LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

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-BF011619.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	2.152	6	11	16	rVB	136837	194487	3.15%	0.331%
2	5.075	504	508	518	rVB	252220	317846	5.15%	0.541%
3	5.492	575	579	598	rBV	5263077	5153061	83.52%	8.769%
4	6.504	746	751	768	rBV	5231594	5552529	90.00%	9.449%
5	6.634	768	773	776	rBV	6191941	5693036	92.27%	9.688%
6	6.857	807	811	818	rBV	1895531	1600602	25.94%	2.724%
7	7.016	833	838	841	rBV	4929723	4509103	73.08%	7.673%
8	7.416	901	906	909	rBV	3761949	3517570	57.01%	5.986%
9	8.139	1024	1029	1032	rBV	2280327	2070914	33.57%	3.524%
10	9.210	1207	1211	1215	rBV	6598516	6169713	100.00%	10.499%
11	9.604	1274	1278	1282	rBV	603517	541747	8.78%	0.922%
12	9.892	1323	1327	1338	rVB	2886615	2418920	39.21%	4.116%
13	10.680	1457	1461	1475	rBV	4079986	4316698	69.97%	7.346%
14	11.380	1576	1580	1583	rBV	2651946	2402706	38.94%	4.089%
15	11.904	1666	1669	1673	rBV	293053	273636	4.44%	0.466%
16	12.592	1782	1786	1791	rBV	117406	110396	1.79%	0.188%
17	12.821	1820	1825	1829	rBV	89764	104753	1.70%	0.178%
18	12.963	1844	1849	1852	rBV	5855090	5419268	87.84%	9.222%
19	13.533	1941	1946	1949	rBV2	56831	63730	1.03%	0.108%
20	13.851	1997	2000	2013	rVB	478759	605245	9.81%	1.030%
21	14.021	2025	2029	2032	rBV	1996750	1870363	30.32%	3.183%
22	14.174	2052	2055	2059	rBV	209524	196756	3.19%	0.335%
23	14.480	2103	2107	2113	rBV	374930	419611	6.80%	0.714%
24	14.786	2156	2159	2163	rVB	456458	426877	6.92%	0.726%
25	14.862	2169	2172	2177	rVB	96685	98278	1.59%	0.167%
26	14.933	2180	2184	2188	rBV3	77036	87030	1.41%	0.148%
27	15.057	2203	2205	2209	rBV	46488	67960	1.10%	0.116%
28	15.127	2213	2217	2221	rBV	528232	618202	10.02%	1.052%
29	15.492	2274	2279	2291	rBV2	1610768	2617776	42.43%	4.455%
30	15.945	2350	2356	2361	rBV	431103	669227	10.85%	1.139%
31	16.451	2436	2442	2453	rVB2	244369	470804	7.63%	0.801%
32	17.039	2538	2542	2550	rVB2	90225	183843	2.98%	0.313%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

