LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-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-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	4.898	474	478	489	rVB	47605	67224	3.31%	0.361%
2	5.328	547	551	567	rBV	1402633	1525425	75.09%	8.188%
3	6.351	721	725	742	rBV	1368033	1738885	85.60%	9.333%
4	6.475	742	746	766	rVB	1822470	1745728	85.94%	9.370%
5	6.698	781	784	794	rBV	441808	501912	24.71%	2.694%
6	6.769	794	796	802	rVB	21748	25387	1.25%	0.136%
7	6.822	802	805	807	rBV	45572	32024	1.58%	0.172%
8	6.857	807	811	821	rBV	1548114	1322684	65.11%	7.099%
9	7.263	876	880	893	rBV	1015515	1083742	53.35%	5.817%
10	7.980	998	1002	1018	rBV	695226	678533	33.40%	3.642%
11	9.057	1181	1185	1198	rBV	2212722	2031358	100.00%	10.903%
12	9.333	1229	1232	1240	rVB	47467	40170	1.98%	0.216%
13	9.451	1248	1252	1261	rBV	154241	142881	7.03%	0.767%
14	9.727	1296	1299	1317	rVB	759210	710172	34.96%	3.812%
15	10.516	1429	1433	1446	rBV	1015261	1020260	50.23%	5.476%
16	11.210	1547	1551	1562	rBV	620984	652815	32.14%	3.504%
17	11.427	1585	1588	1597	rBV2	21053	28578	1.41%	0.153%
18	11.745	1639	1642	1652	rBV3	152131	172584	8.50%	0.926%
19	12.415	1752	1756	1765	rBV	82712	99259	4.89%	0.533%
20	12.527	1770	1775	1784	rBV3	54817	83197	4.10%	0.447%
21	12.610	1786	1789	1791	rVV	68124	62292	3.07%	0.334%
22	12.639	1791	1794	1798	rVV	89339	98151	4.83%	0.527%
23	12.674	1798	1800	1812	rVV	77187	146168	7.20%	0.785%
24	12.786	1815	1819	1823	rVV	1545919	1452803	71.52%	7.798%
25	12.815	1823	1824	1828	rVB	60344	47687	2.35%	0.256%
26	13.074	1864	1868	1875	rVB3	16755	25802	1.27%	0.138%
27	13.268	1896	1901	1908	rBV	215156	255946	12.60%	1.374%
28	13.333	1909	1912	1916	rBV2	18643	23783	1.17%	0.128%
29	13.480	1934	1937	1944	rVB	20404	24564	1.21%	0.132%
30	13.692	1969	1973	1982	rVB3	101779	153828	7.57%	0.826%
31	13.833	1992	1997	2001	rBV	576570	642830	31.65%	3.450%
32	14.009	2024	2027	2032	rVB	60178	58291	2.87%	0.313%
33	14.315	2075	2079	2082	rBV	91780	80792	3.98%	0.434%
34	14.604	2125	2128	2132	rBV	122808	131976	6.50%	0.708%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.839	2164	2168	2176	rBV	90812	167648	8.25%	0.900%
36	14.915	2177	2181	2185	rBV	156638	179350	8.83%	0.963%
37	15.121	2212	2216	2222	rBV	51895	72071	3.55%	0.387%
38	15.180	2222	2226	2231	rVB	44031	63730	3.14%	0.342%
39	15.233	2231	2235	2239	rBV	408662	556691	27.40%	2.988%
40	15.268	2239	2241	2248	rVB	191638	210126	10.34%	1.128%
41	15.668	2303	2309	2314	rBV	158271	227510	11.20%	1.221%
42	16.127	2381	2387	2398	rVB2	94430	173489	8.54%	0.931%
43	16.662	2473	2478	2485	rVB2	41404	72347	3.56%	0.388%

Sum of corrected areas: 18630693

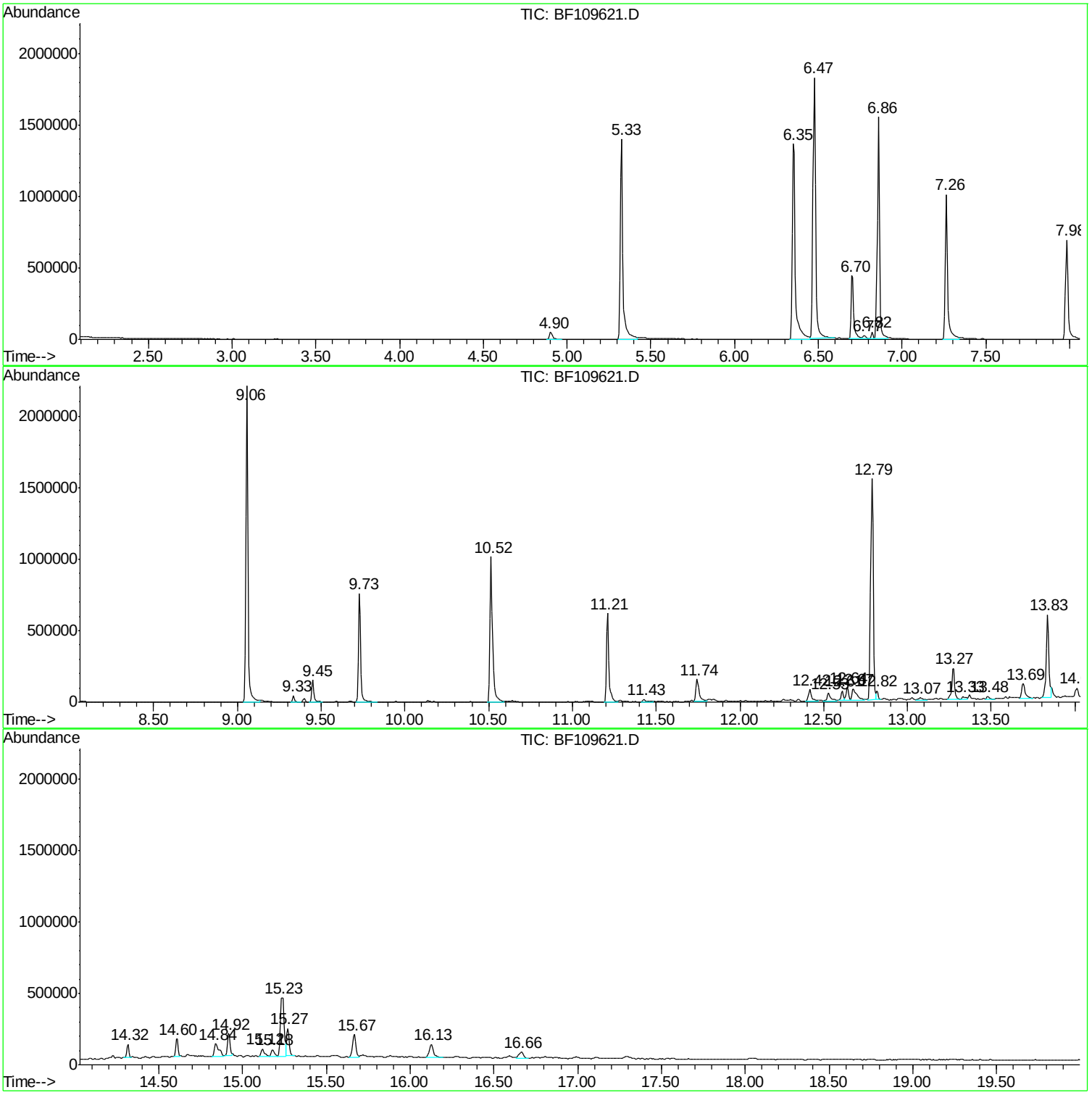
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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

