LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111139.D
Acq On : 6 Dec 2018 15:35
Operator : JU/SJ
Sample : J6233-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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-BF120518.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	3.216	189	192	203	rBV2	69709	172365	2.13%	0.212%
2	5.004	489	496	503	rBV	406624	515222	6.37%	0.635%
3	5.416	561	566	569	rBV	8032930	7171752	88.68%	8.841%
4	6.428	733	738	743	rBV	7970520	8087586	100.00%	9.970%
5	6.575	758	763	766	rBV	7647404	7469269	92.35%	9.208%
6	6.804	798	802	806	rBV	3429023	2691586	33.28%	3.318%
7	6.963	825	829	832	rVB	6633176	5480482	67.76%	6.756%
8	7.363	892	897	900	rBV	5433061	4792925	59.26%	5.908%
9	8.087	1016	1020	1023	rBV	4561883	3551362	43.91%	4.378%
10	9.163	1199	1203	1206	rBV	9366474	7460436	92.25%	9.197%
11	9.551	1266	1269	1273	rBV	963957	840887	10.40%	1.037%
12	9.839	1314	1318	1322	rBV2	4556444	3904109	48.27%	4.813%
13	10.622	1447	1451	1455	rBV	5437596	4862195	60.12%	5.994%
14	11.322	1566	1570	1573	rBV	4836099	3886883	48.06%	4.791%
15	11.857	1657	1661	1673	rBV	2080777	2283129	28.23%	2.814%
16	12.645	1791	1795	1805	rBV	1048962	1232225	15.24%	1.519%
17	12.910	1835	1840	1843	rBV	7737194	6789477	83.95%	8.370%
18	13.392	1915	1922	1927	rBV6	53231	100860	1.25%	0.124%
19	13.816	1990	1994	2004	rBV2	529803	730564	9.03%	0.901%
20	13.957	2014	2018	2021	rBV	3819514	3364614	41.60%	4.148%
21	14.074	2035	2038	2041	rBV3	84923	102899	1.27%	0.127%
22	14.139	2046	2049	2052	rVB	214210	184858	2.29%	0.228%
23	14.445	2098	2101	2106	rBV	242856	227804	2.82%	0.281%
24	14.721	2144	2148	2151	rBV	1285556	1295726	16.02%	1.597%
25	14.745	2151	2152	2156	rVB	275473	234001	2.89%	0.288%
26	14.821	2162	2165	2170	rVB	259120	239198	2.96%	0.295%
27	15.080	2205	2209	2212	rBV	221101	243460	3.01%	0.300%
28	15.392	2257	2262	2267	rVB	2188312	2564960	31.71%	3.162%
29	15.451	2269	2272	2277	rVB	194620	225778	2.79%	0.278%
30	15.880	2341	2345	2350	rVB	140098	188408	2.33%	0.232%
31	15.933	2350	2354	2361	rBV10	37364	92331	1.14%	0.114%
32	16.368	2425	2428	2435	rVB2	84323	133855	1.66%	0.165%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-1

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-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 81121206

