LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111769.D
Acq On : 27 Dec 2018 18:18
Operator : JU/SJ
Sample : J6426-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS001-01

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-BF121918.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	2.175	12	15	19	rVB	50185	66890	6.92%	0.905%
2	5.540	584	587	592	rVB	183787	169993	17.59%	2.299%
3	6.545	754	758	764	rBV	195118	187295	19.38%	2.533%
4	6.681	777	781	788	rVB	230782	189715	19.63%	2.566%
5	6.910	816	820	823	rBV	863590	774111	80.09%	10.470%
6	7.063	843	846	850	rVB	203591	159242	16.48%	2.154%
7	7.457	910	913	918	rVB	130308	114278	11.82%	1.546%
8	8.192	1034	1038	1041	rBV	1178843	929252	96.15%	12.569%
9	9.263	1216	1220	1225	rBV	267921	228456	23.64%	3.090%
10	9.351	1231	1235	1243	rBV7	9340	18456	1.91%	0.250%
11	9.945	1332	1336	1340	rBV2	1135887	966500	100.00%	13.073%
12	10.733	1467	1470	1475	rBV	146086	119505	12.36%	1.616%
13	11.145	1537	1540	1544	rBV	42988	39867	4.12%	0.539%
14	11.433	1585	1589	1593	rBV	1135023	926286	95.84%	12.529%
15	12.892	1834	1837	1842	rVB	178210	194933	20.17%	2.637%
16	13.016	1855	1858	1861	rVB	241880	217331	22.49%	2.940%
17	13.586	1953	1955	1959	rVB	178272	147047	15.21%	1.989%
18	13.915	2009	2011	2015	rVB	223192	198897	20.58%	2.690%
19	14.074	2035	2038	2041	rBV	907790	789832	81.72%	10.683%
