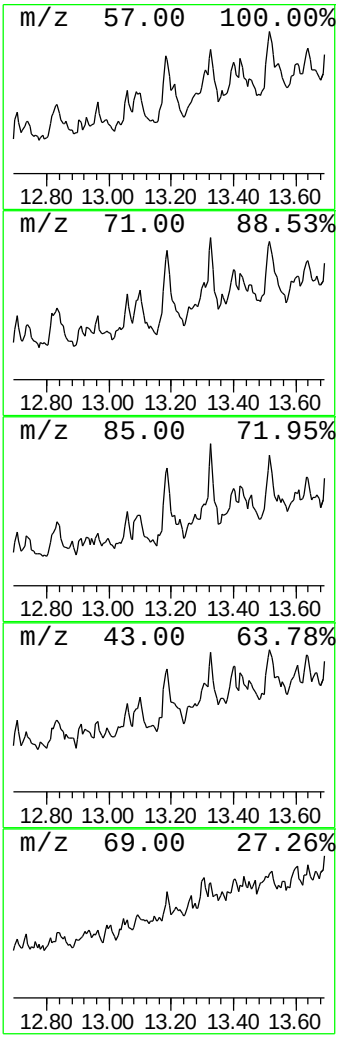
Peak Number 7 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.02 ng	126787	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	86
2	Triacontane	422	C30H62	000638-68-6	80
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	80
4	Pentacosane	352	C25H52	000629-99-2	80
5	Heneicosane	296	C21H44	000629-94-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

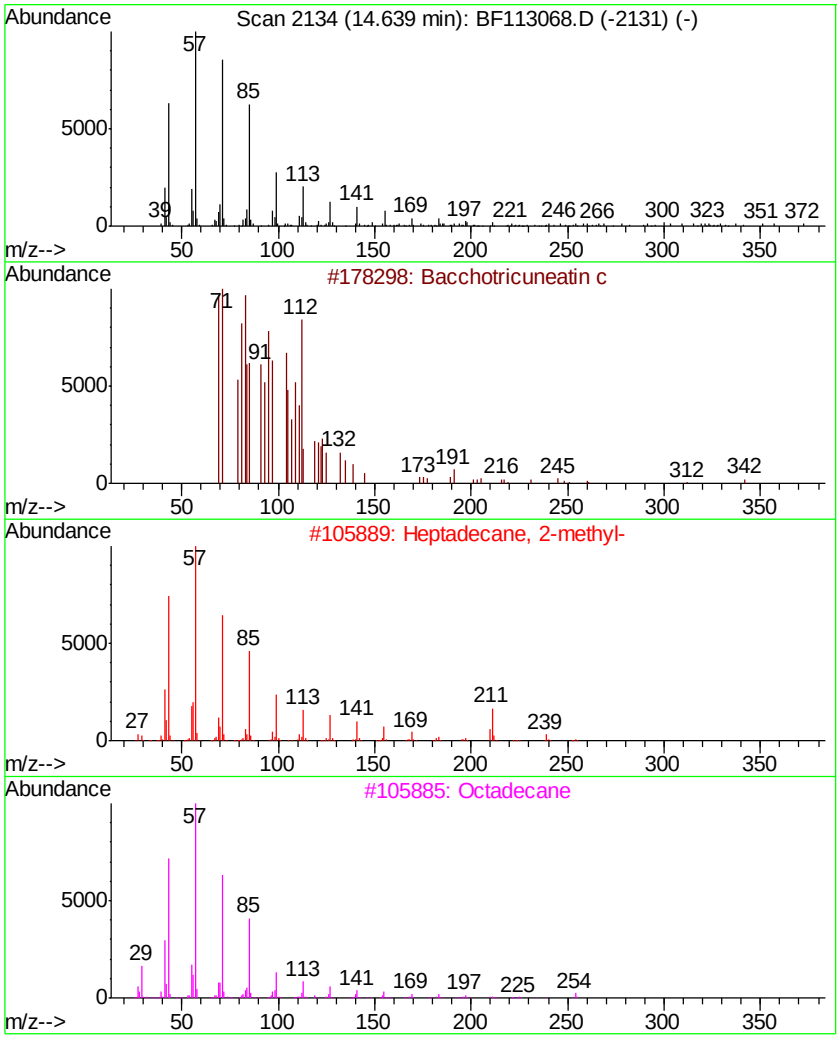
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

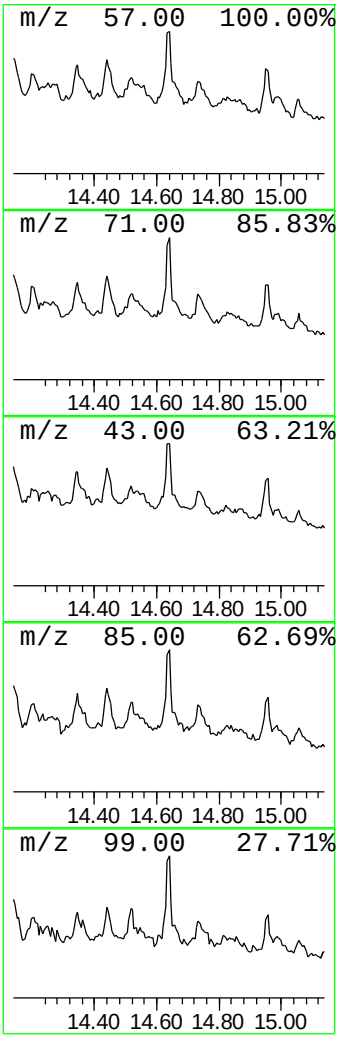
****

Peak Number 8 Bacchotricuneatin c Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	6.05 ng	328559	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	94
3	Octadecane	254	C18H38	000593-45-3	94
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heneicosane	296	C21H44	000629-94-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.49	6.49	10.4	ng	375606	1	6.73	725524	20.0
Tridecane	7.33	2.3	ng	84452	1	6.73	725524	20.0
unknown8.61	8.61	2.4	ng	119402	2	8.01	981684	20.0
Heneicosane	11.77	2.9	ng	193804	4	11.23	1318850	20.0
Pentacosane	12.59	2.0	ng	126404	5	13.86	1255360	20.0
Tetratetracontane	13.19	2.0	ng	126787	5	13.86	1255360	20.0
Bacchotricuneatin c	14.64	6.0	ng	328559	6	15.27	1085720	20.0