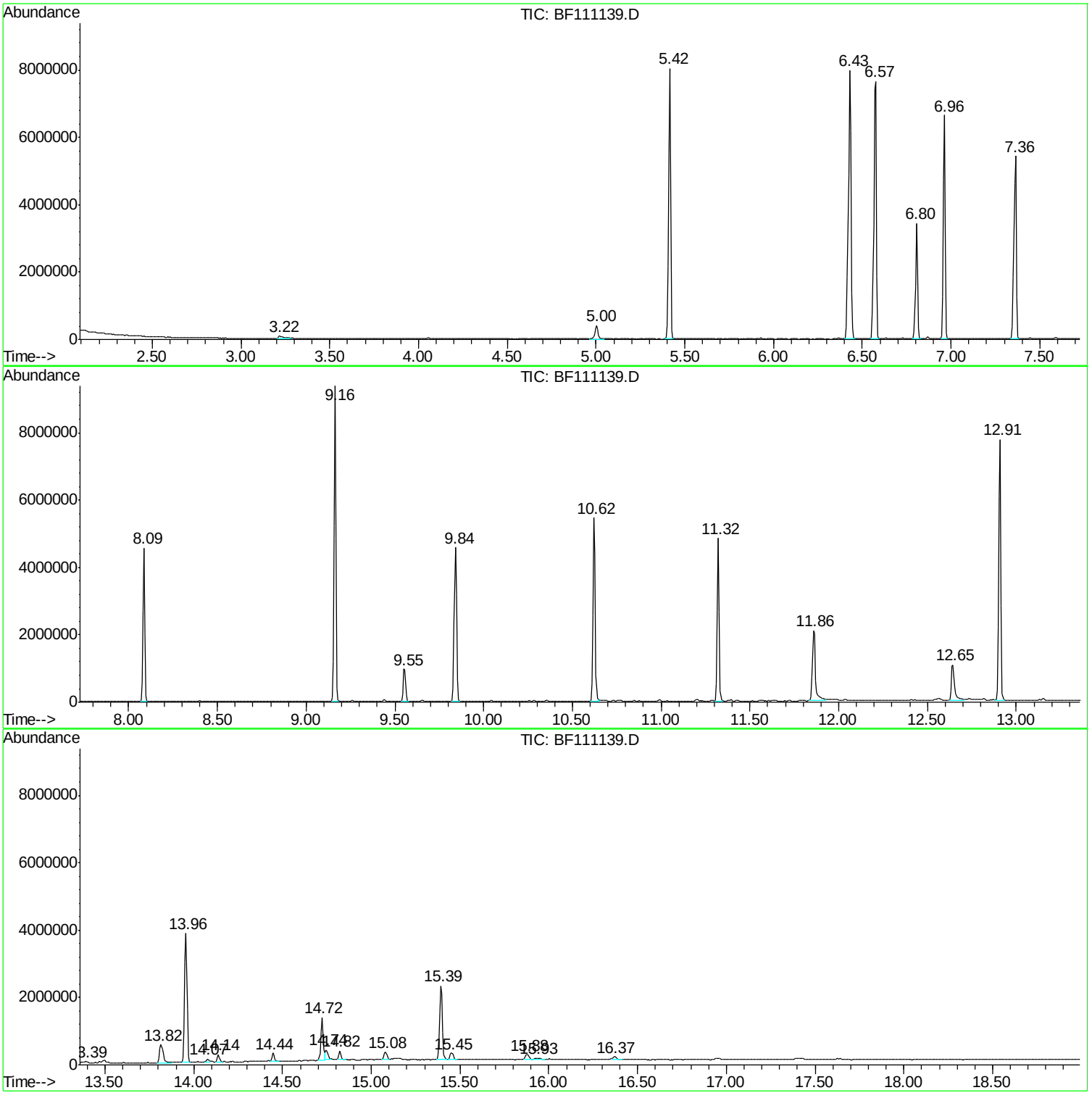
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111139.D
Acq On : 6 Dec 2018 15:35
Operator : JU/SJ
Sample : J6233-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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\BF120618\
Data File : BF111139.D
Acq On : 6 Dec 2018 15:35
Operator : JU/SJ
Sample : J6233-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