20	14.233	2062	2065	2068	rVB	333804	310897	32.17%	4.205%
21	14.539	2115	2117	2121	rBV	303395	269226	27.86%	3.641%
22	15.568	2289	2292	2295	rBV	347413	375315	38.83%	5.076%

Sum of corrected areas: 7393324

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
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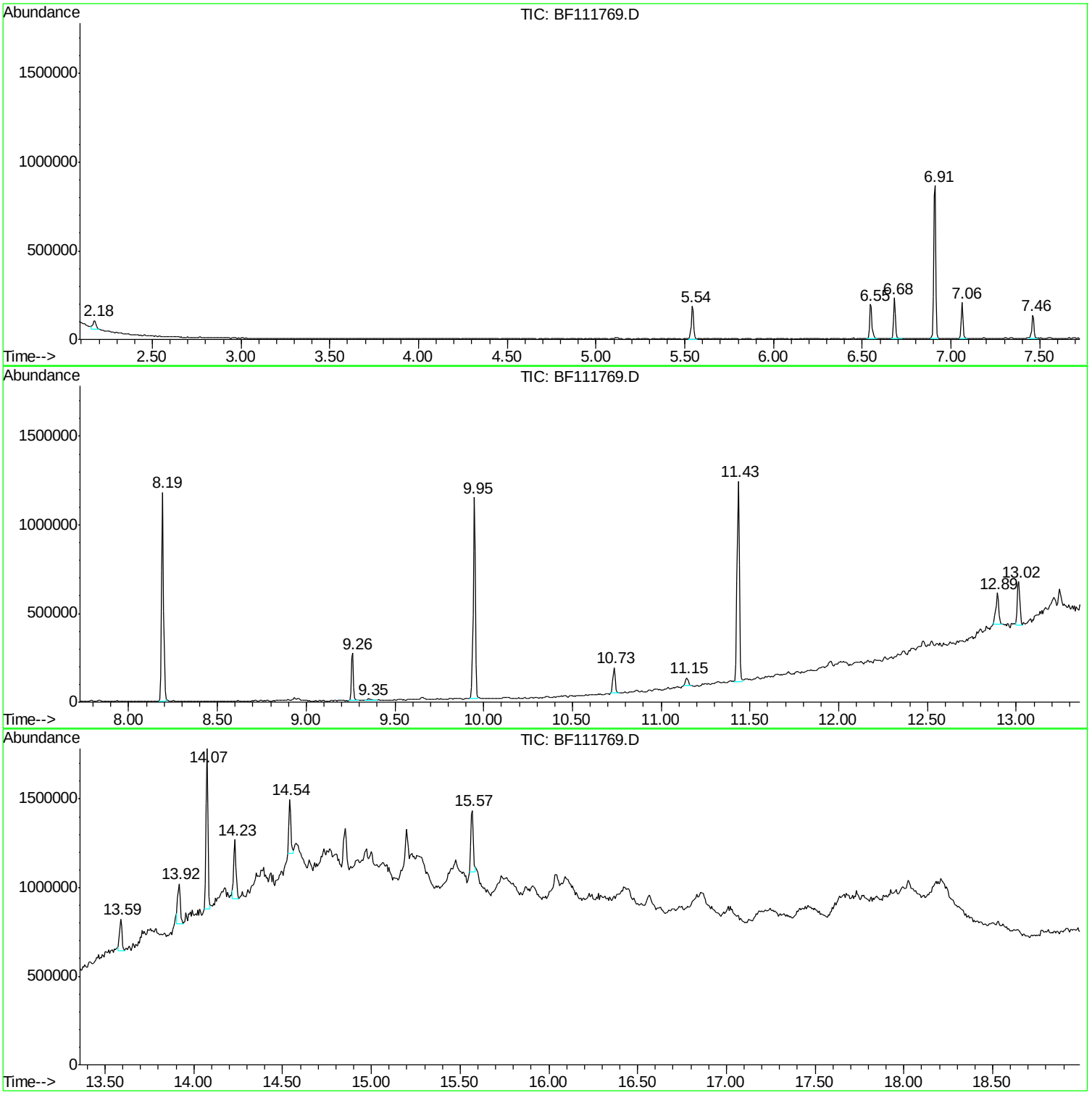
Acq On : 27 Dec 2018 18:18
Operator : JU/SJ
Sample : J6426-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF122718\
Data File : BF111769.D
Acq On : 27 Dec 2018 18:18
Operator : JU/SJ
Sample : J6426-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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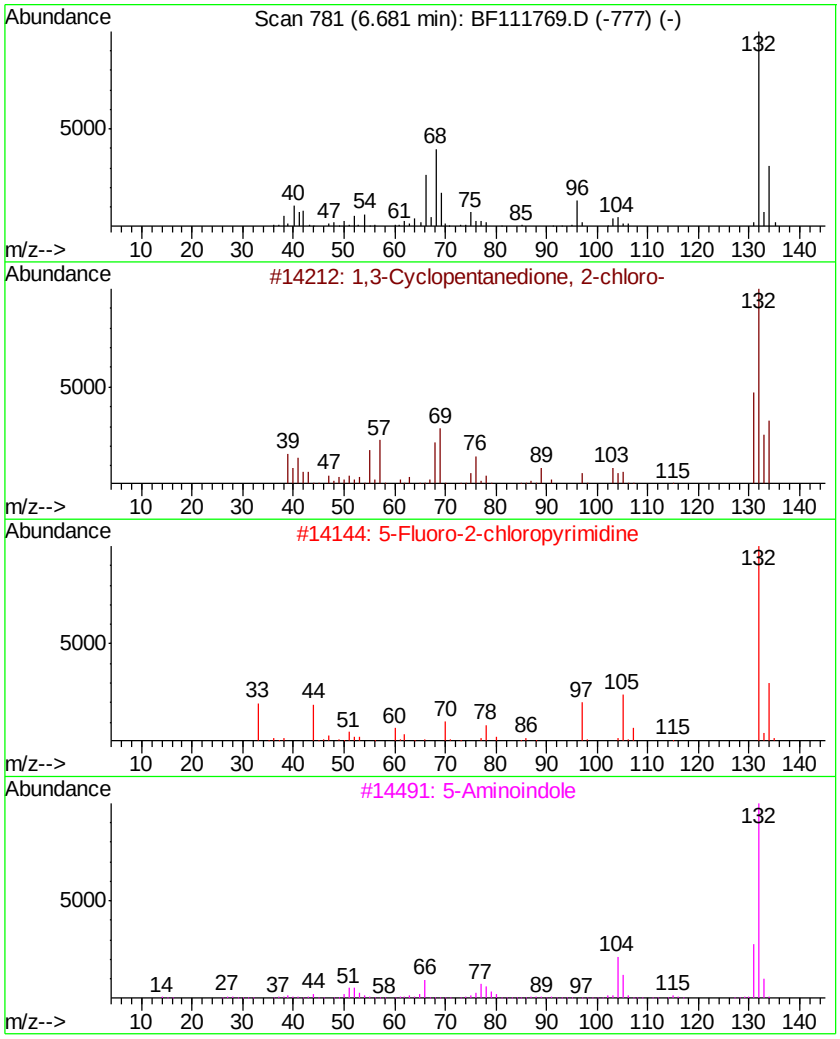