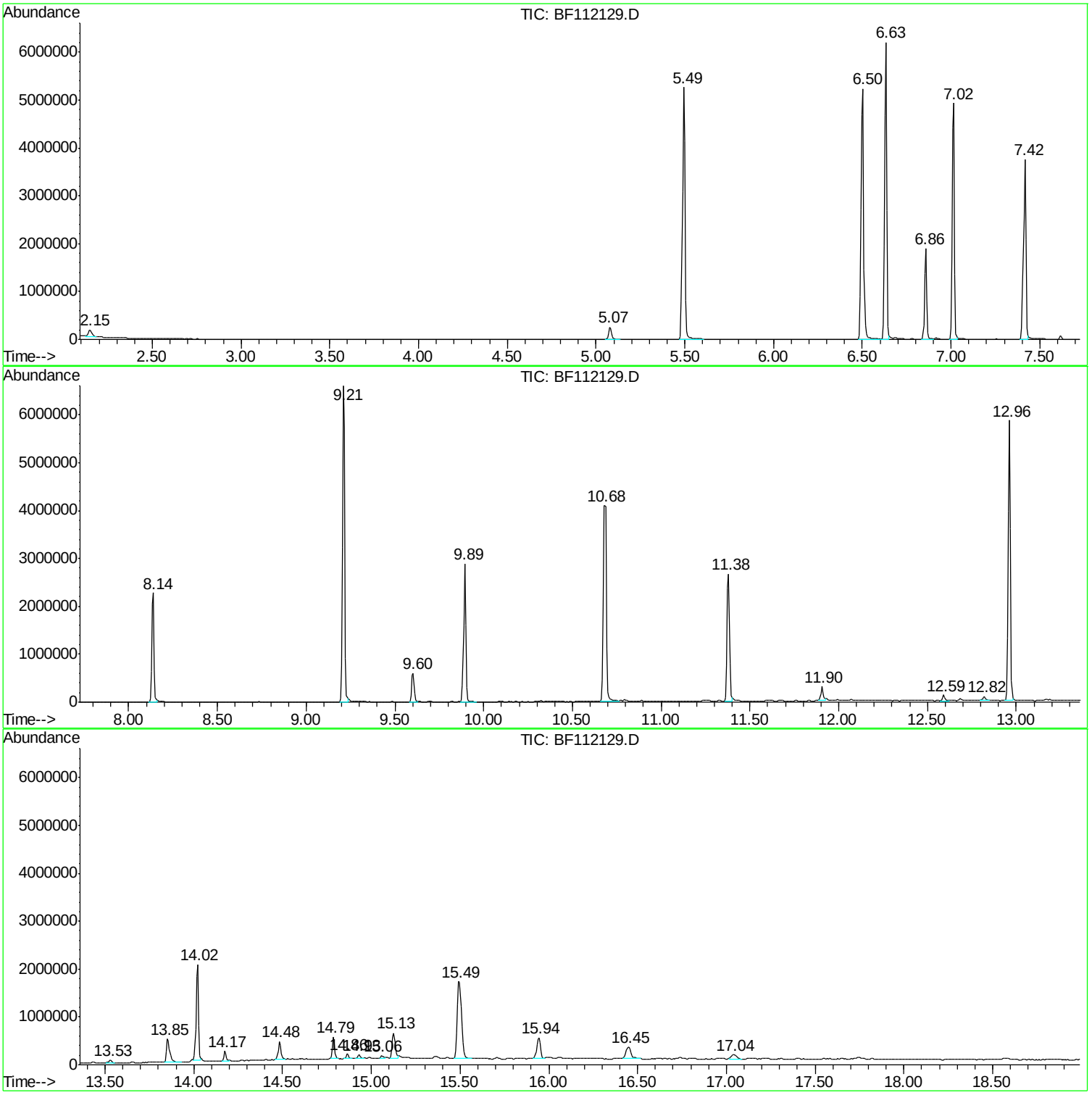
Sum of corrected areas: 58762687

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

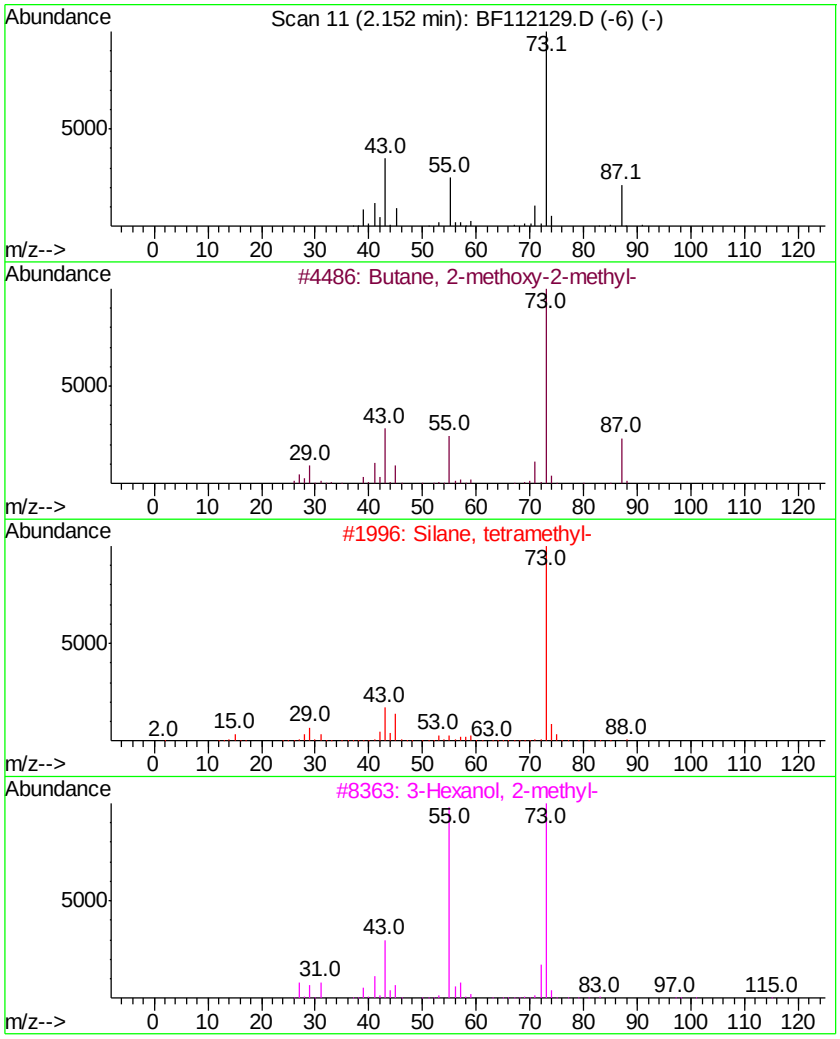
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

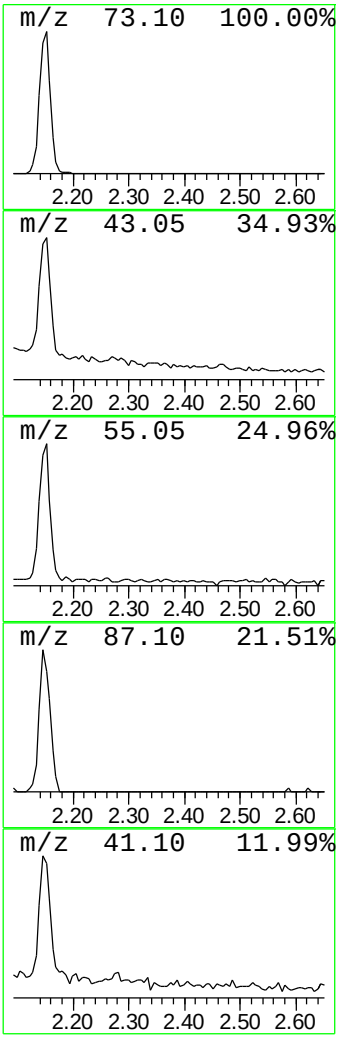
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	2.43 ng	194487	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