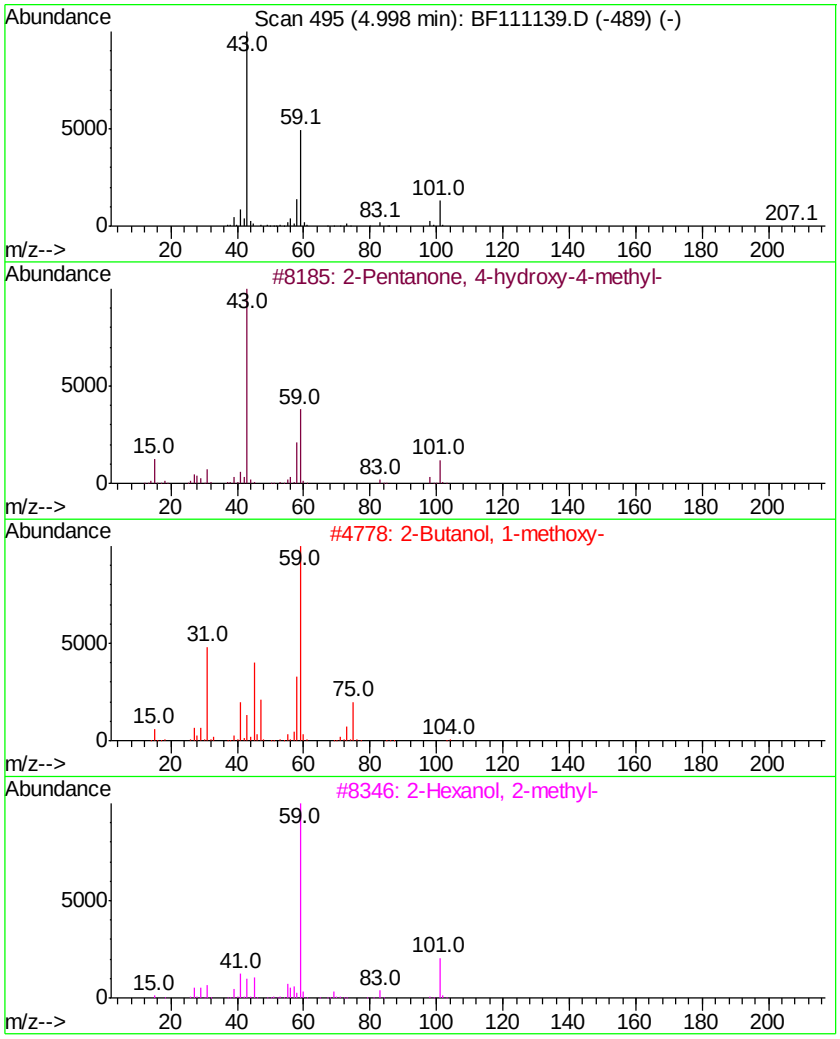
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

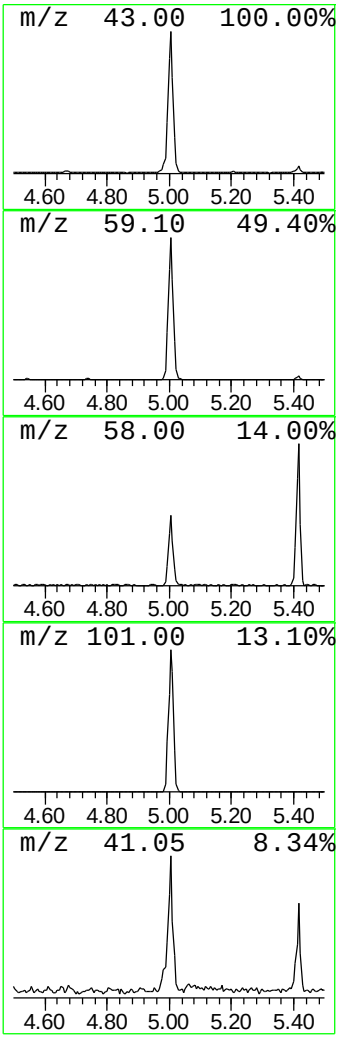
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.83 ng	515222	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	32
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111139.D
Acq On : 6 Dec 2018 15:35
Operator : JU/SJ
Sample : J6233-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