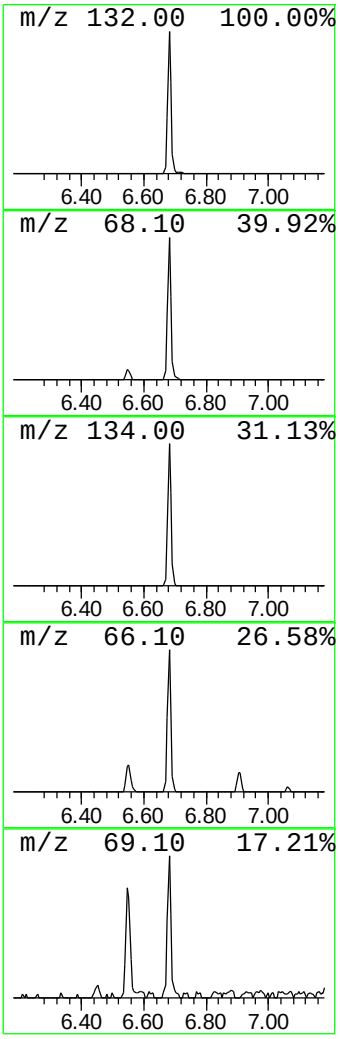
Peak Number 1 unknown6.68 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	4.90 ng	189715	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111769.D
Acq On : 27 Dec 2018 18:18
Operator : JU/SJ
Sample : J6426-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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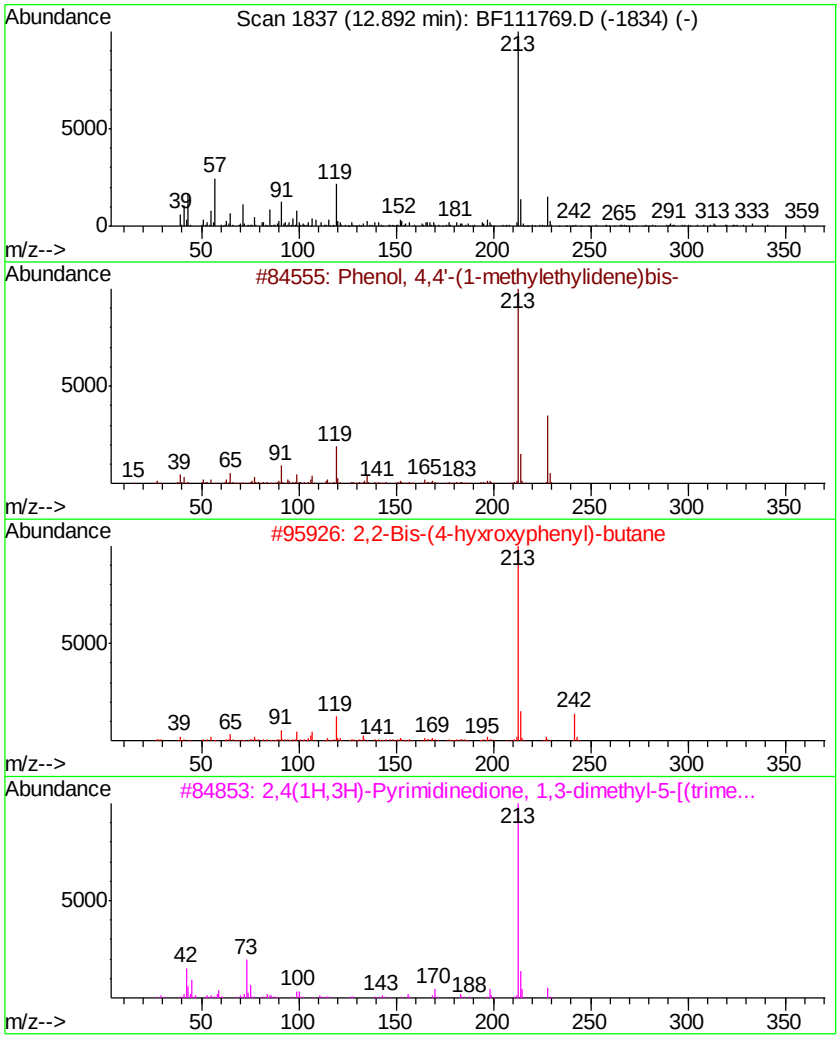
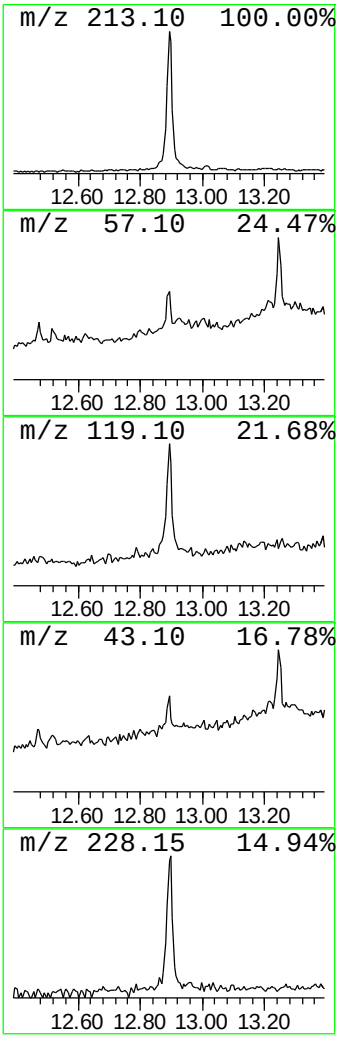
Peak Number 3 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	4.94 ng	194933	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	91
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	72