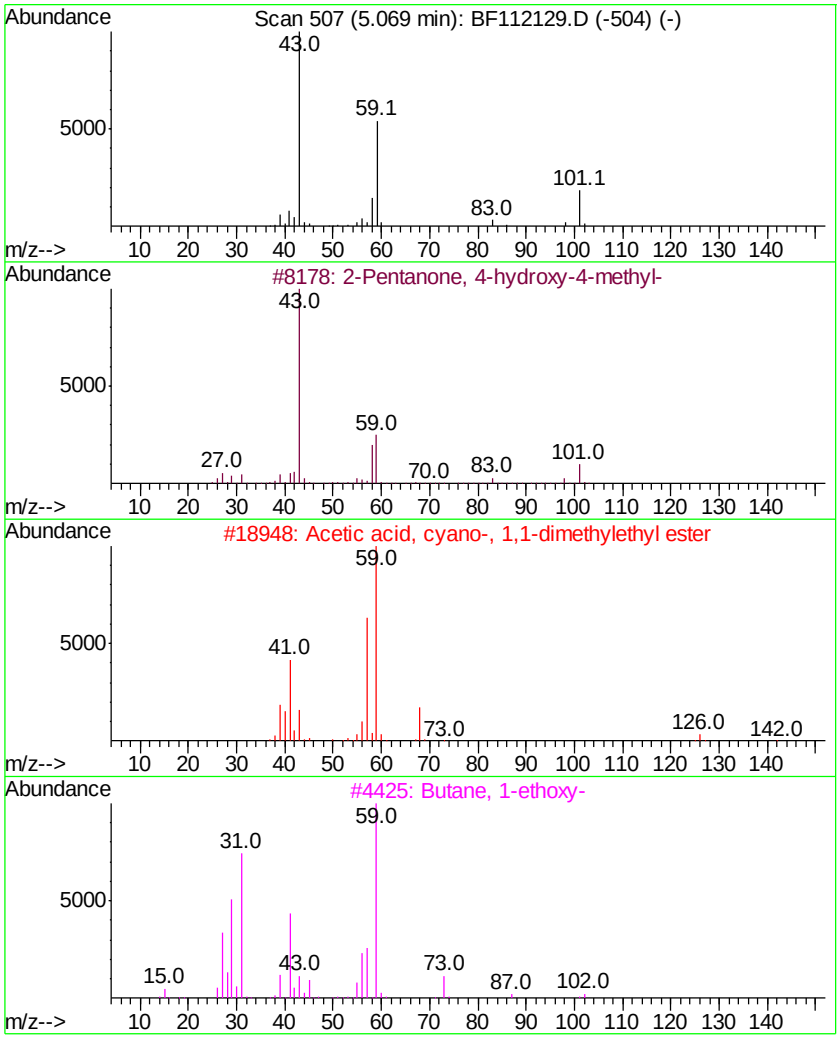
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

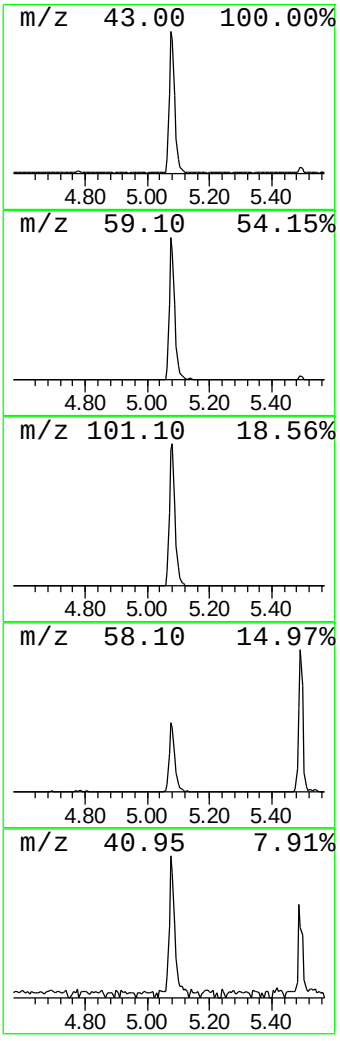
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.97 ng	317846	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

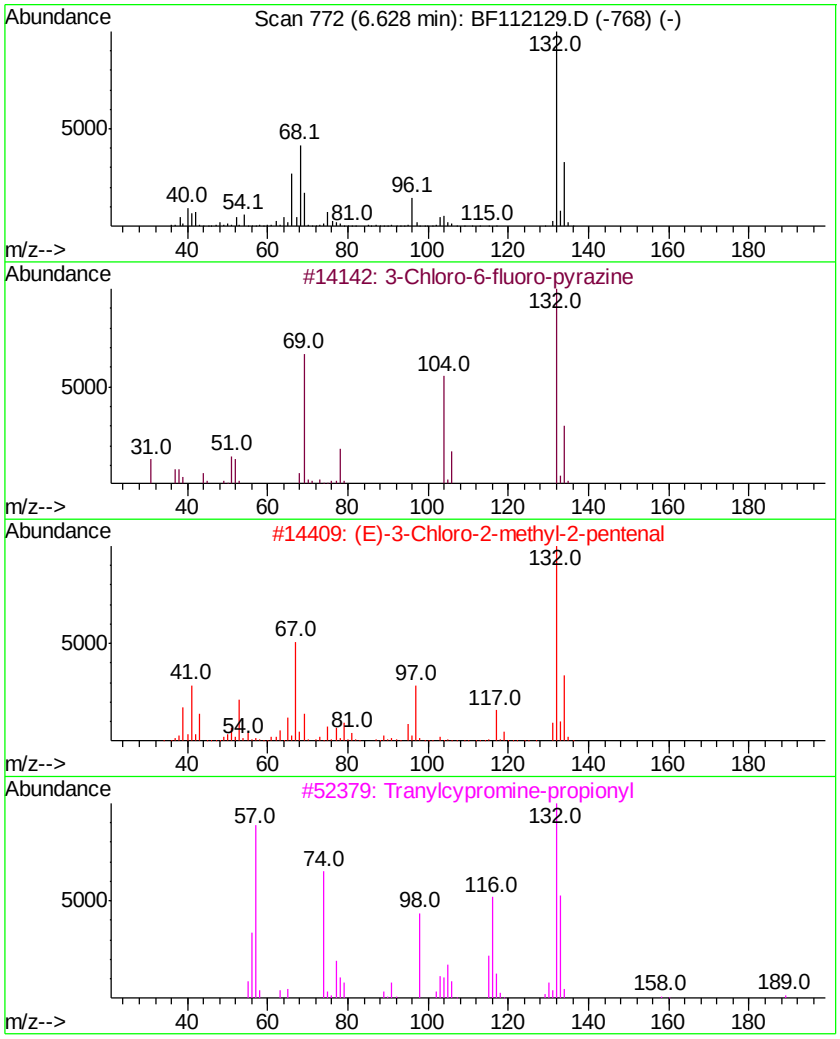
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