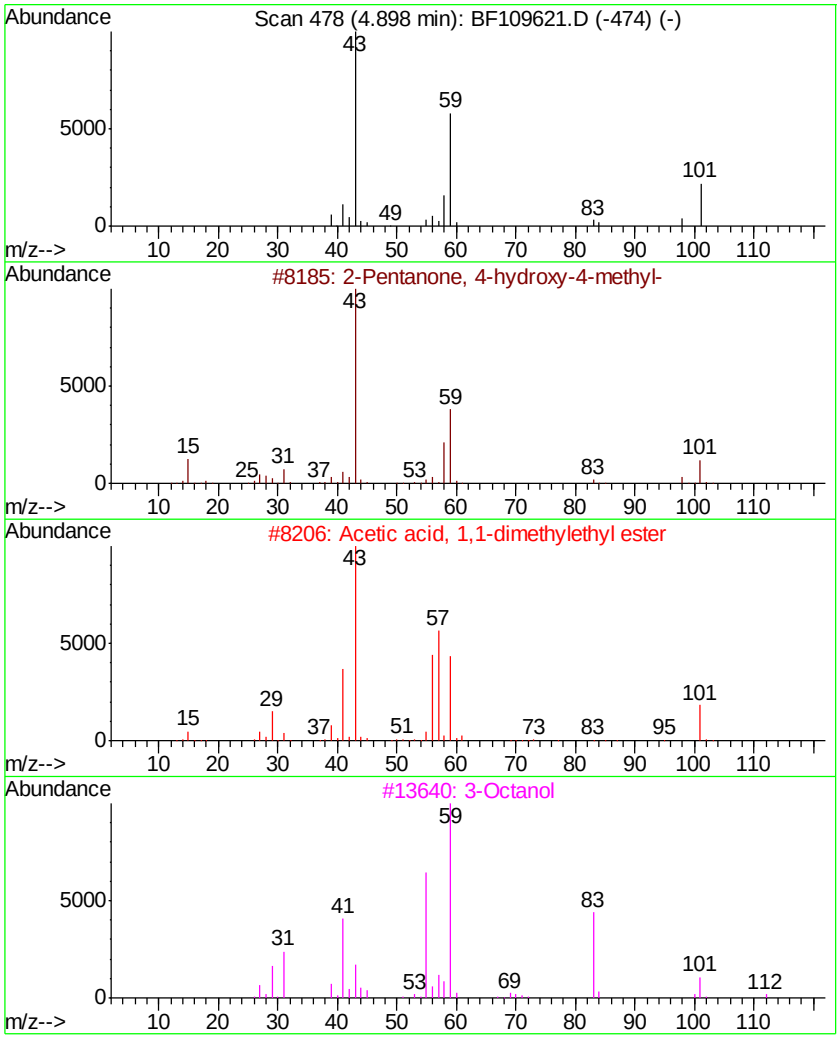
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

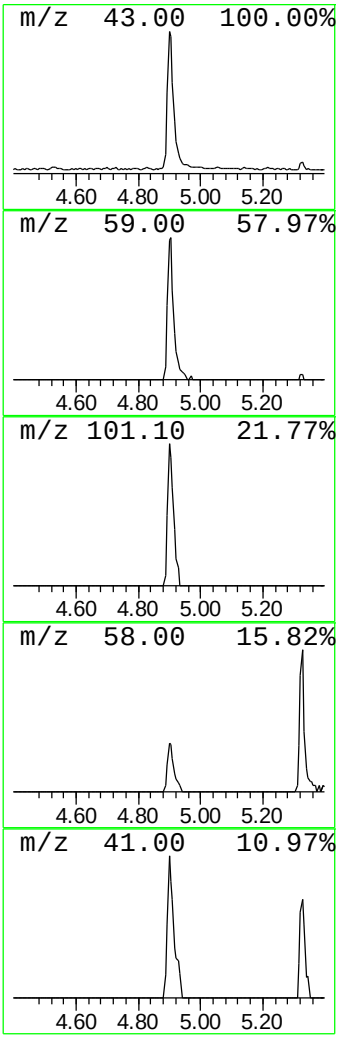
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.68 ng	67224	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Octanol	130	C8H18O	000589-98-0	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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

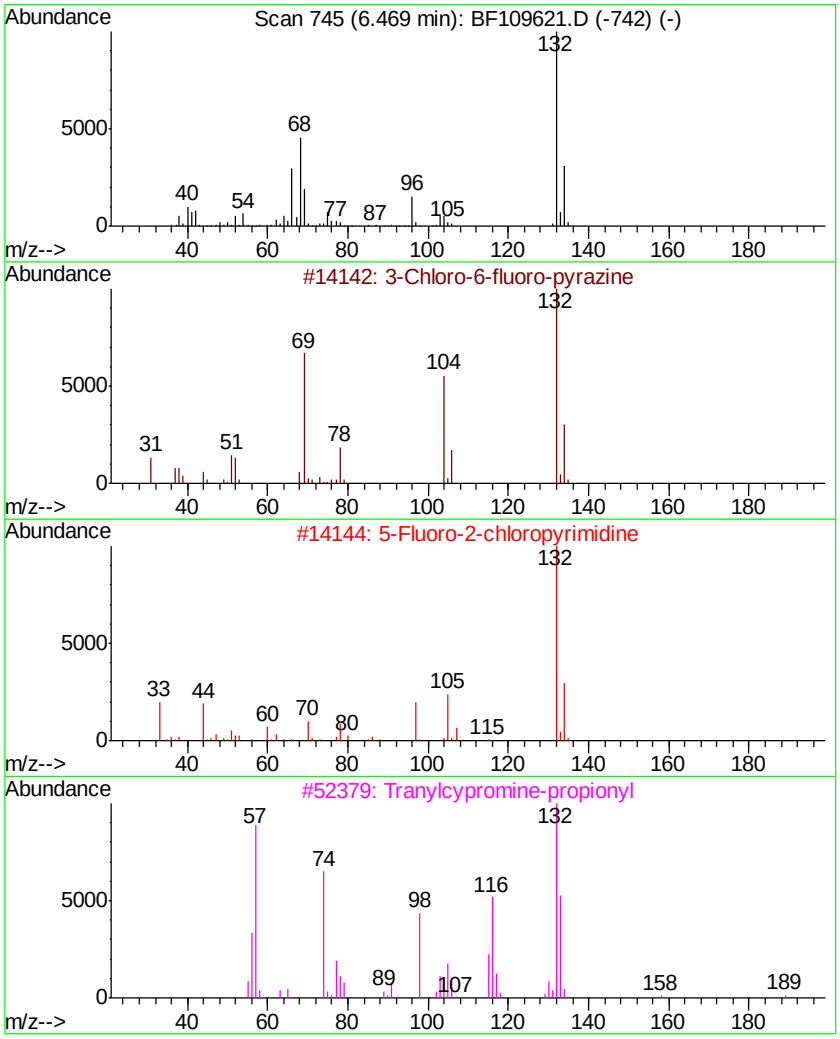
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