3	2,4(1H,3H)-Pyrimidinedione, 1,3-...	228	C9H16N2O3Si	089447-84-7	59
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
5	Acridine, 9-chloro-	213	C13H8ClN	001207-69-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111769.D
Acq On : 27 Dec 2018 18:18
Operator : JU/SJ
Sample : J6426-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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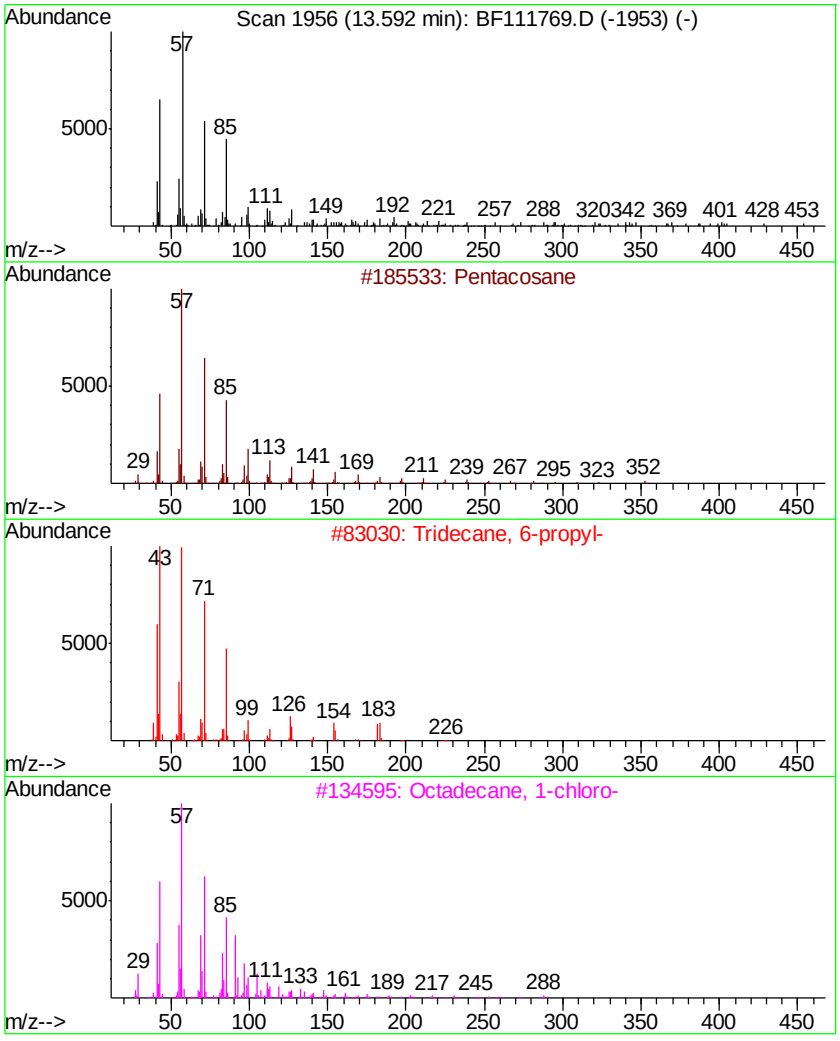
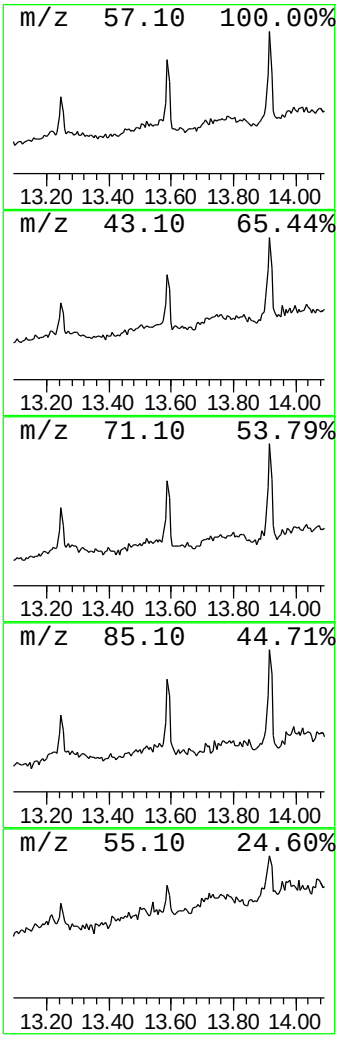
Peak Number 4 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	3.72 ng	147047	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	81
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	80