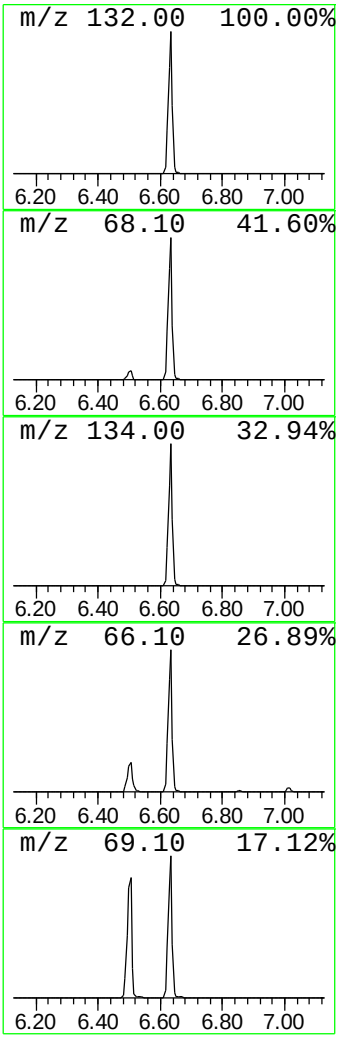
****

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	71.14 ng	5693040	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

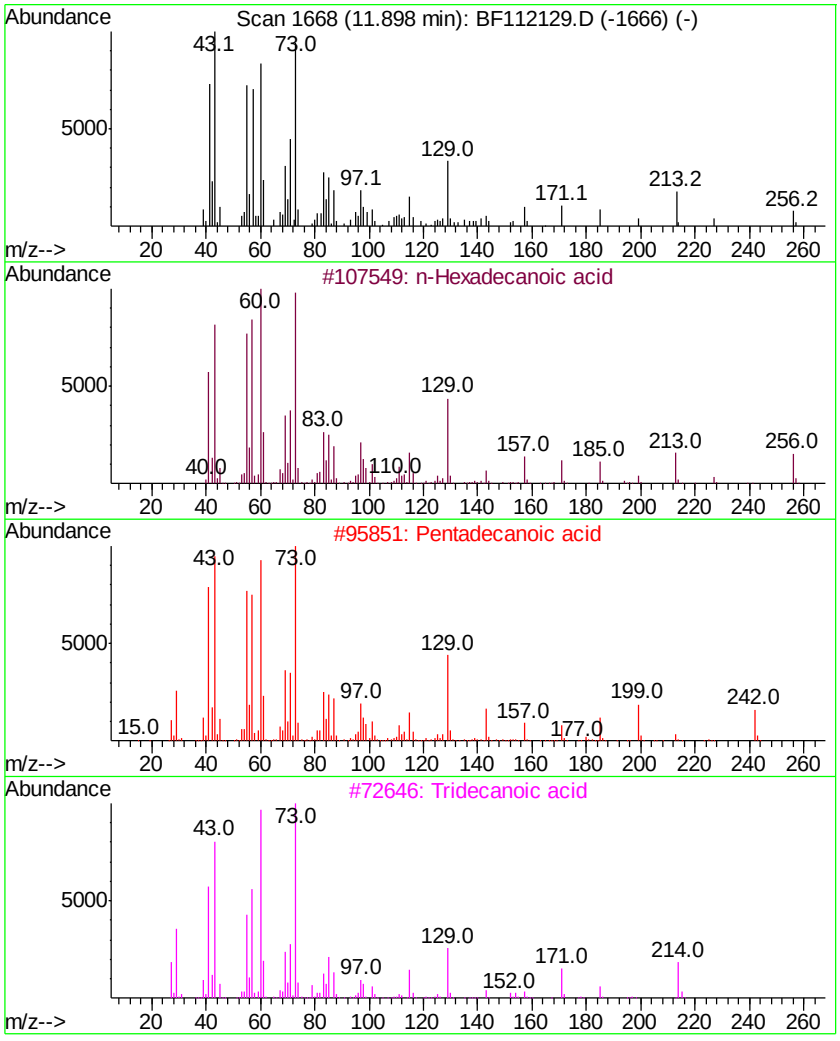
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

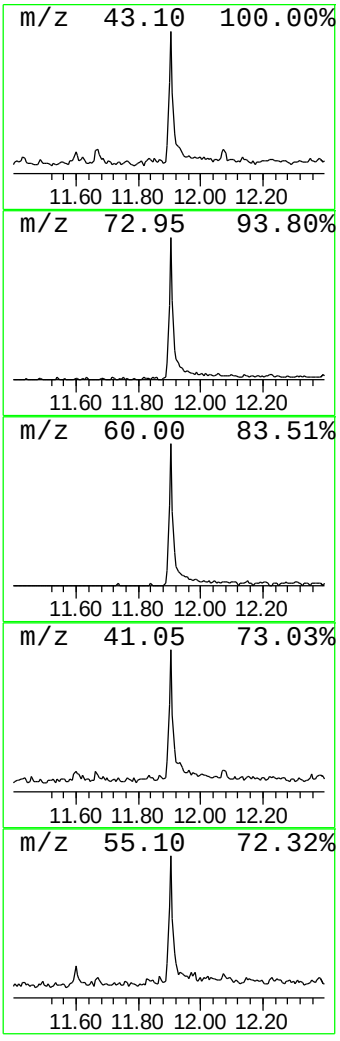
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.28 ng	273636	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