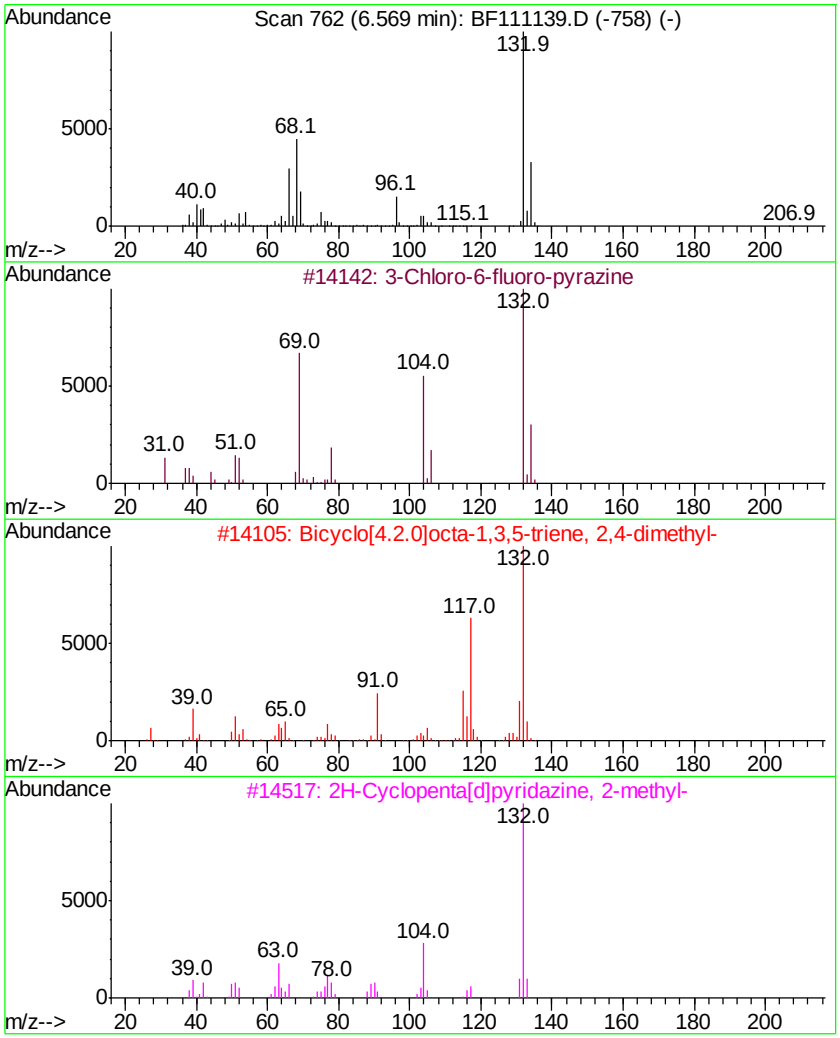
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