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111769.D
Acq On : 27 Dec 2018 18:18
Operator : JU/SJ
Sample : J6426-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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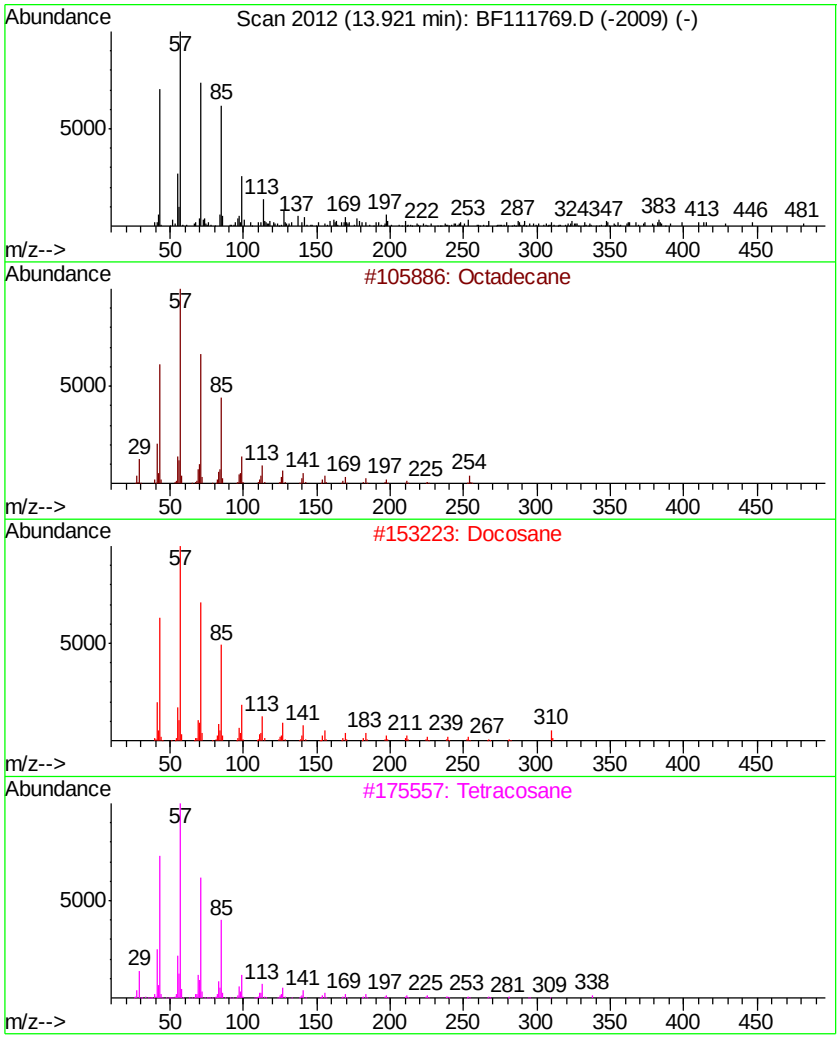
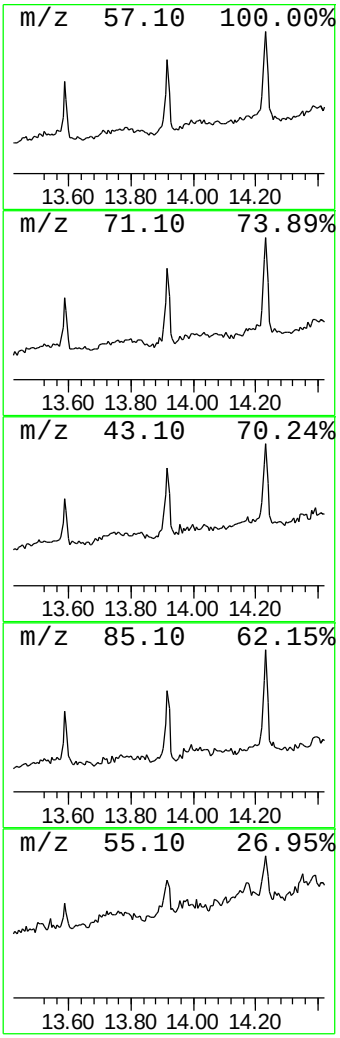
Peak Number 5 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	5.04 ng	198897	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Docosane	310	C22H46	000629-97-0	93
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111769.D
Acq On : 27 Dec 2018 18:18
Operator : JU/SJ
Sample : J6426-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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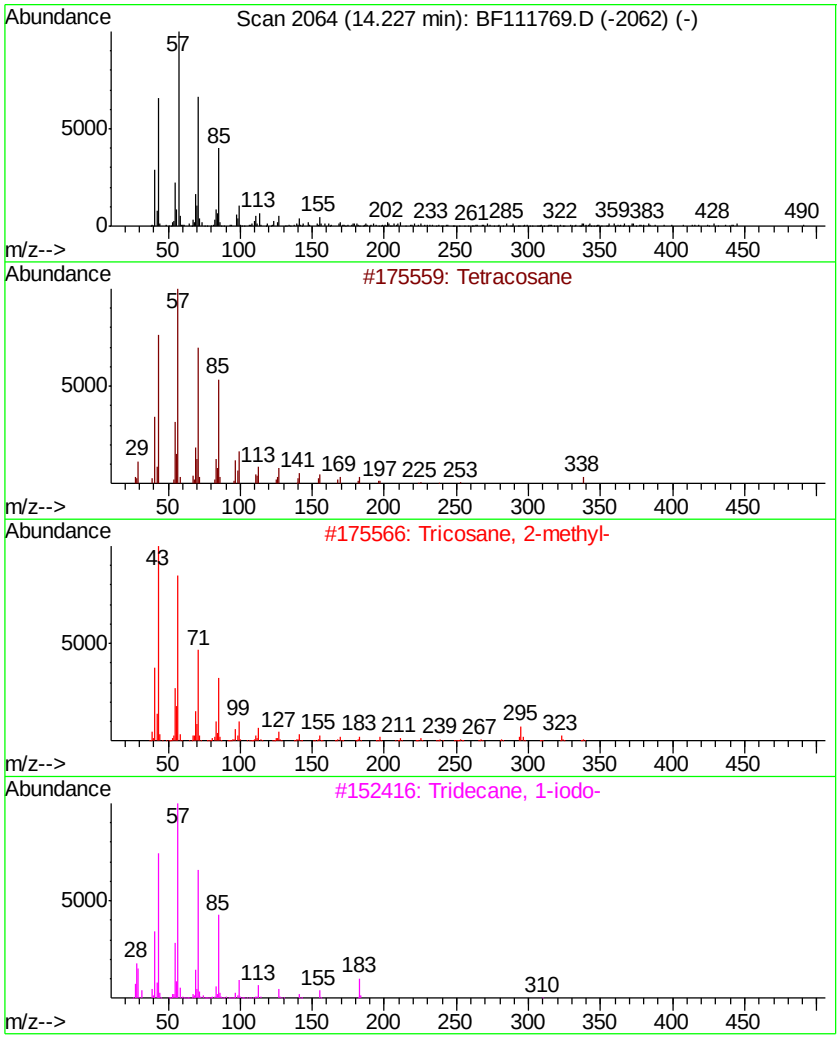
