LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-025-A

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-BF090518.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	4.937	438	442	449	rBV	115279	147936	3.90%	0.437%
2	5.354	508	513	516	rBV	3802908	3637230	95.93%	10.744%
3	6.378	681	687	690	rBV	3821750	3791576	100.00%	11.200%
4	6.507	705	709	713	rBV	3784043	3758421	99.13%	11.102%
5	6.572	718	720	726	rVB	68667	57406	1.51%	0.170%
6	6.742	745	749	752	rBV	1284820	1048850	27.66%	3.098%
7	6.895	771	775	779	rBV	3083481	2928254	77.23%	8.650%
8	7.301	839	844	847	rBV	2488131	2303566	60.75%	6.805%
9	8.019	963	966	970	rBV	1444350	1233721	32.54%	3.644%
10	9.095	1145	1149	1152	rBV	4170803	3669350	96.78%	10.839%
11	9.219	1167	1170	1174	rVB	253137	215438	5.68%	0.636%
12	9.489	1212	1216	1219	rBV	978879	761605	20.09%	2.250%
13	9.772	1260	1264	1268	rBV	1425926	1164541	30.71%	3.440%
14	10.360	1361	1364	1373	rVB	103579	90707	2.39%	0.268%
15	10.554	1393	1397	1413	rBV	2199037	1904103	50.22%	5.625%
16	11.248	1511	1515	1518	rBV	1301864	1035241	27.30%	3.058%
17	11.783	1603	1606	1616	rBV2	102808	118148	3.12%	0.349%
18	12.830	1780	1784	1787	rBV	3528770	3098941	81.73%	9.154%
19	13.736	1934	1938	1949	rBV	322742	429075	11.32%	1.267%
20	13.871	1957	1961	1965	rBV	1284397	1260191	33.24%	3.723%
21	14.365	2042	2045	2049	rBV3	68845	82101	2.17%	0.243%
22	14.659	2092	2095	2099	rVB	93524	86812	2.29%	0.256%
23	14.977	2147	2149	2153	rVB	93573	93780	2.47%	0.277%
24	15.283	2197	2201	2205	rBV	750959	814077	21.47%	2.405%
25	15.336	2207	2210	2215	rVB	103389	121864	3.21%	0.360%

Sum of corrected areas: 33852934

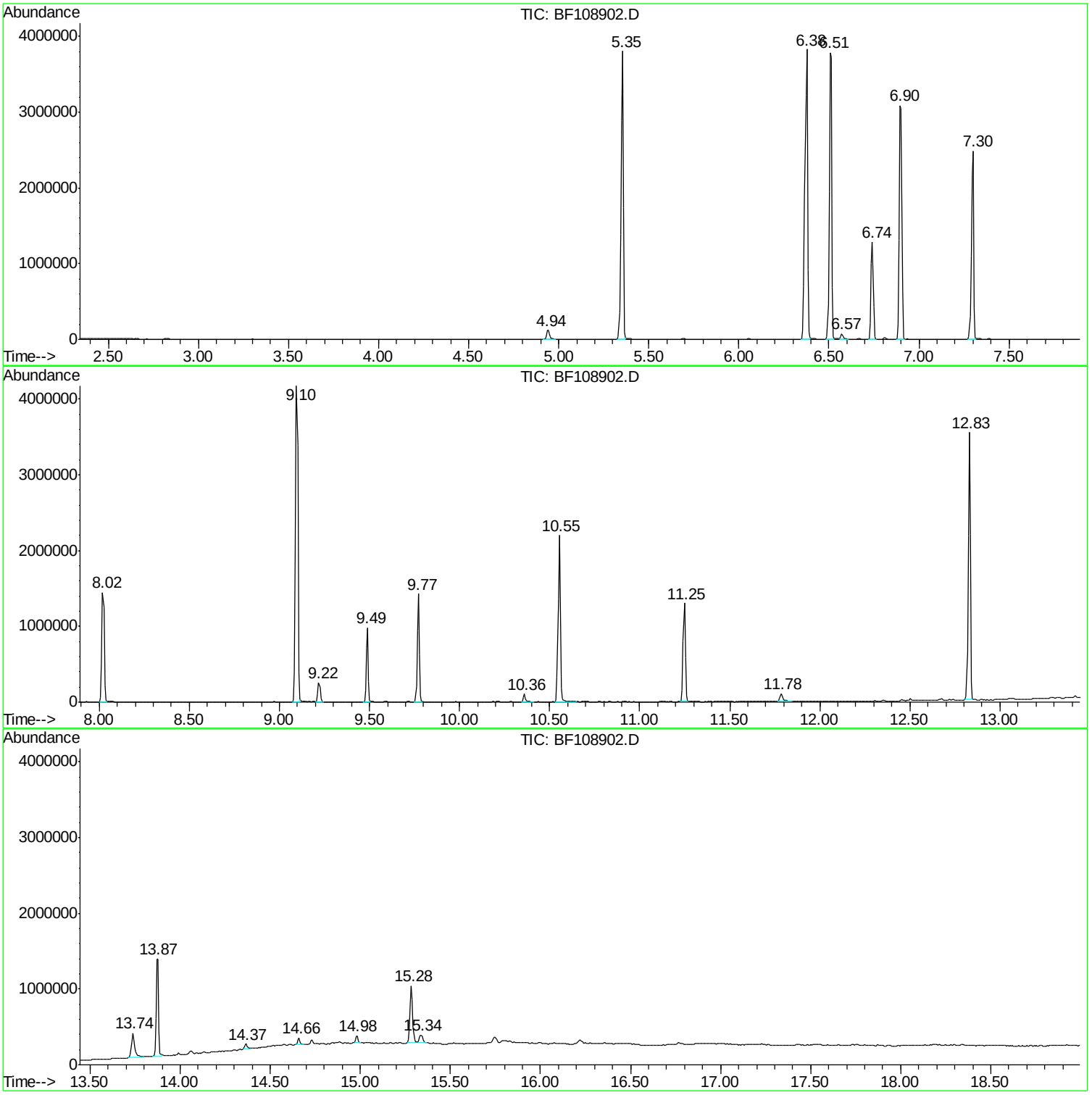
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-025-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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\BF091018\
Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-025-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