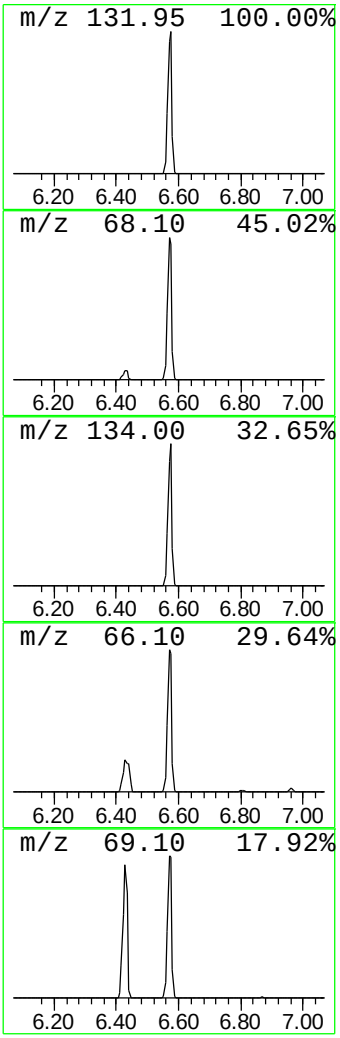
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	55.50 ng	7469270	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111139.D
Acq On : 6 Dec 2018 15:35
Operator : JU/SJ
Sample : J6233-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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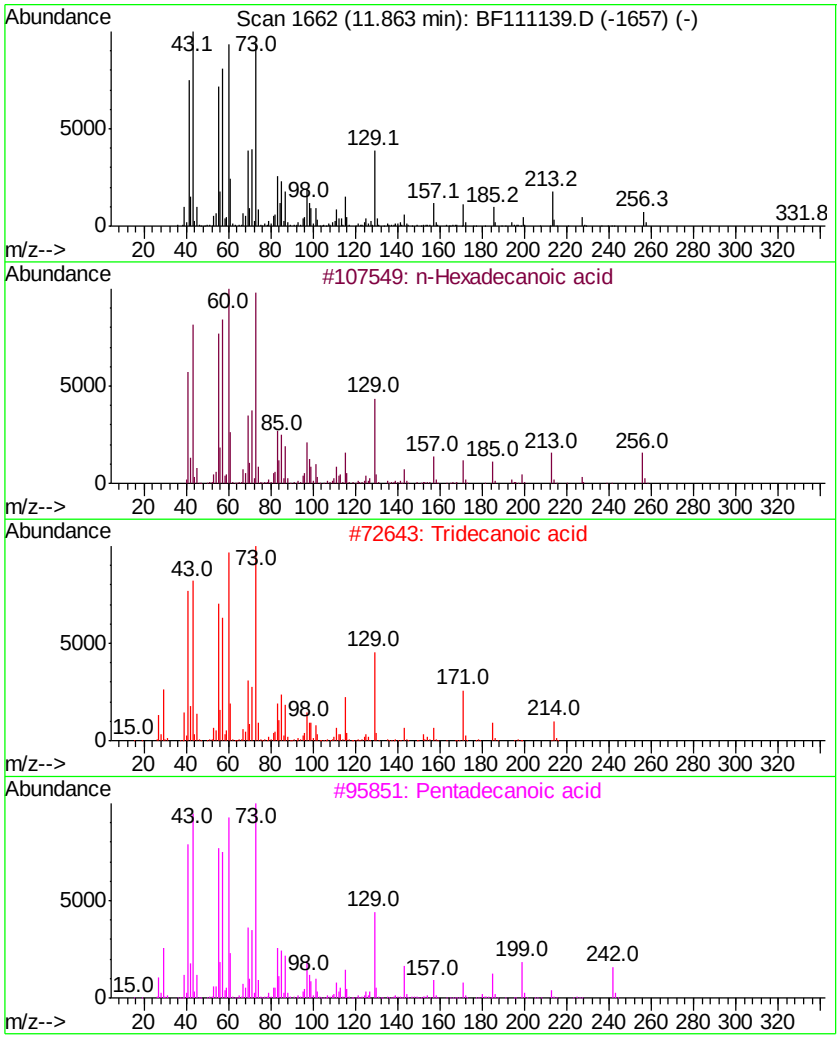
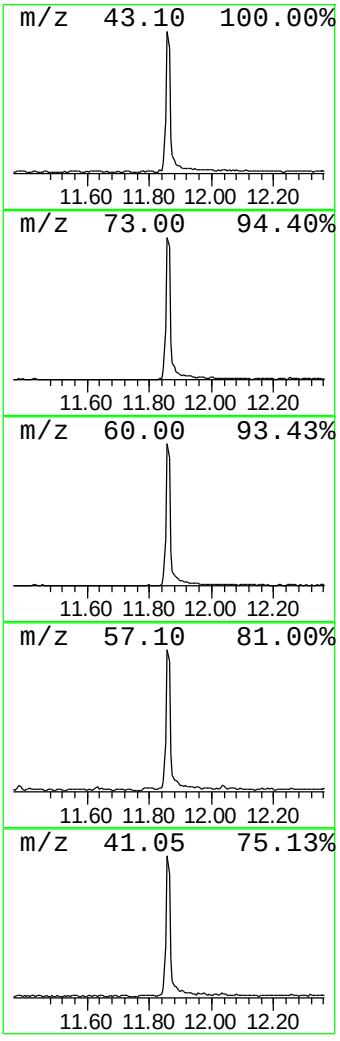