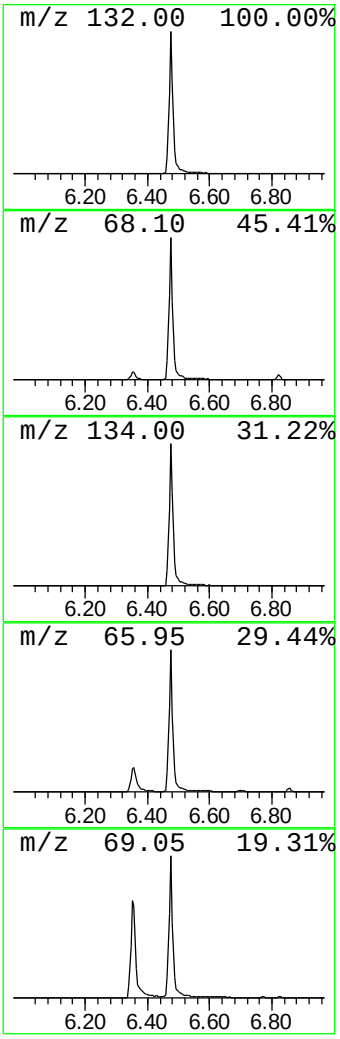
****

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	69.56 ng	1745730	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	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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

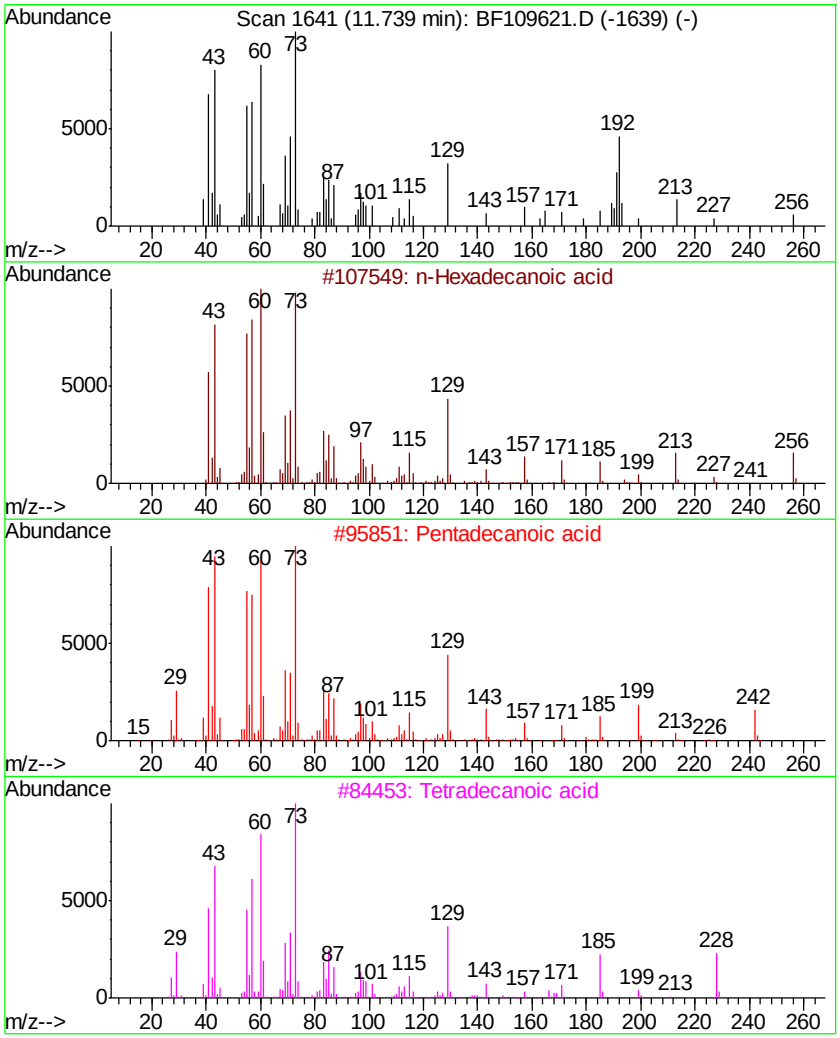
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

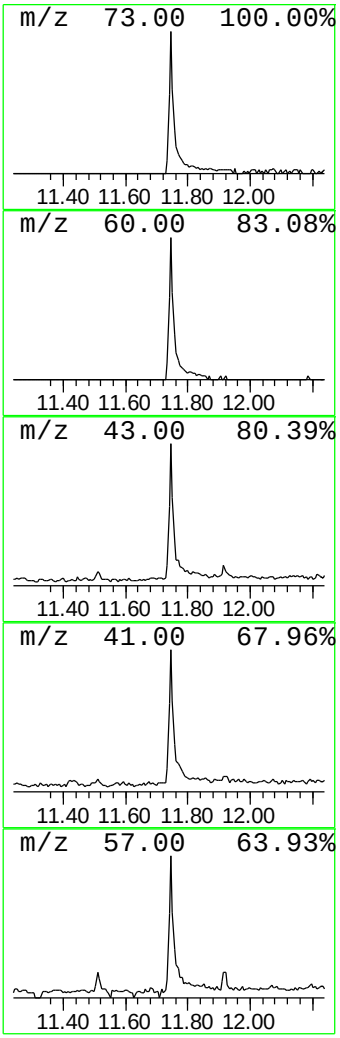
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	5.29 ng	172584	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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