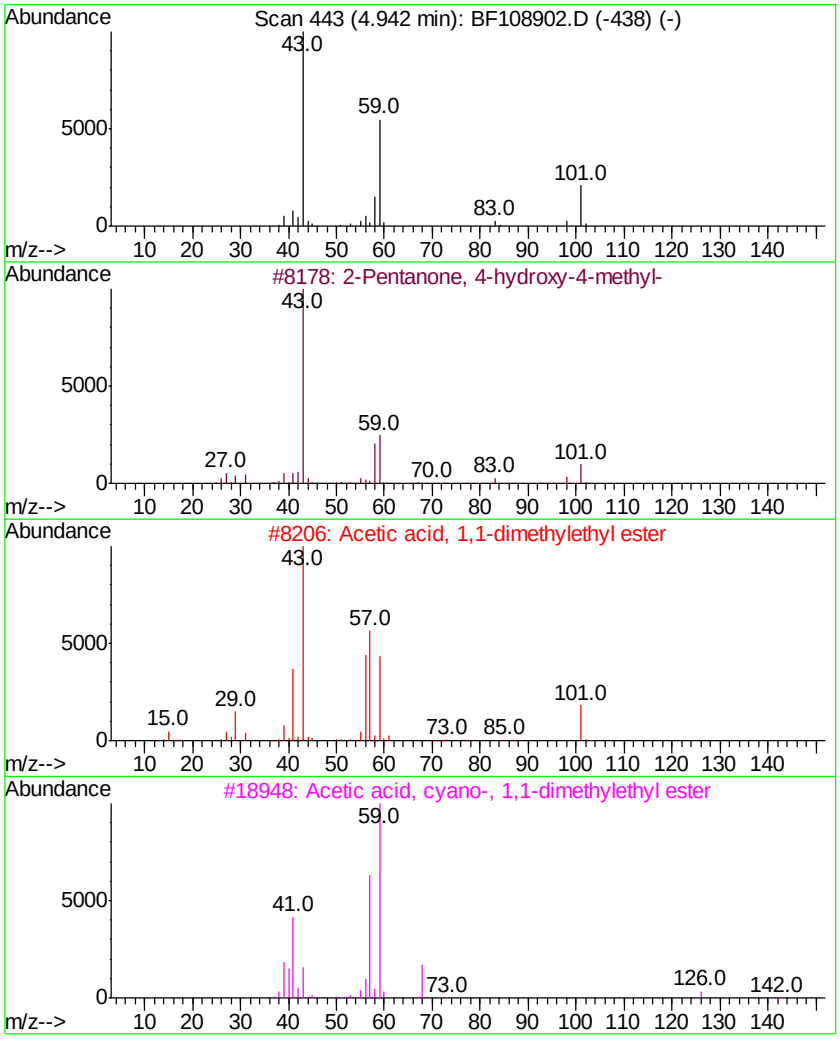
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

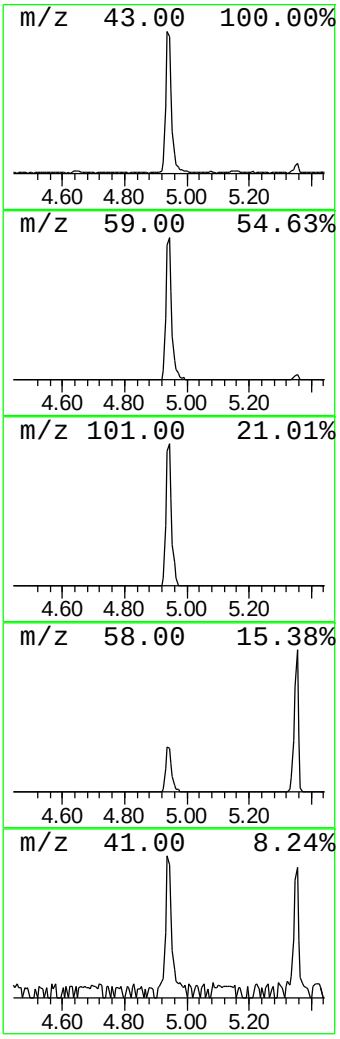
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	2.82 ng	147936	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-025-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