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	11.75 ng	2283130	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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Acq On : 6 Dec 2018 15:35
Operator : JU/SJ
Sample : J6233-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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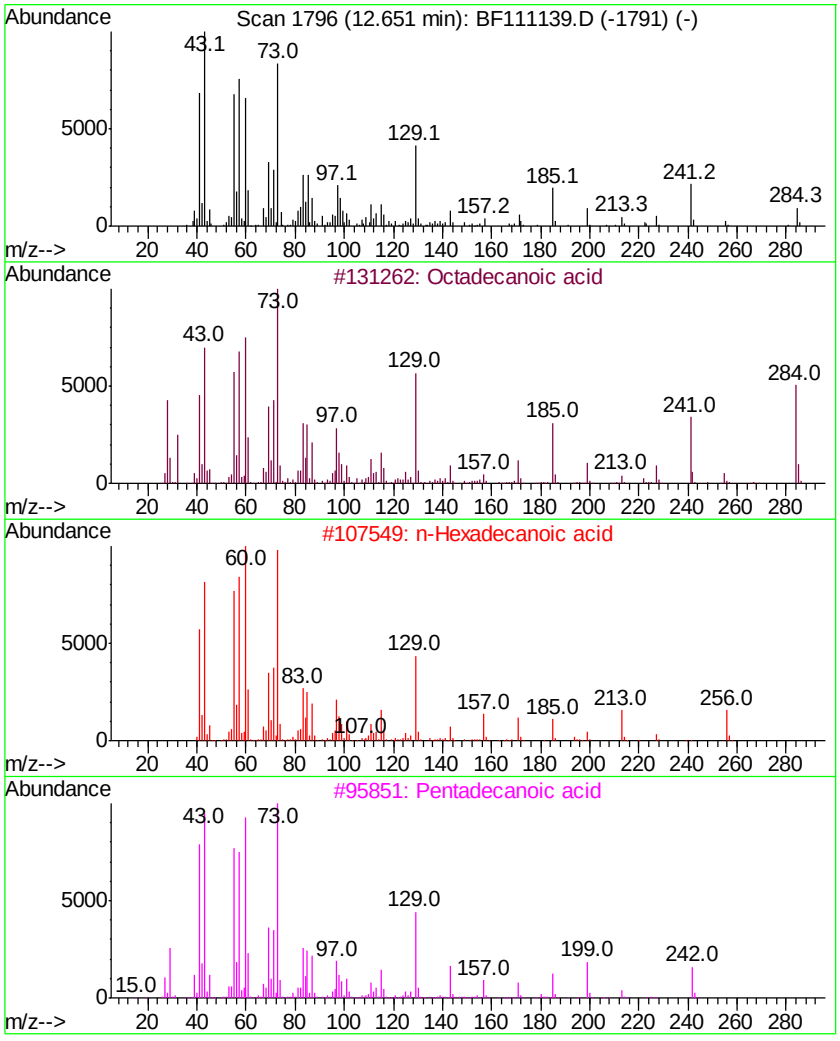
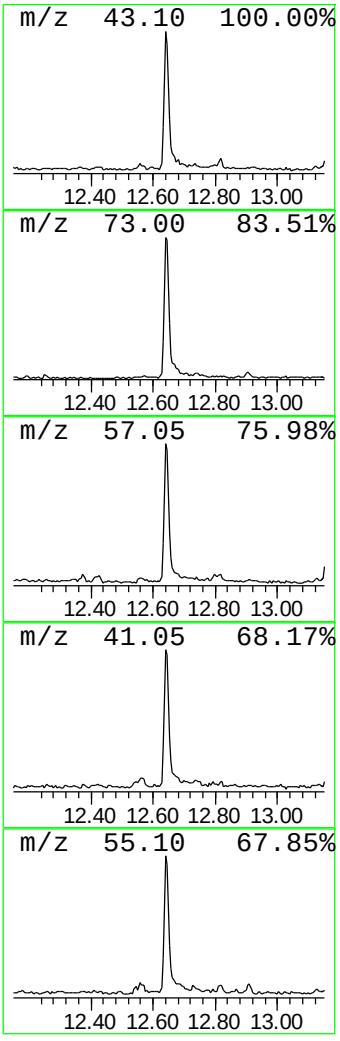
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	7.32 ng	1232230	Chrysene-d12	13.96