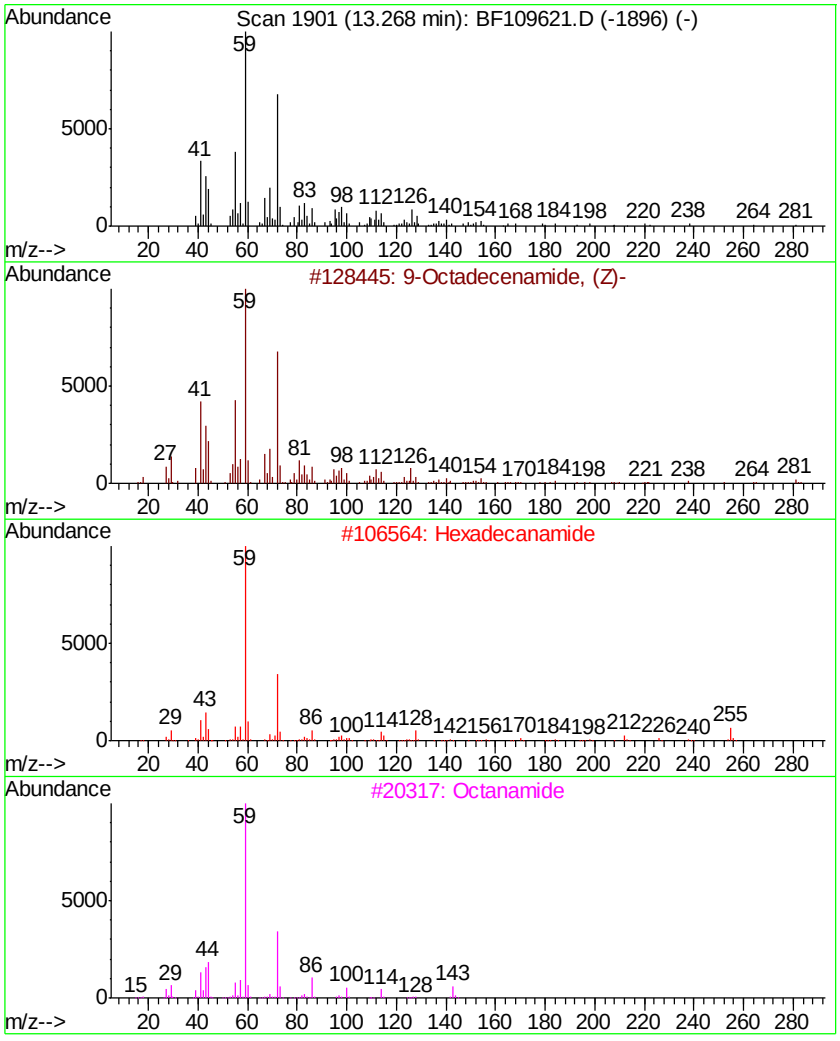
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

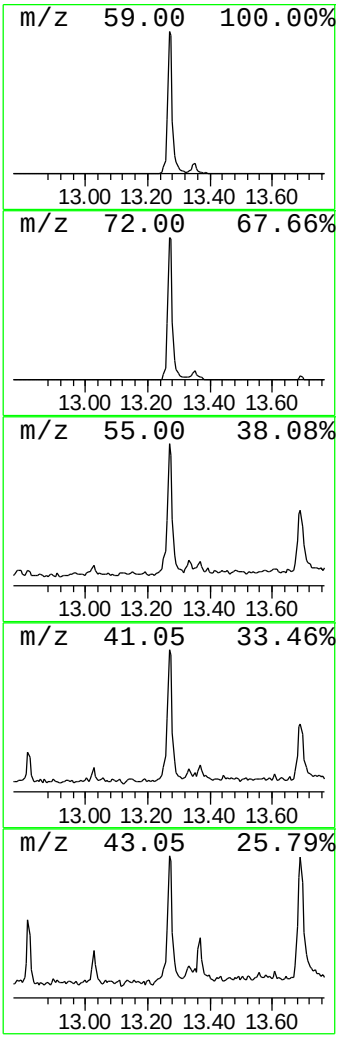
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	7.96 ng	255946	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	Hexadecanamide	255	C16H33NO	000629-54-9	72
3	Octanamide	143	C8H17NO	000629-01-6	64
4	Dodecanamide	199	C12H25NO	001120-16-7	59
5	Tetradecanamide	227	C14H29NO	000638-58-4	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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

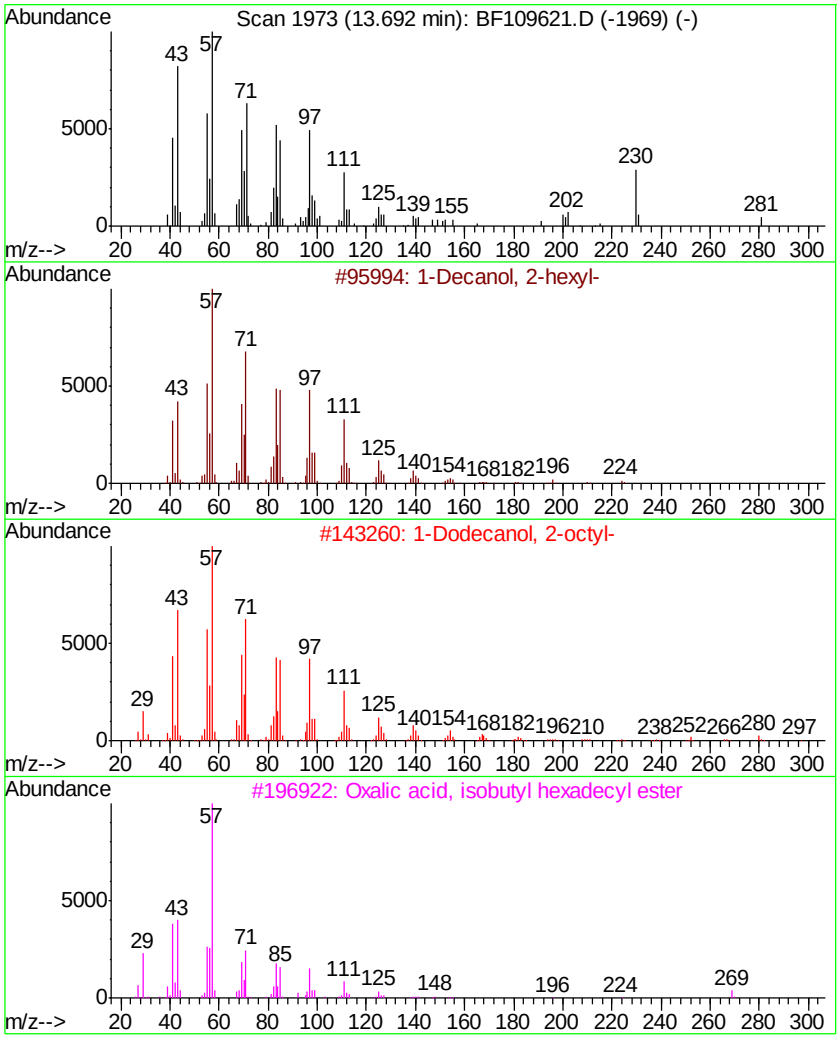
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