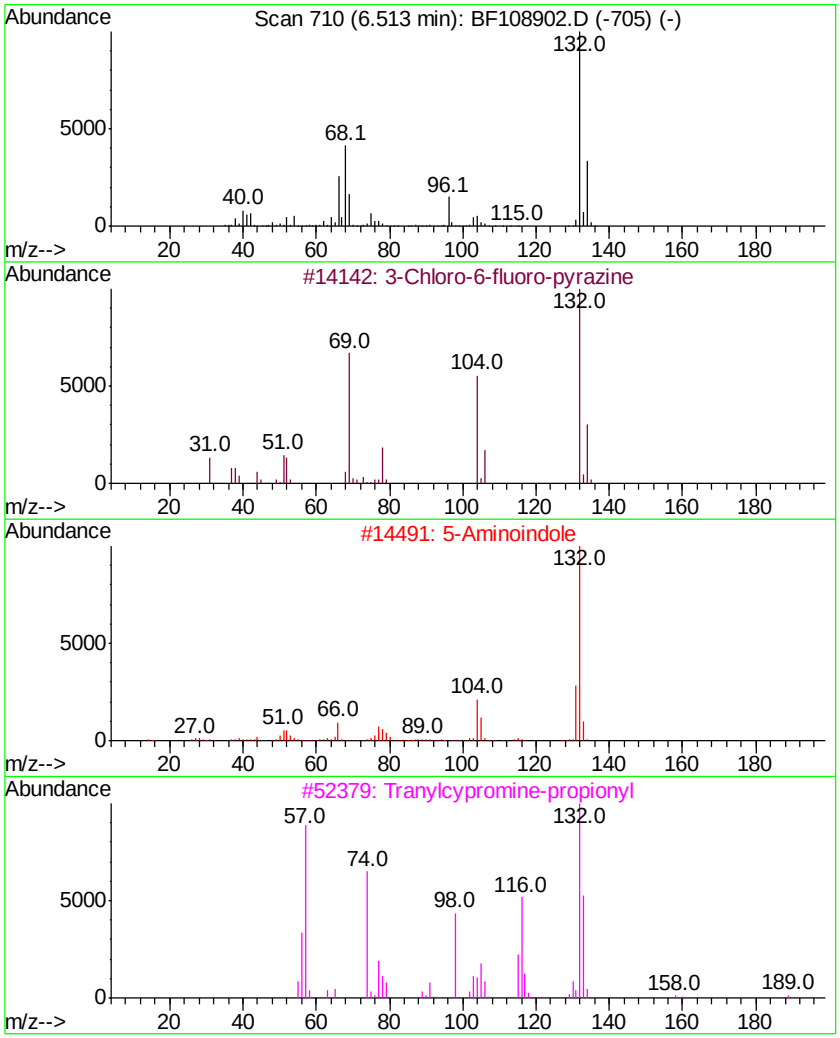
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

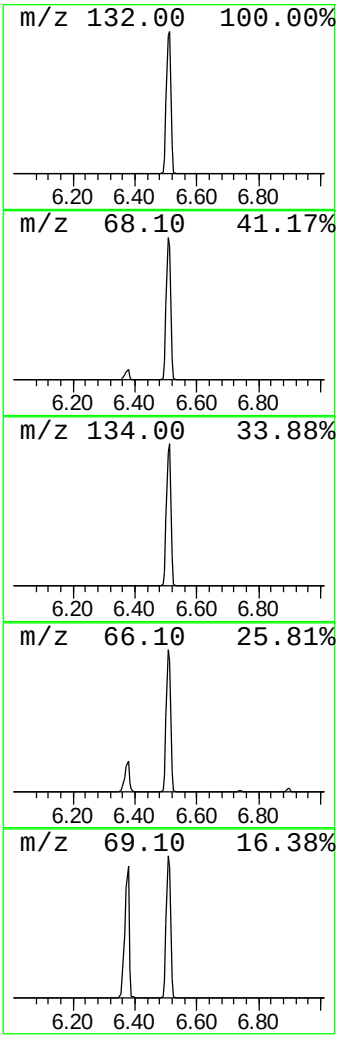
****

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	71.67 ng	3758420	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-025-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