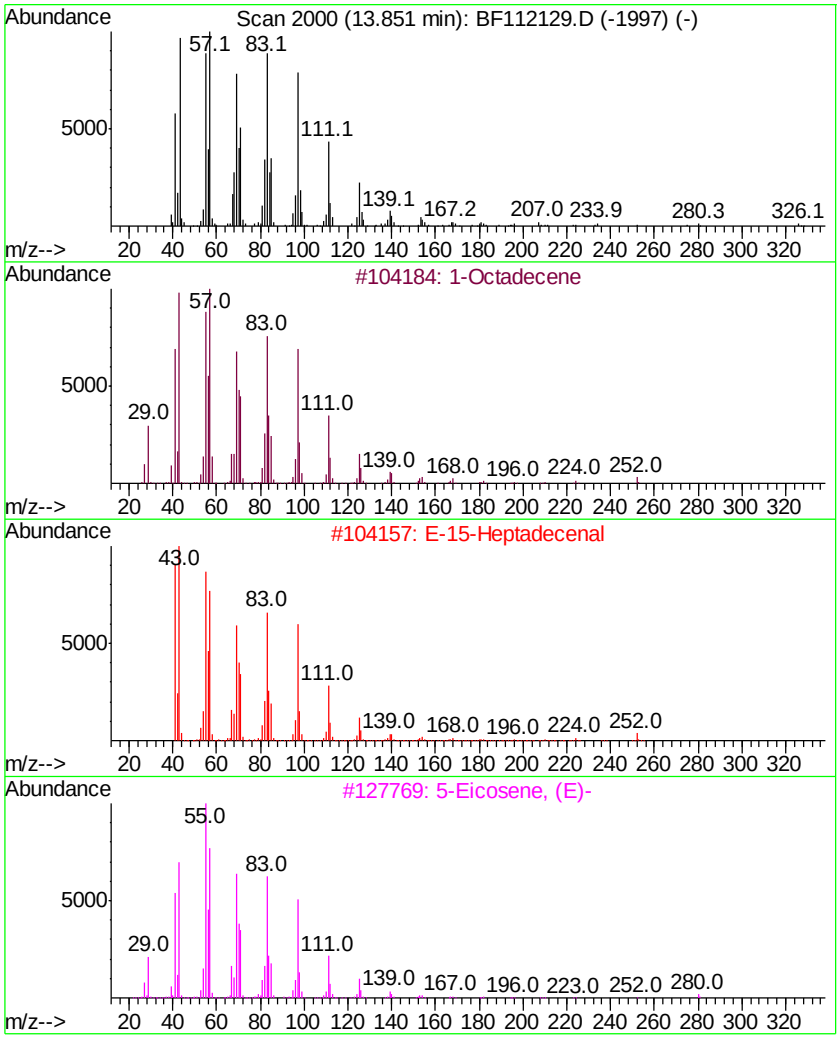
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

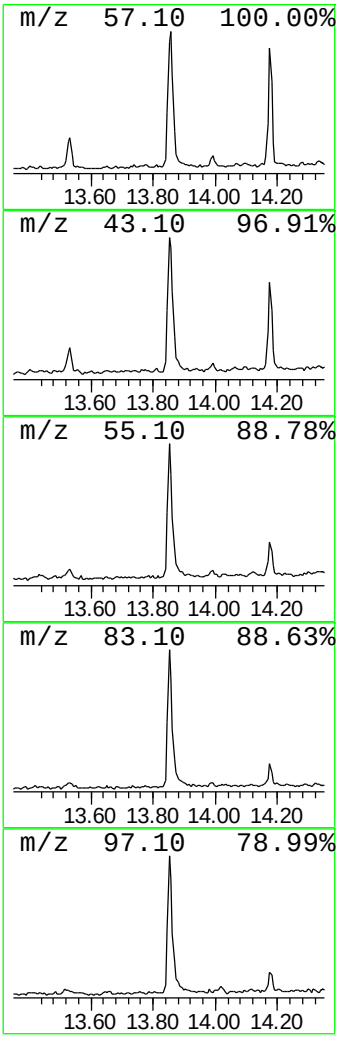
****

Peak Number 6 1-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.47 ng	605245	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	98
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