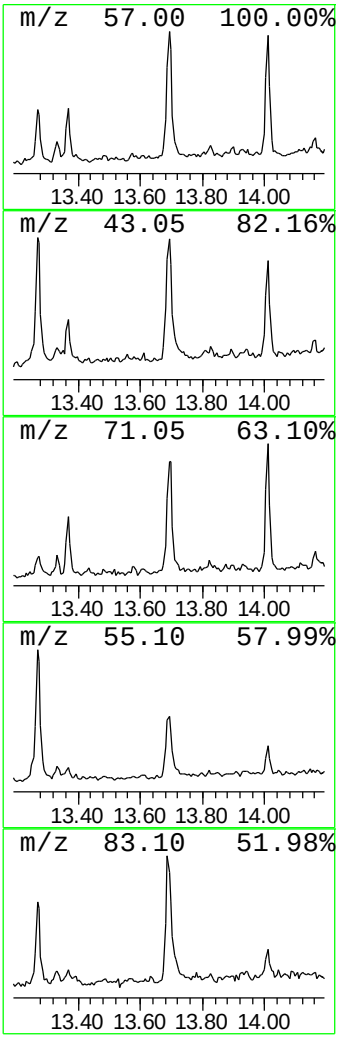
****

Peak Number 7 1-Decanol, 2-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	4.79 ng	153828	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	83
5	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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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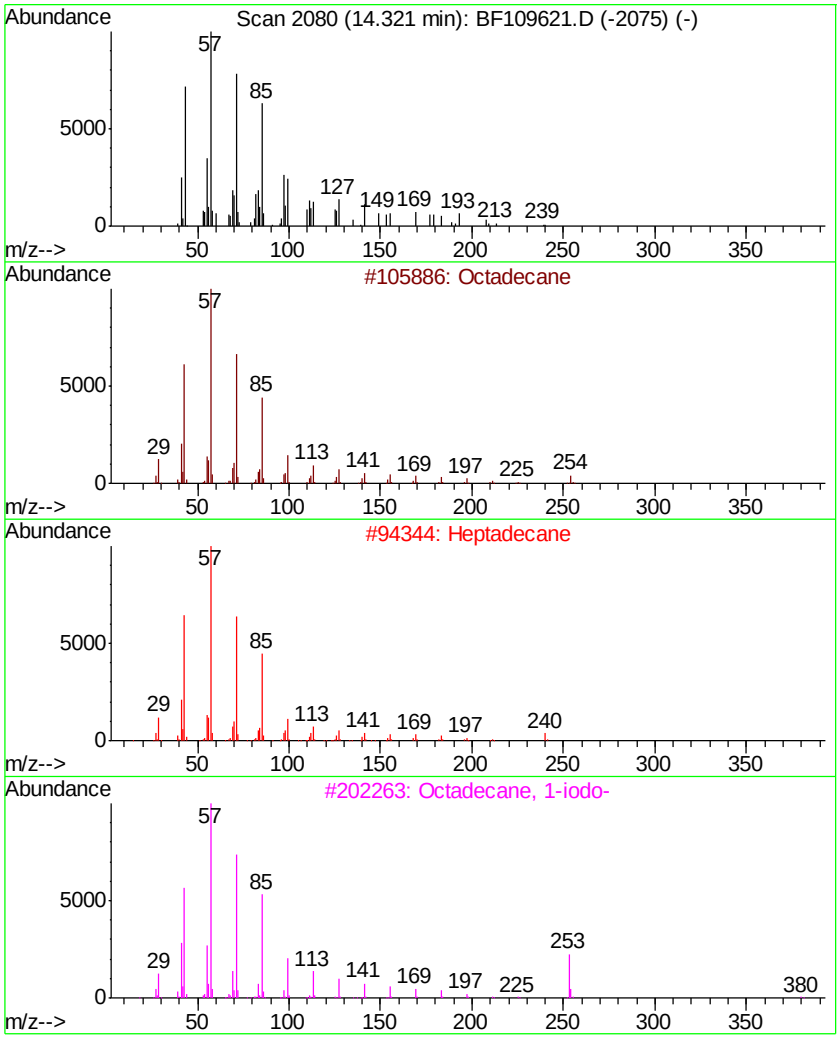
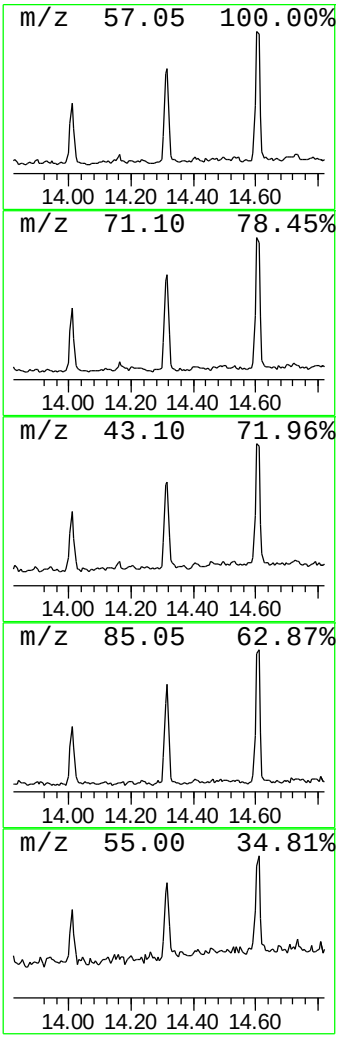
Peak Number 8 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.51 ng	80792	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Heptadecane	240	C17H36	000629-78-7	93
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
4	Triacontane	422	C30H62	000638-68-6	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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