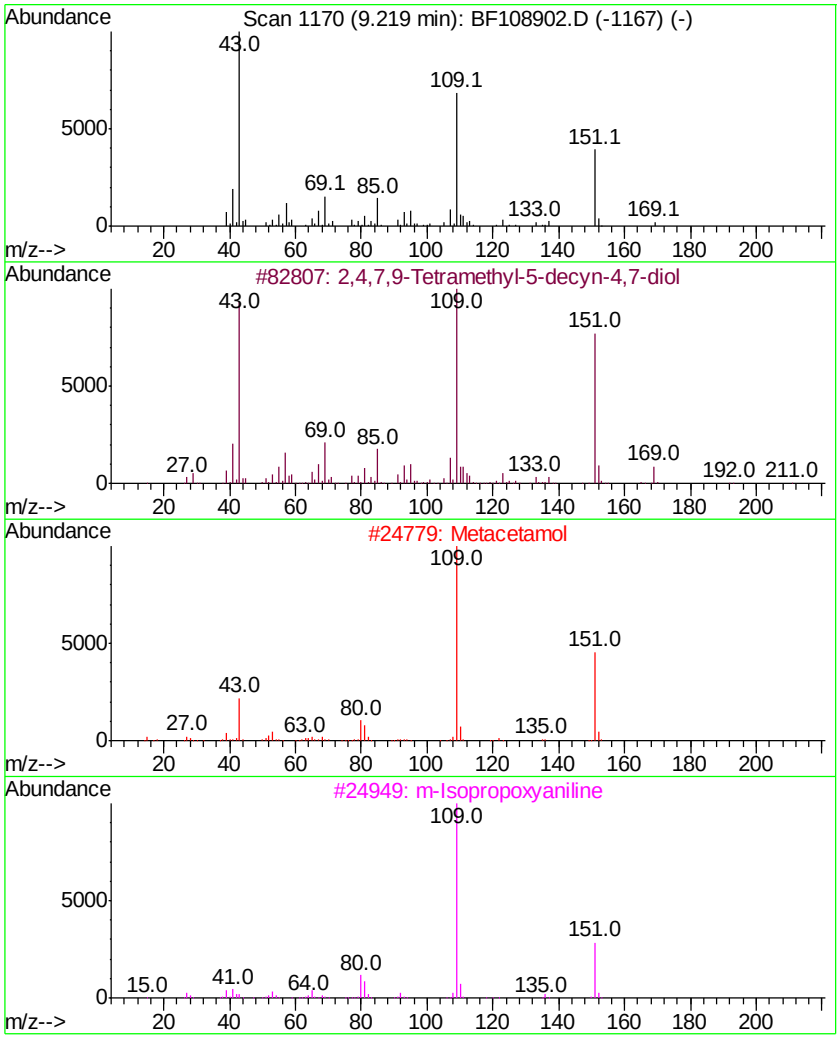
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

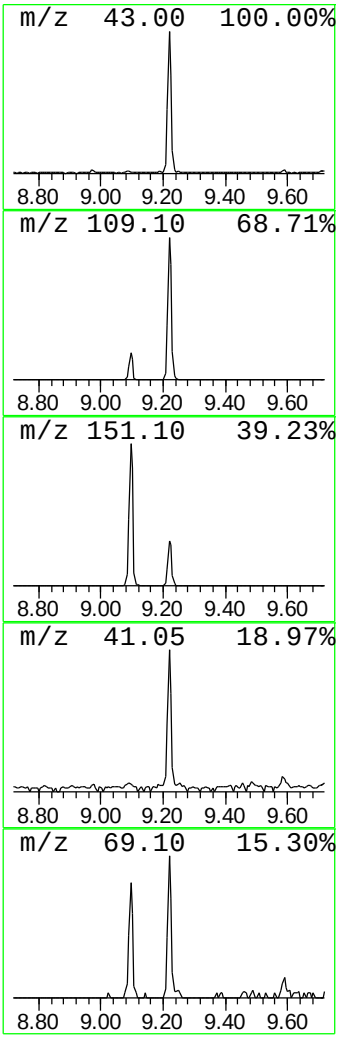
****

Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	3.70 ng	215438	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	86
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
4	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	42
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-025-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

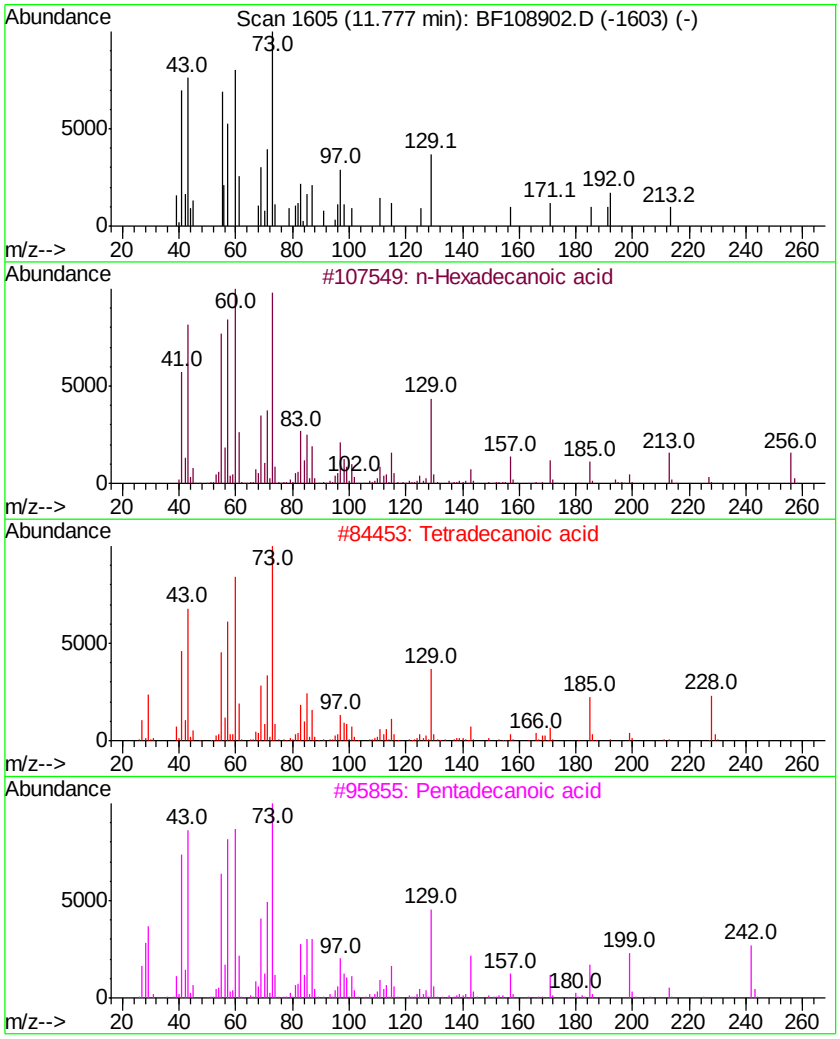
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