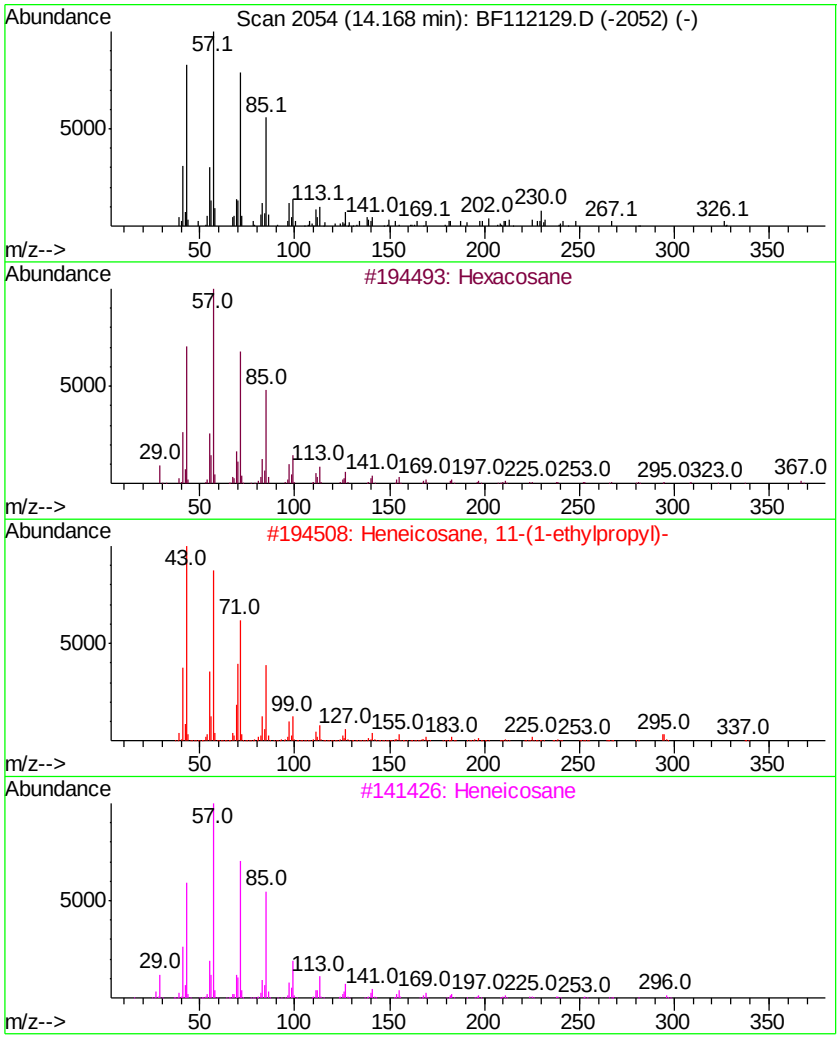
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

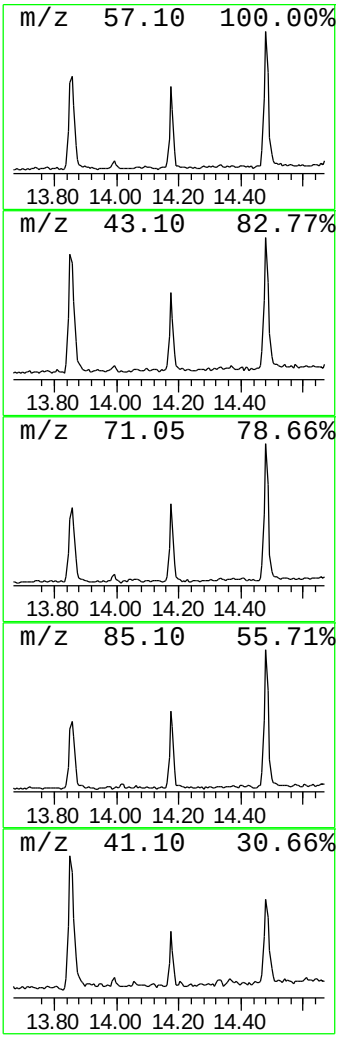
****

Peak Number 7 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.10 ng	196756	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

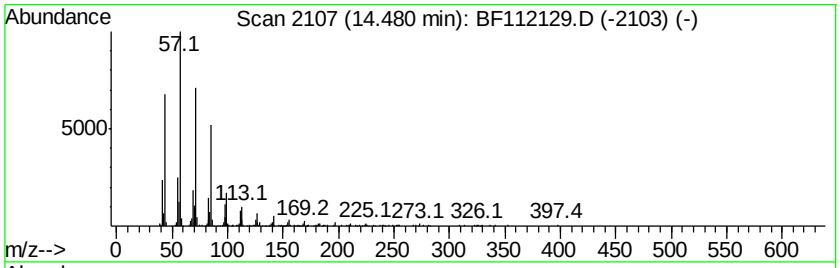
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

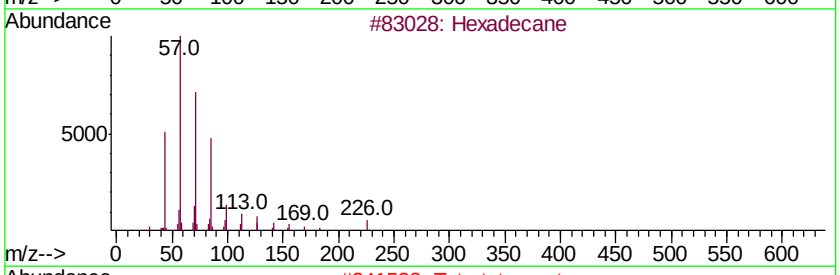
****

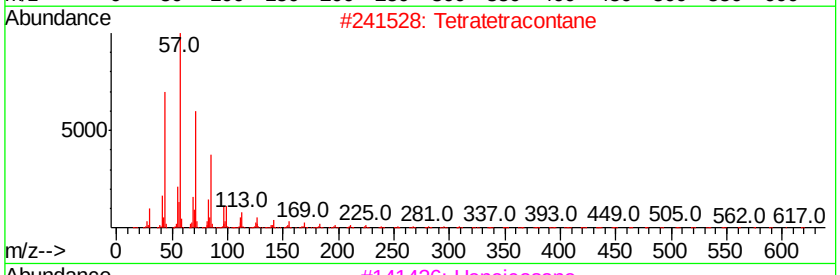
Peak Number 8 Hexadecane Concentration Rank 6