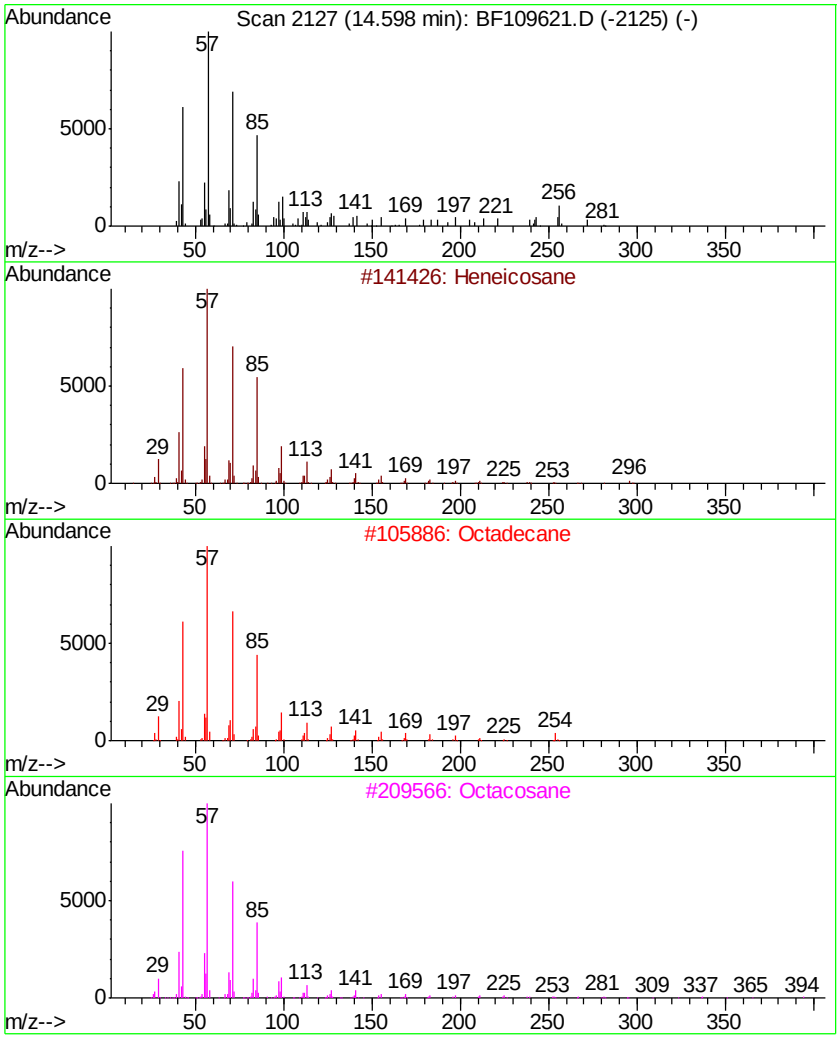
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

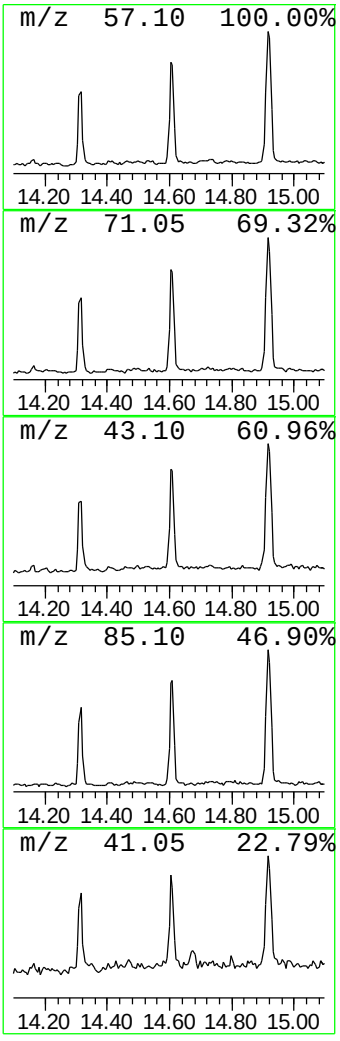
****

Peak Number 9 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	4.74 ng	131976	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	87
3	Octacosane	394	C28H58	000630-02-4	86
4	Heptadecane	240	C17H36	000629-78-7	80
5	Hexacosane	366	C26H54	000630-01-3	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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

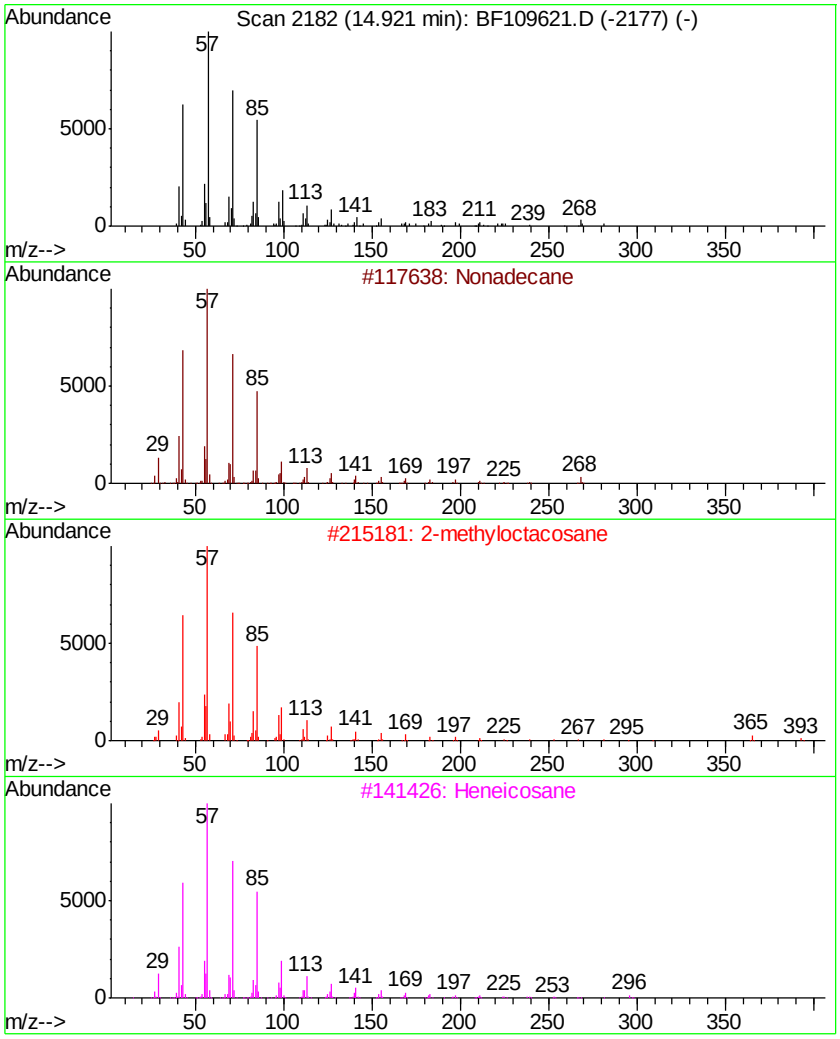
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