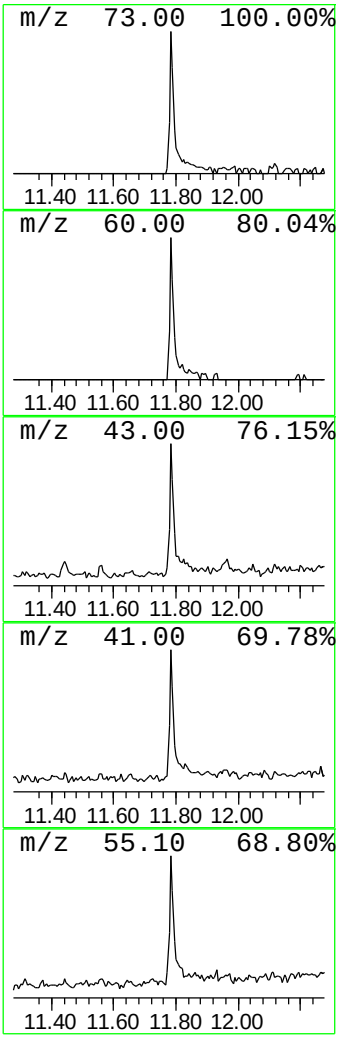
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.28 ng	118148	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-025-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

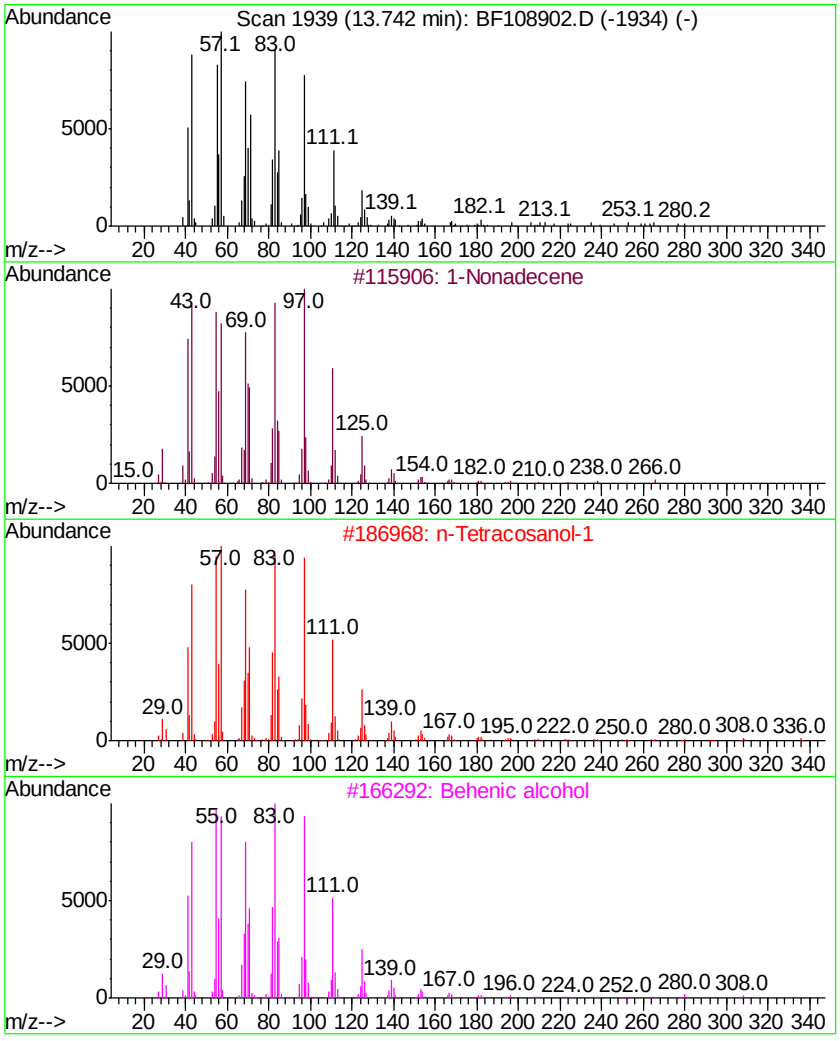
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