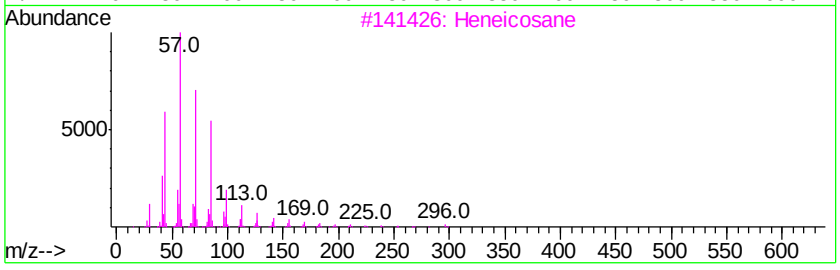
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	4.49 ng	419611	Chrysene-d12	14.02

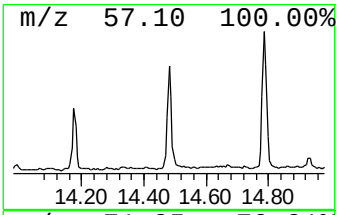
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Hentriacontane	437	C31H64	000630-04-6	91

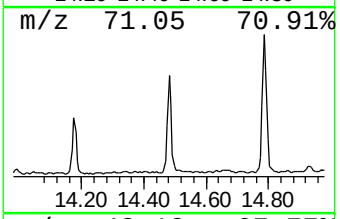


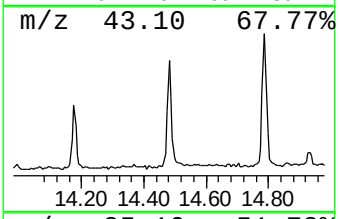


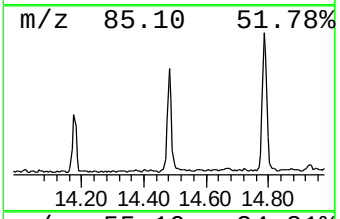


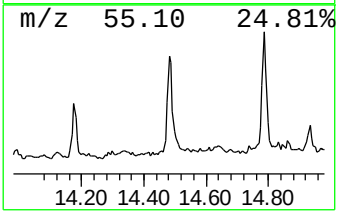












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

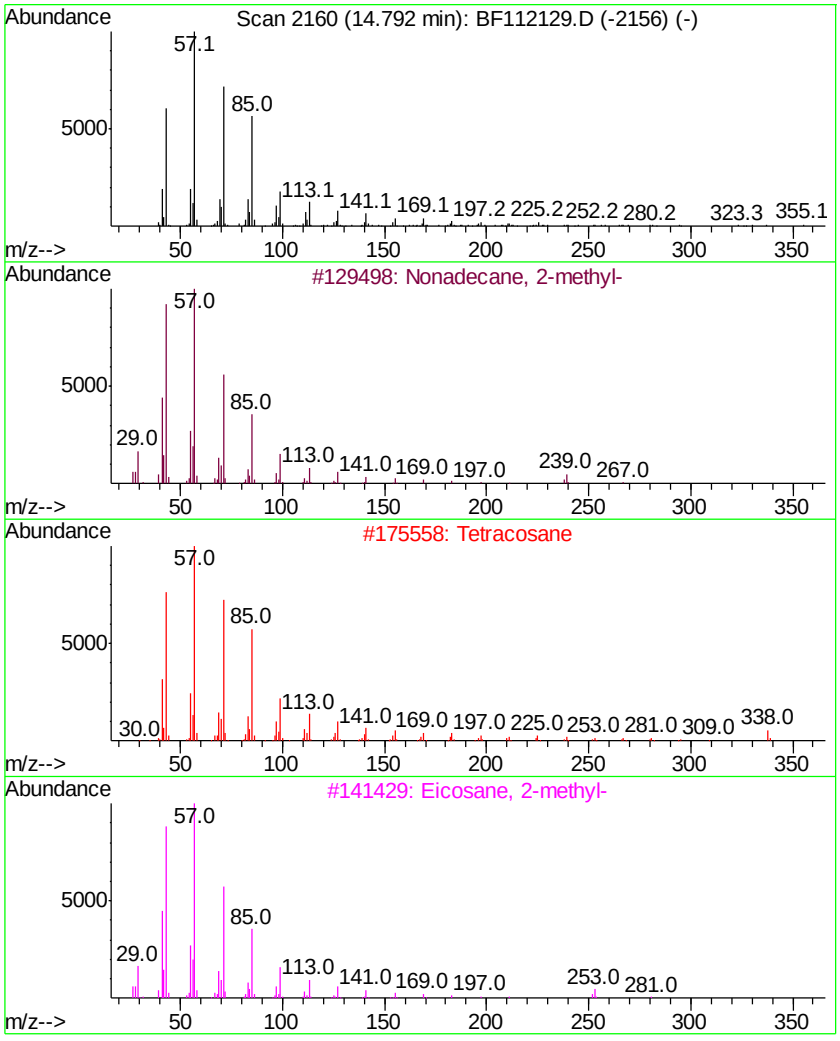
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

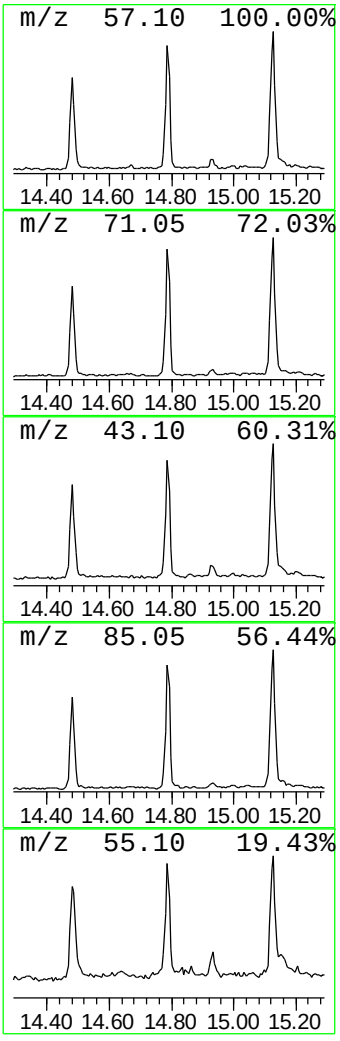
****

Peak Number 9 Nonadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.26 ng	426877	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