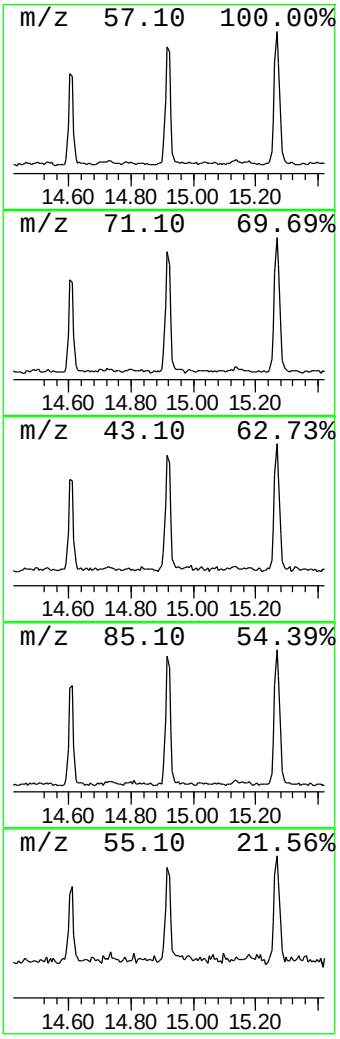
****

Peak Number 10 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	6.44 ng	179350	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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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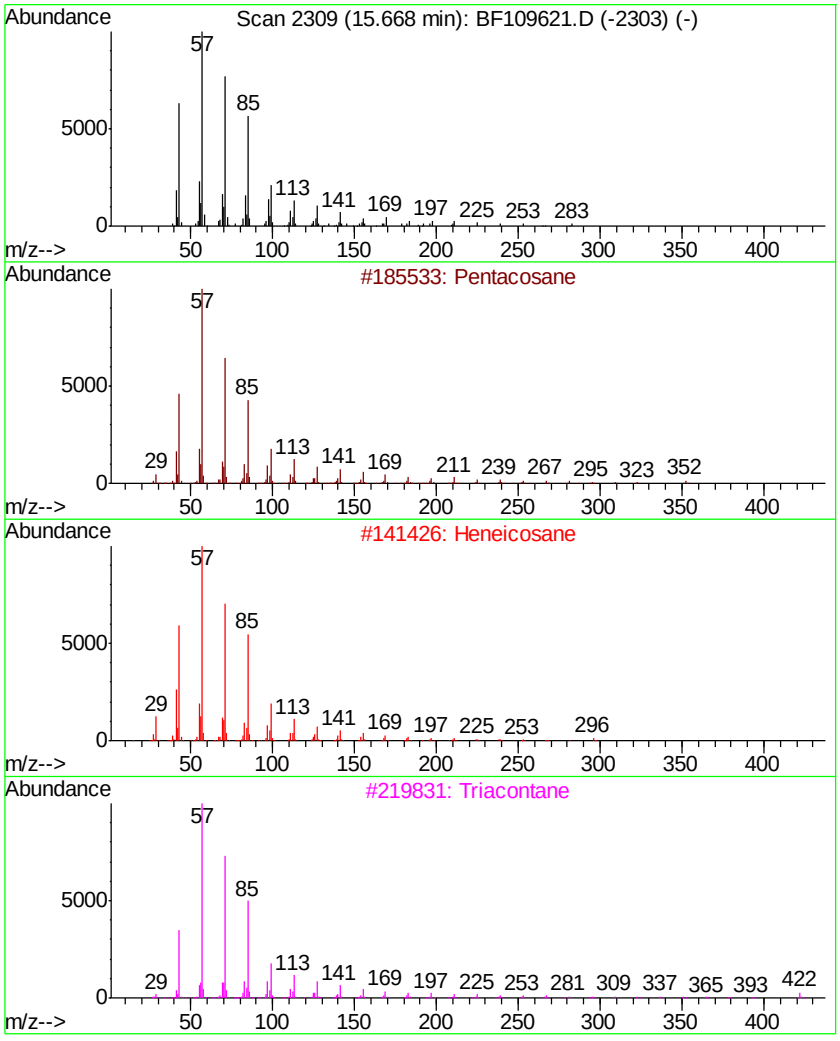
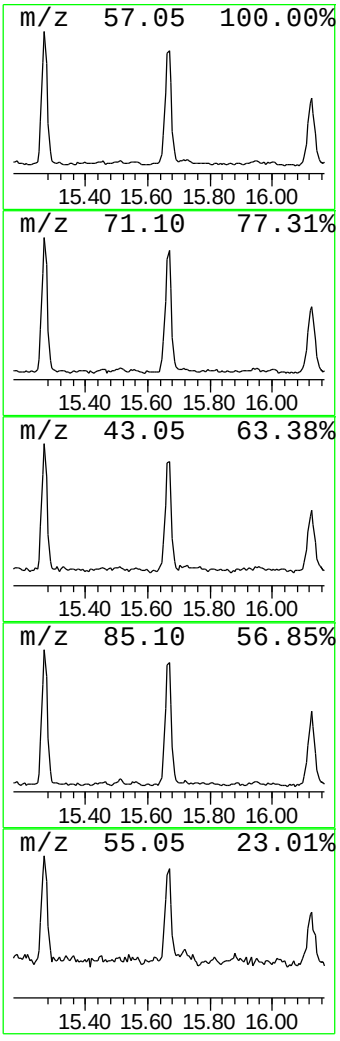
Peak Number 12 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	8.17 ng	227510	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91