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

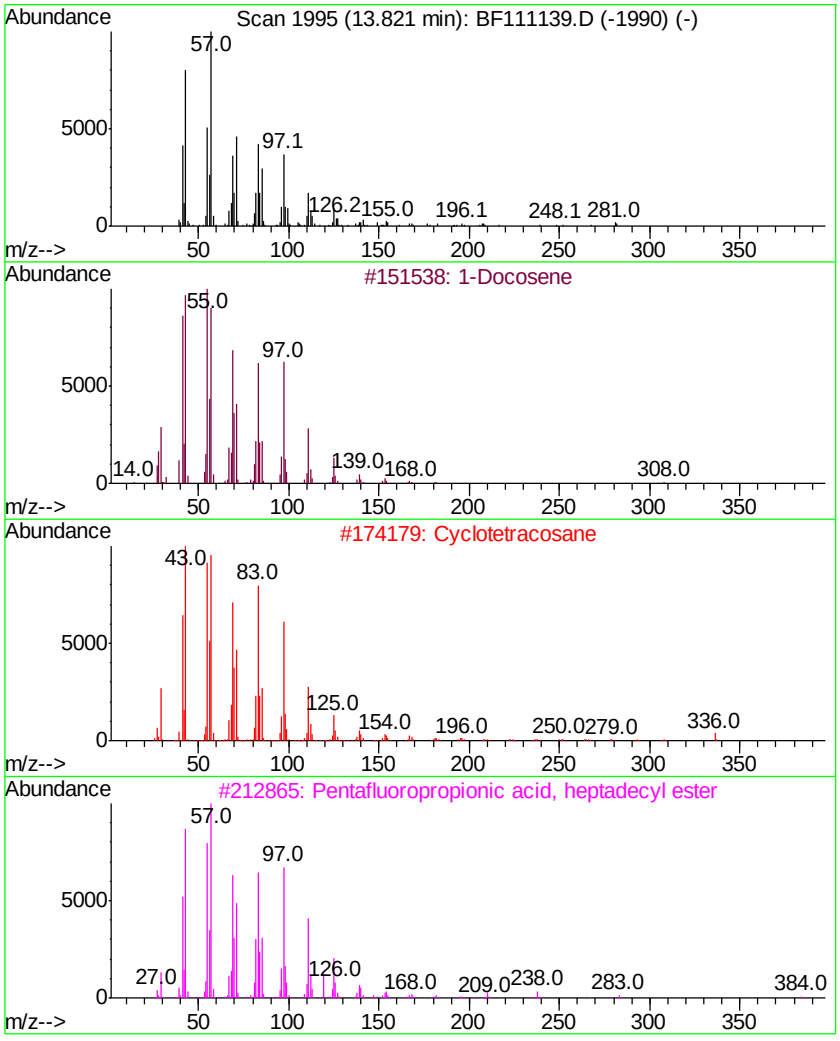
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

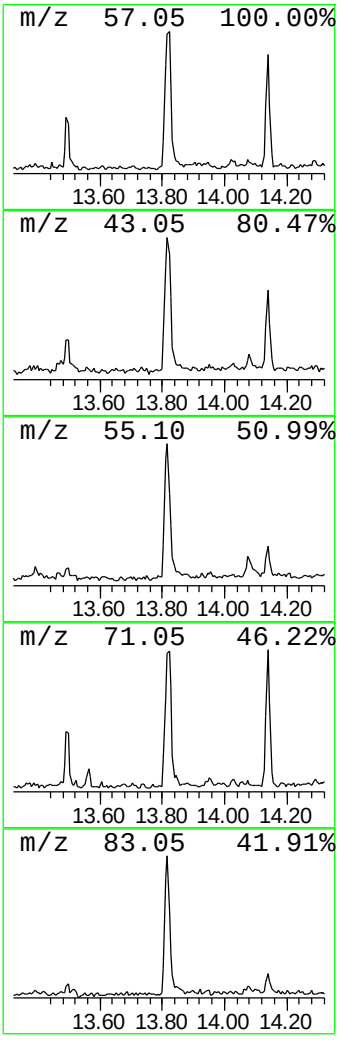
****

Peak Number 6 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.34 ng	730564	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





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Instrument : BNA_F
ClientSampleId : SB-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