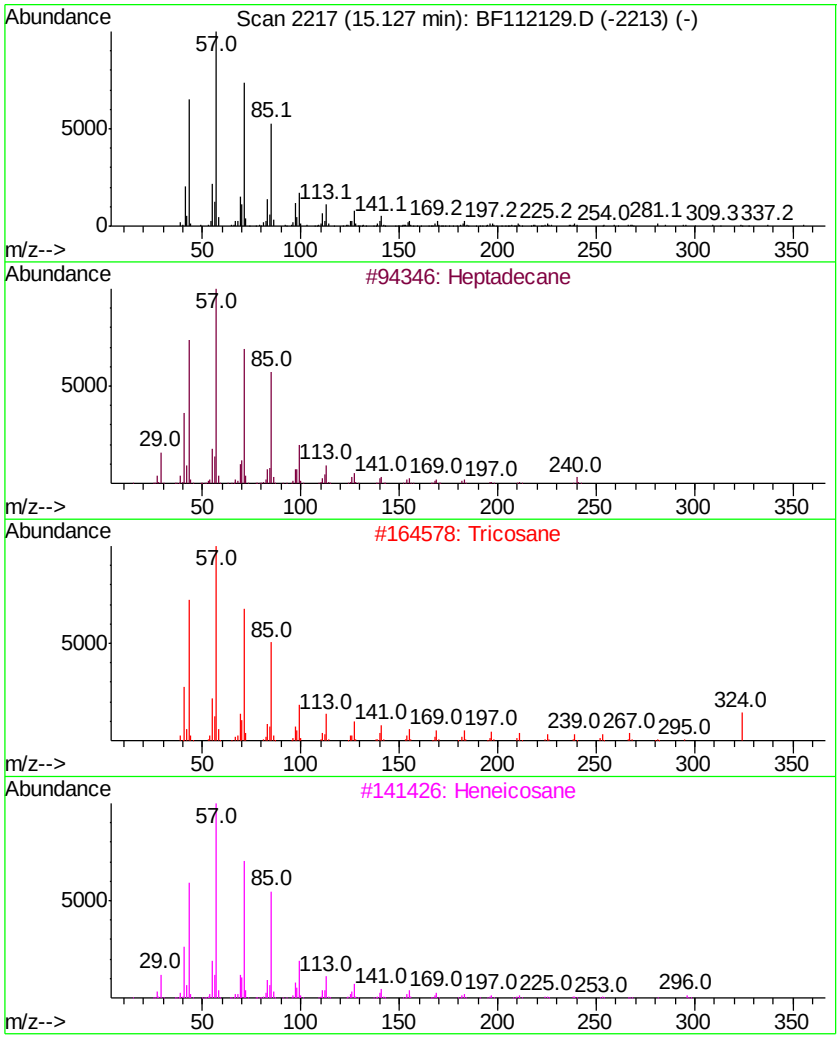
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

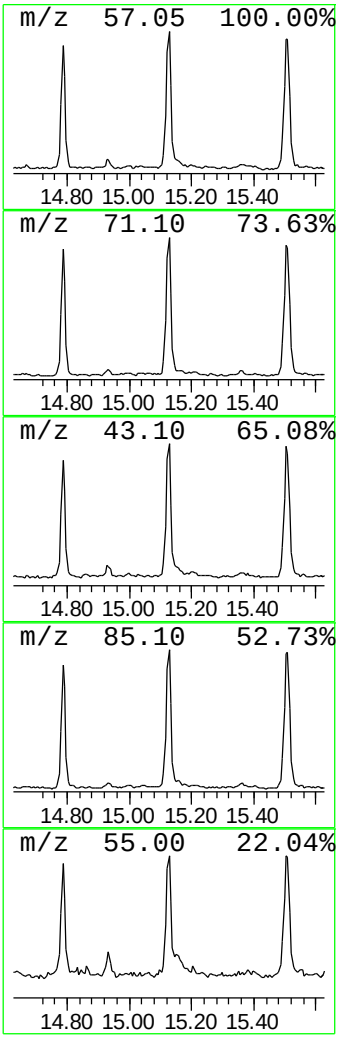
****

Peak Number 10 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.72 ng	618202	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tricosane	324	C23H48	000638-67-5	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
Butane, 2-methoxy...	2.15	2.4	ng	194487	1	6.86	1600600	20.0
2-Pentanone, 4-hy...	5.07	4.0	ng	317846	1	6.86	1600600	20.0
unknown6.63	6.63	71.1	ng	5693040	1	6.86	1600600	20.0
n-Hexadecanoic acid	11.90	2.3	ng	273636	4	11.38	2402710	20.0
1-Octadecene	13.85	6.5	ng	605245	5	14.02	1870360	20.0
Hexacosane	14.17	2.1	ng	196756	5	14.02	1870360	20.0
Hexadecane	14.48	4.5	ng	419611	5	14.02	1870360	20.0
Nonadecane, 2-met...	14.79	3.3	ng	426877	6	15.49	2617780	20.0
Heptadecane	15.13	4.7	ng	618202	6	15.49	2617780	20.0