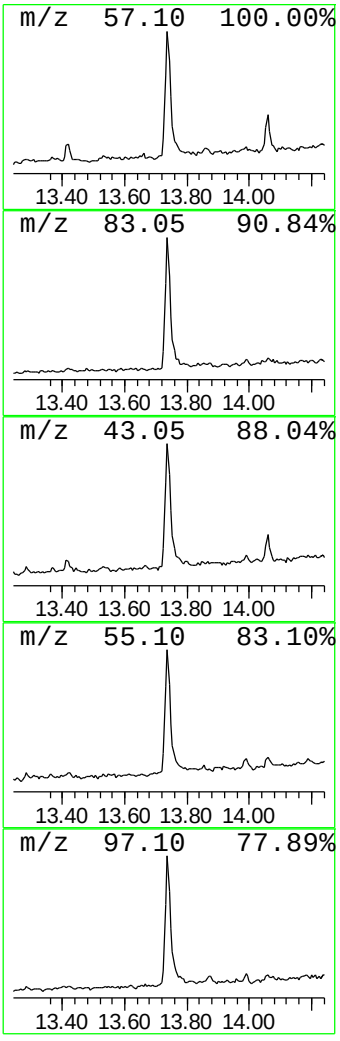
****

Peak Number 6 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	6.81 ng	429075	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-025-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

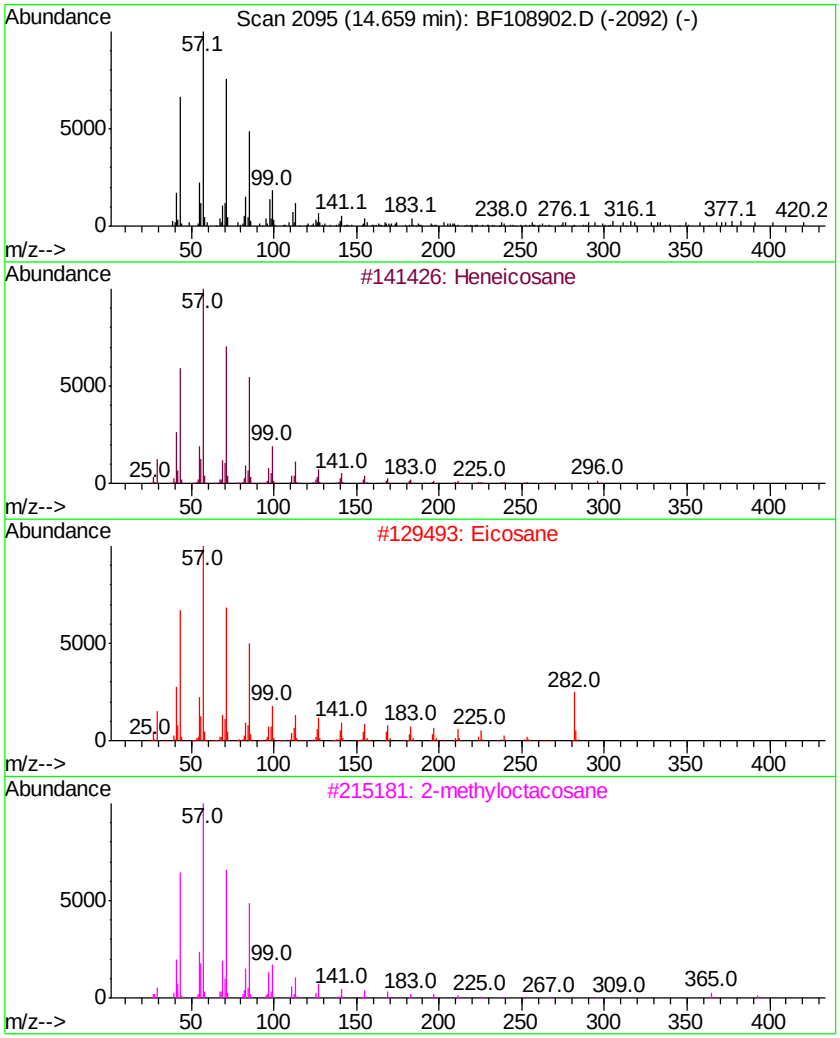
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

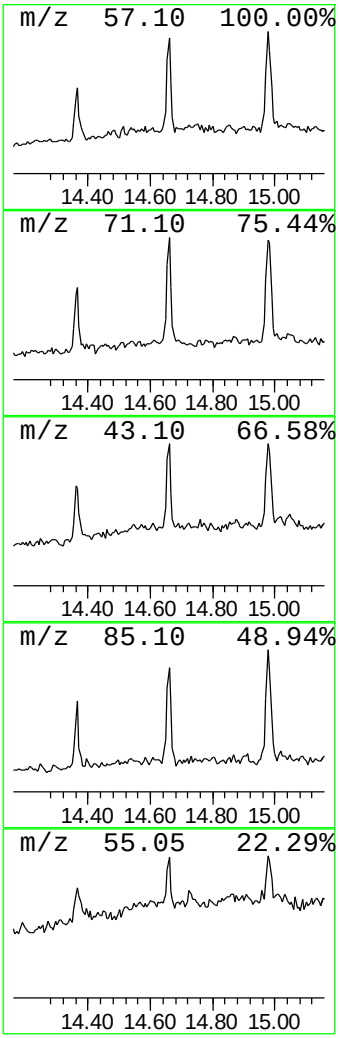
****

Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.13 ng	86812	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane	282	C20H42	000112-95-8	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-025-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