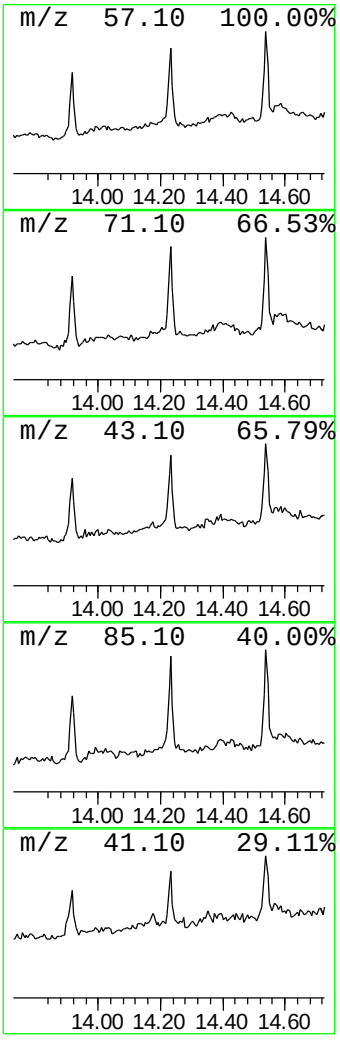
Peak Number 6 Tetracosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	7.87 ng	310897	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	95
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : J6426-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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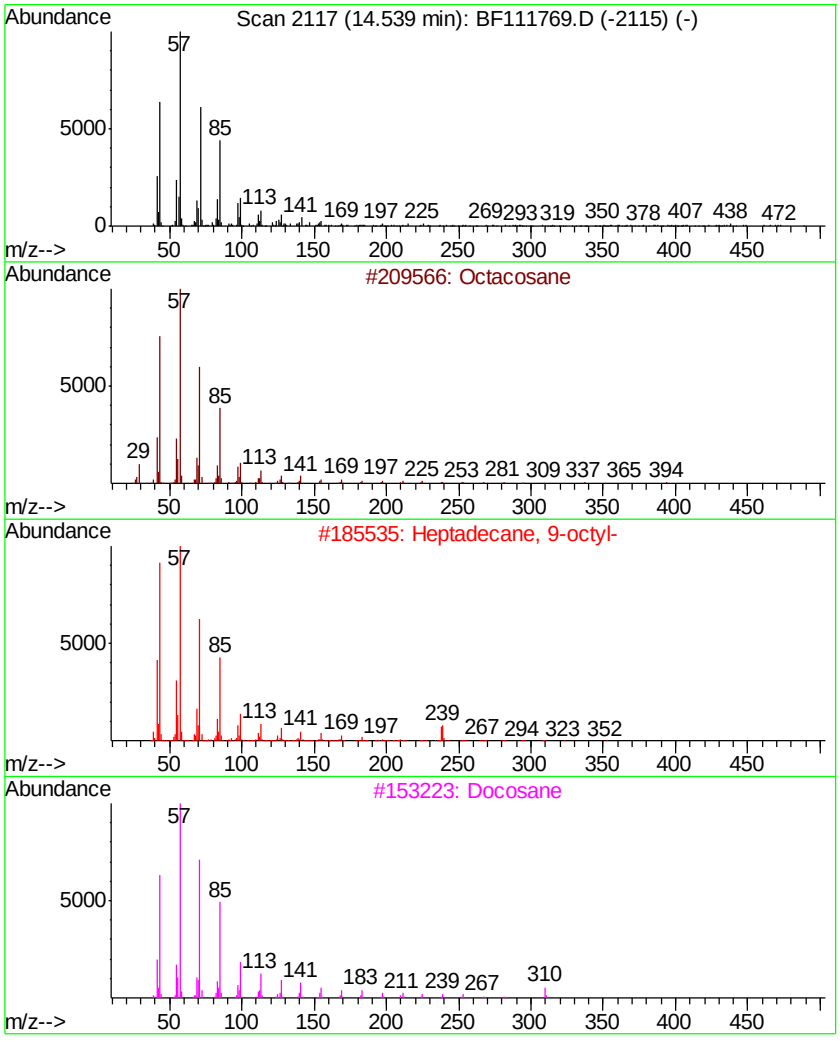
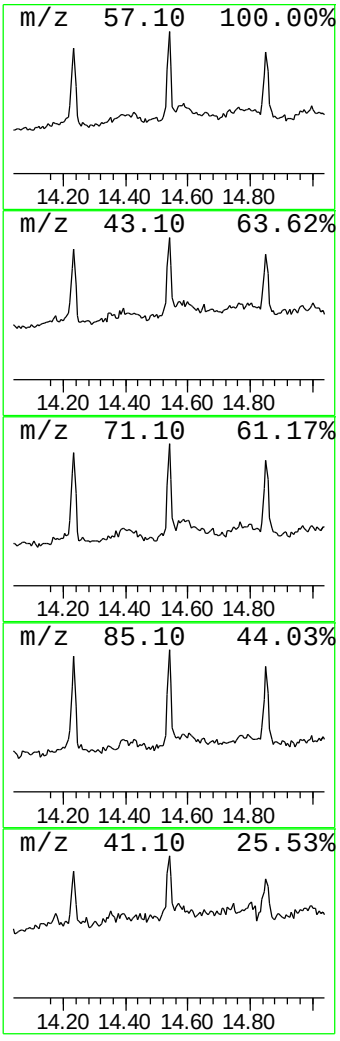
Peak Number 7 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	6.82 ng	269226	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Docosane	310	C22H46	000629-97-0	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tetratetracontane	619	C44H90	007098-22-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111769.D
Acq On : 27 Dec 2018 18:18
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : P001-DS001-01

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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
unknown6.68	6.68	4.9	ng	189715	1	6.91	774111	20.0
Phenol, 4,4'-(1-m...	12.89	4.9	ng	194933	5	14.07	789832	20.0
Pentacosane	13.59	3.7	ng	147047	5	14.07	789832	20.0
Octadecane	13.92	5.0	ng	198897	5	14.07	789832	20.0
Tetracosane	14.23	7.9	ng	310897	5	14.07	789832	20.0
Octacosane	14.54	6.8	ng	269226	5	14.07	789832	20.0