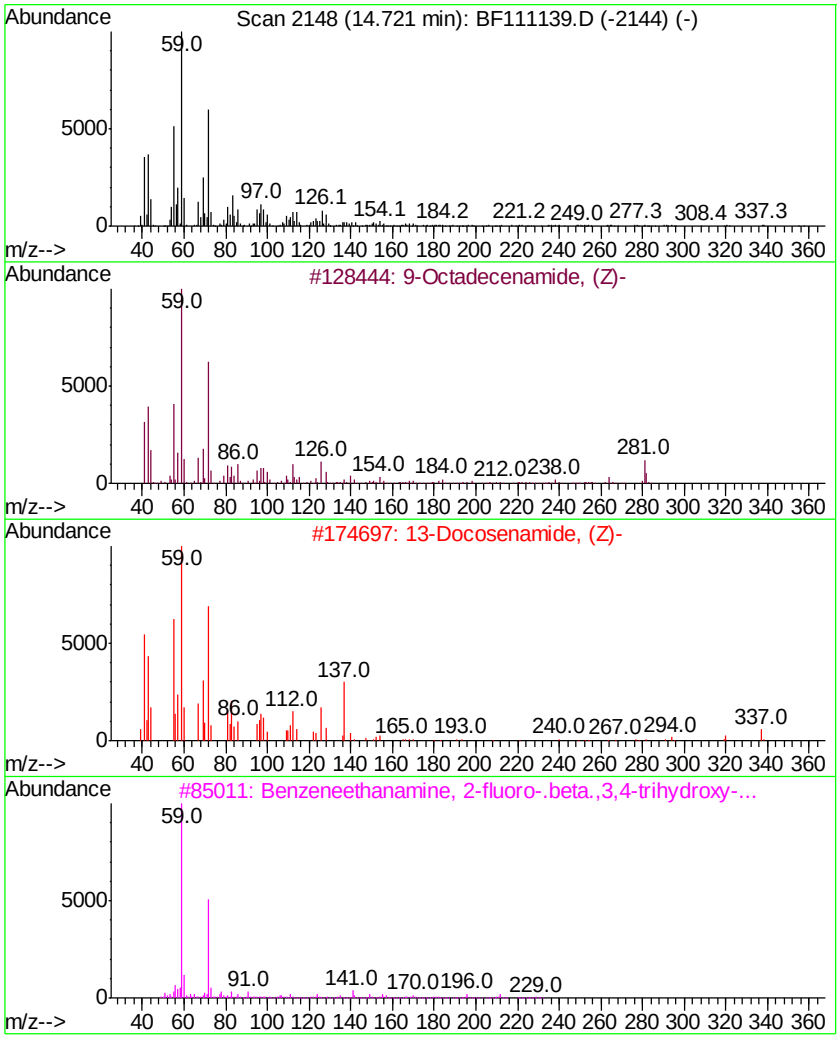
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

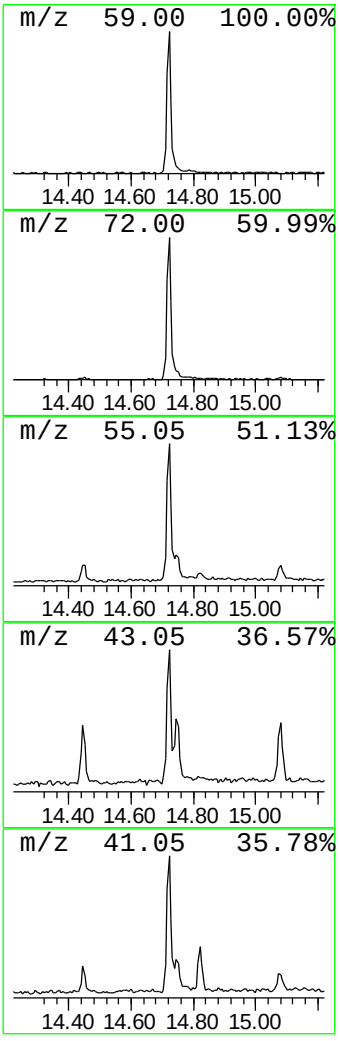
****

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	10.10 ng	1295730	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
4	Tetradecanamide	227	C14H29NO	000638-58-4	64
5	Hexadecanamide	255	C16H33NO	000629-54-9	59





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_F
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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
2-Pentanone, 4-hy...	5.00	3.8	ng	515222	1	6.80	2691590	20.0
unknown6.57	6.57	55.5	ng	7469270	1	6.80	2691590	20.0
n-Hexadecanoic acid	11.86	11.8	ng	2283130	4	11.32	3886880	20.0
Octadecanoic acid	12.65	7.3	ng	1232230	5	13.96	3364610	20.0
1-Docosene	13.82	4.3	ng	730564	5	13.96	3364610	20.0
9-Octadecenamide,...	14.72	10.1	ng	1295730	6	15.39	2564960	20.0