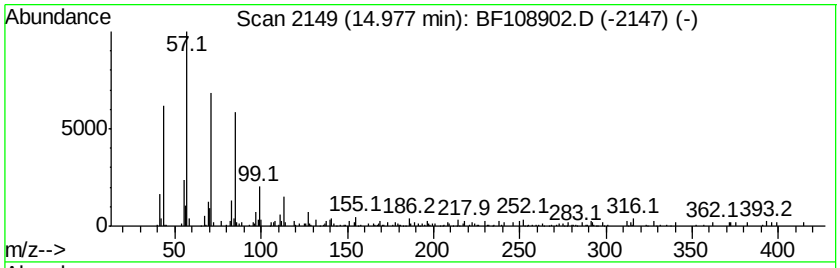
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

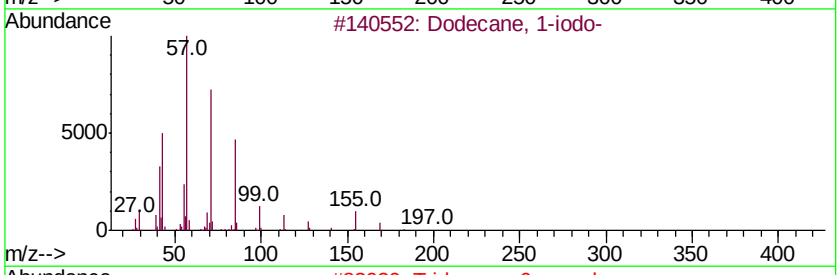
****

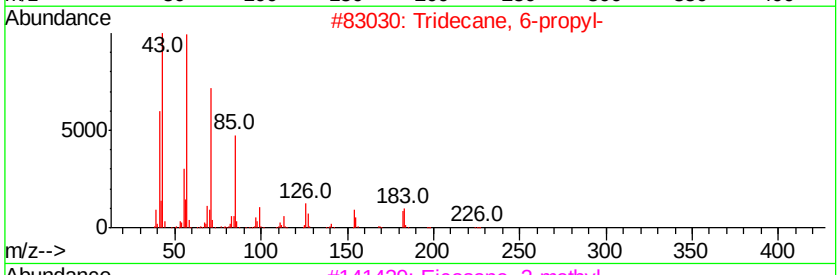
Peak Number 8 Dodecane, 1-iodo- Concentration Rank 7

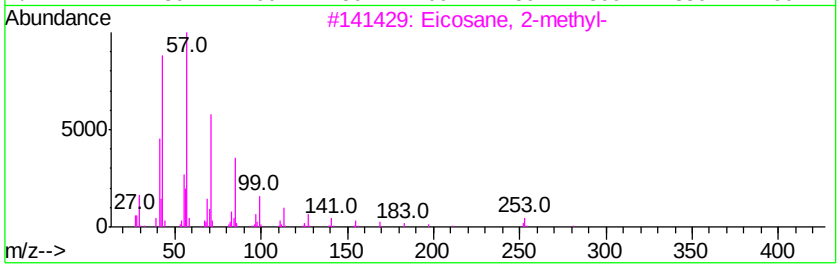
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.30 ng	93780	Perylene-d12	15.28

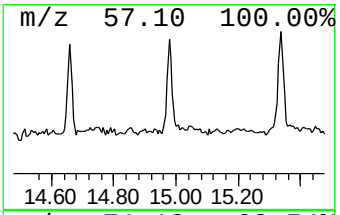
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	64
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	58

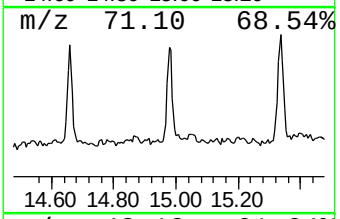


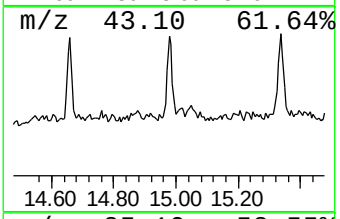


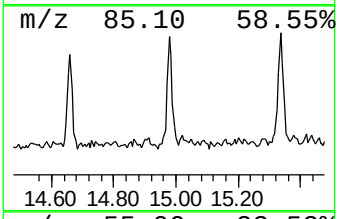


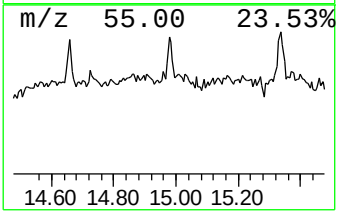












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-025-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