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Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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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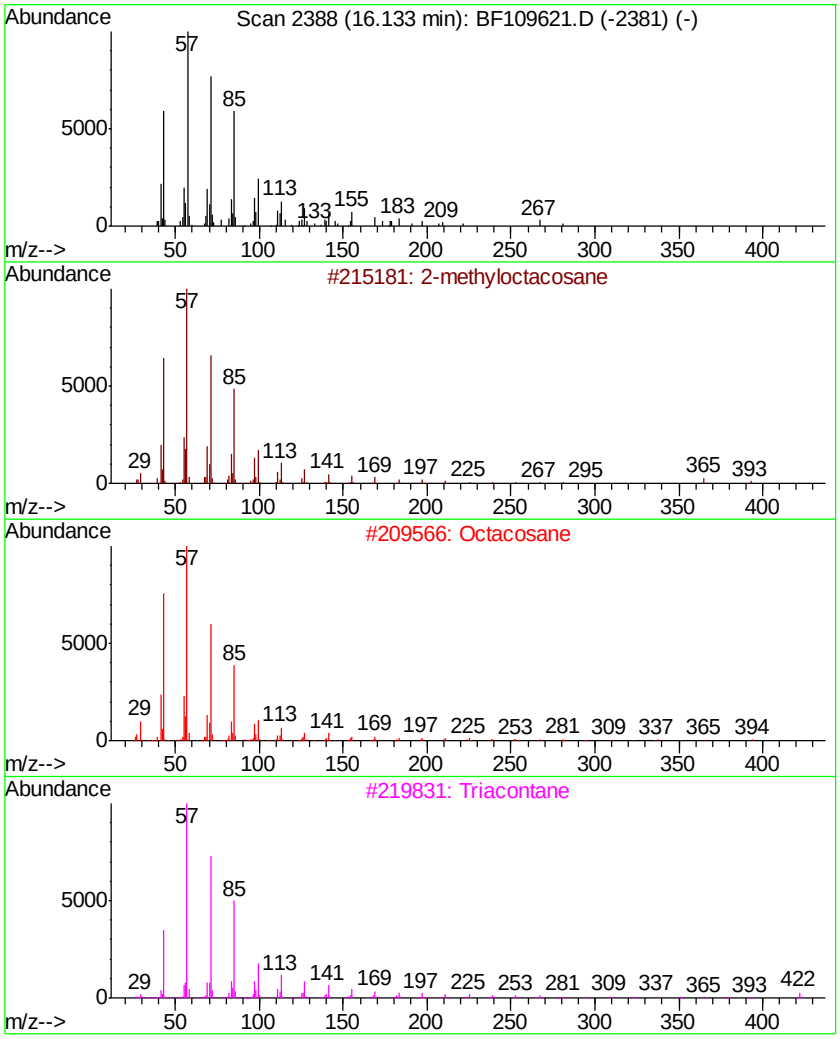
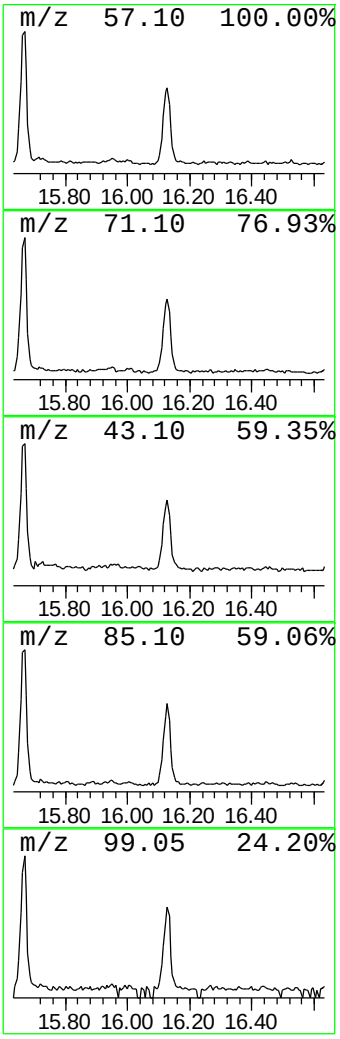
Peak Number 13 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	6.23 ng	173489	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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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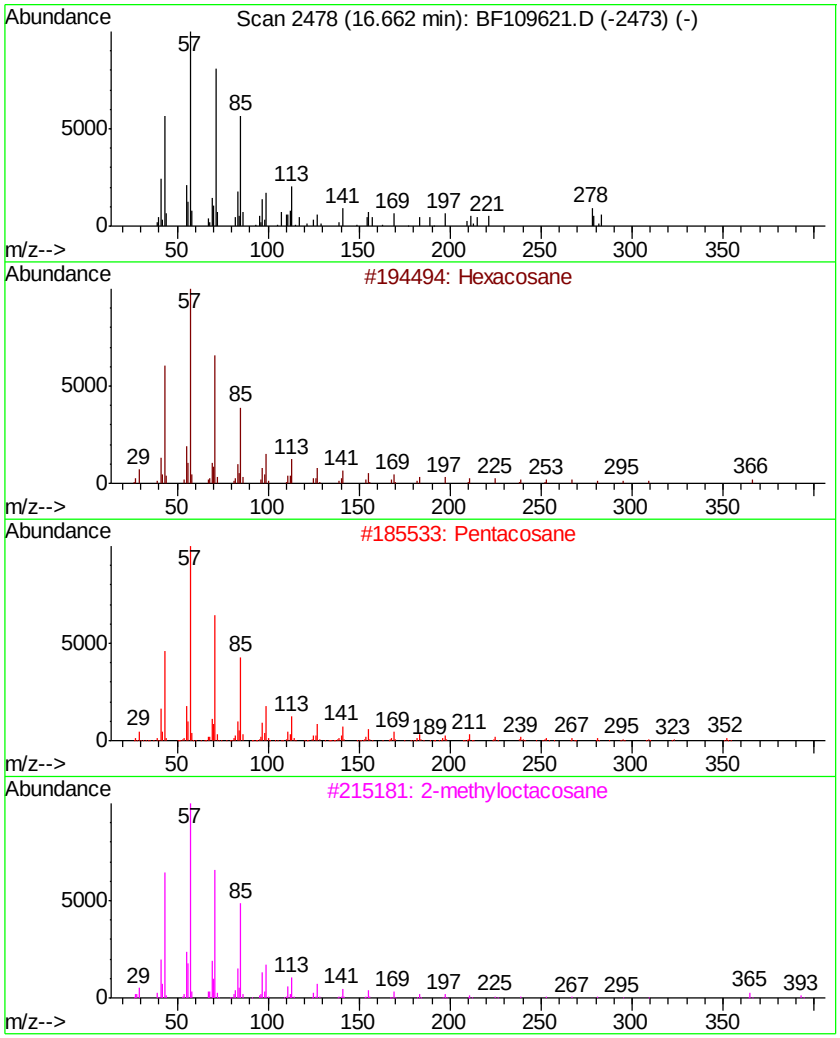
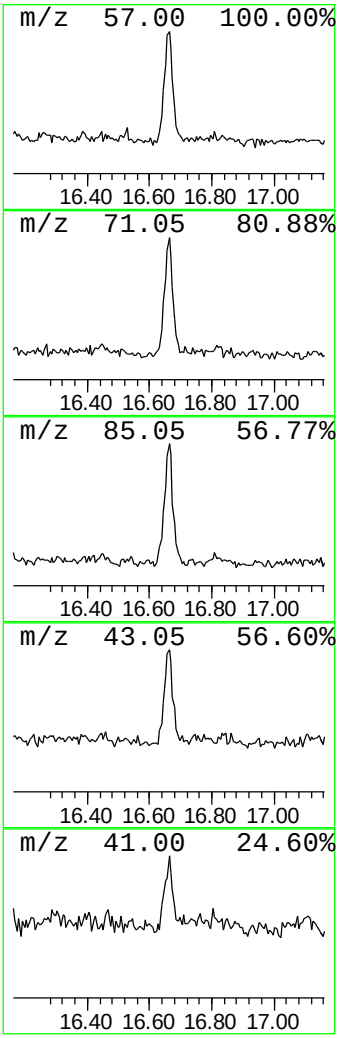
Peak Number 14 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	2.60 ng	72347	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	74
2	Pentacosane	352	C25H52	000629-99-2	72
3	2-methyloctacosane	408	C29H60	1000376-72-8	72
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	58
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	2.7	ng	67224	1	6.70	501912	20.0
unknown6.47	6.47	69.6	ng	1745730	1	6.70	501912	20.0
n-Hexadecanoic acid	11.74	5.3	ng	172584	4	11.21	652815	20.0
9-Octadecenamide,...	13.27	8.0	ng	255946	5	13.83	642830	20.0
1-Decanol, 2-hexyl-	13.69	4.8	ng	153828	5	13.83	642830	20.0
Octadecane	14.32	2.5	ng	80792	5	13.83	642830	20.0
Heneicosane	14.60	4.7	ng	131976	6	15.24	556691	20.0
Nonadecane	14.92	6.4	ng	179350	6	15.24	556691	20.0
Pentacosane	15.67	8.2	ng	227510	6	15.24	556691	20.0
2-methyloctacosane	16.13	6.2	ng	173489	6	15.24	556691	20.0
Hexacosane	16.66	2.6	ng	72347	6	15.24	556691	20.0