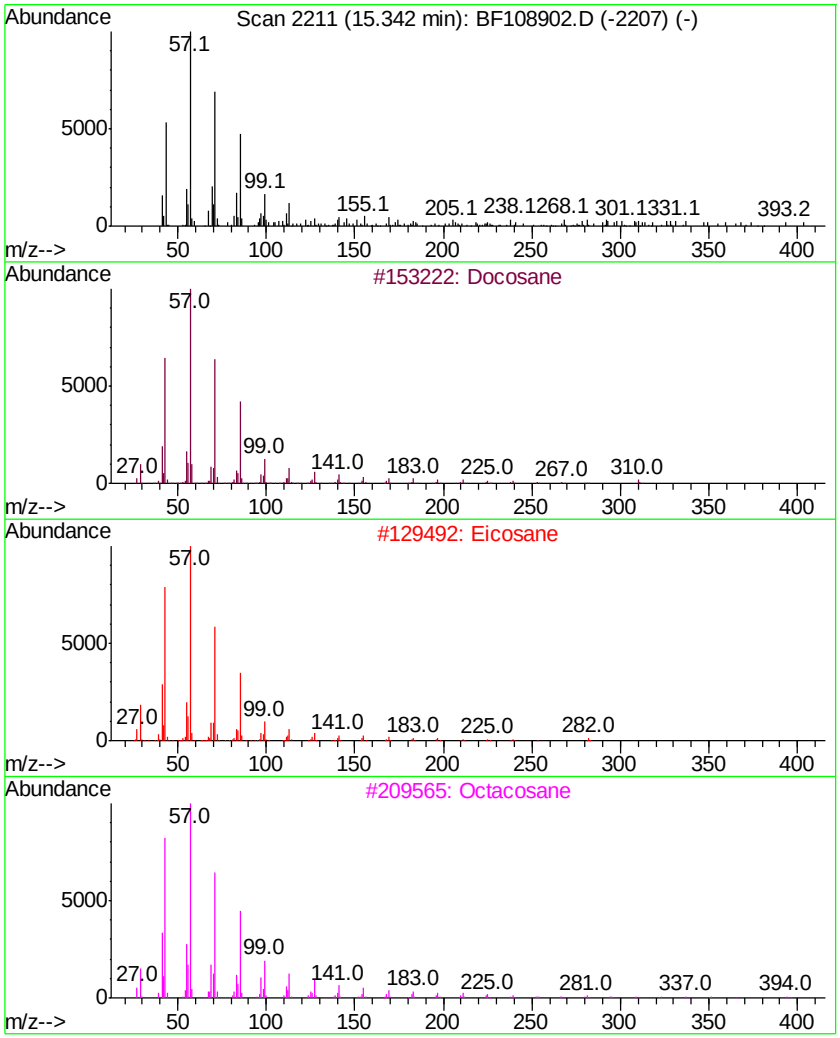
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

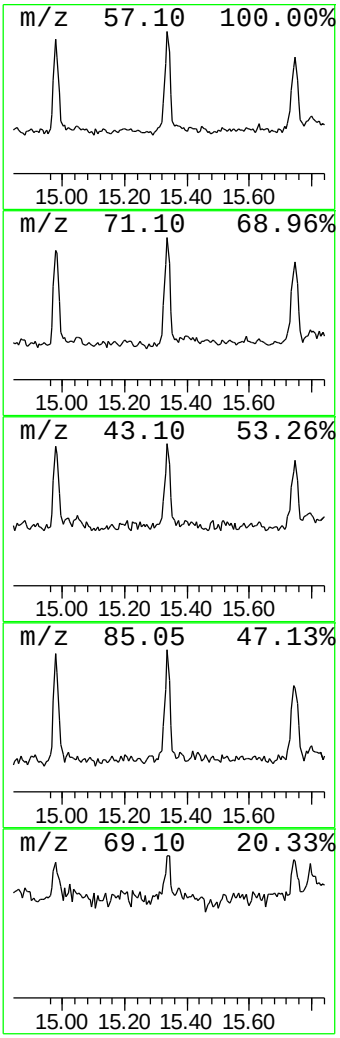
****

Peak Number 9 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.99 ng	121864	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Octacosane	394	C28H58	000630-02-4	93
4	Heneicosane	296	C21H44	000629-94-7	87
5	Nonadecane	268	C19H40	000629-92-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\
Data File : BF108902.D
Acq On : 10 Sep 2018 19:24
Operator : JU/SJ
Sample : J4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-025-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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...	4.94	2.8	ng	147936	1	6.74	1048850	20.0
unknown6.51	6.51	71.7	ng	3758420	1	6.74	1048850	20.0
2,4,7,9-Tetrameth...	9.22	3.7	ng	215438	3	9.77	1164540	20.0
n-Hexadecanoic acid	11.78	2.3	ng	118148	4	11.25	1035240	20.0
1-Nonadecene	13.74	6.8	ng	429075	5	13.88	1260190	20.0
Heneicosane	14.66	2.1	ng	86812	6	15.28	814077	20.0
Dodecane, 1-iodo-	14.98	2.3	ng	93780	6	15.28	814077	20.0
Docosane	15.34	3.0	ng	121864	6	15.28	814077	20.0