LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

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-BF061918.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	3.396	80	180	186	rVB3	22943	455731	22.36%	2.649%
2	5.190	476	485	504	rBB	159795	210402	10.32%	1.223%
3	5.596	548	554	571	rBV	1320608	1378895	67.66%	8.014%
4	6.595	717	724	740	rBV	1297406	1449542	71.13%	8.425%
5	6.725	740	746	751	rBV	1413519	1375657	67.51%	7.995%
6	6.943	779	783	790	rBV	366422	315974	15.51%	1.836%
7	7.101	801	810	819	rBV	1088505	966683	47.44%	5.618%
8	7.513	872	880	892	rBV	903381	869963	42.69%	5.056%
9	8.225	997	1001	1011	rVB	386141	369291	18.12%	2.146%
10	8.342	1011	1021	1029	rBV	1545030	2037856	100.00%	11.844%
11	9.301	1179	1184	1192	rBV	1345103	1159123	56.88%	6.737%
12	9.695	1245	1251	1261	rBB	220157	192486	9.45%	1.119%
13	9.983	1297	1300	1313	rVB	353103	347935	17.07%	2.022%
14	10.783	1431	1436	1442	rBV	841664	753244	36.96%	4.378%
15	10.836	1442	1445	1459	rVB	153968	175268	8.60%	1.019%
16	11.478	1547	1554	1565	rBV	326729	332898	16.34%	1.935%
17	12.030	1643	1648	1656	rVB	175940	163486	8.02%	0.950%
18	13.066	1819	1824	1854	rBV	1549487	1593795	78.21%	9.263%
19	13.607	1913	1916	1950	rVV3	50777	147790	7.25%	0.859%
20	13.936	1969	1972	1981	rBV	99810	113109	5.55%	0.657%
21	14.013	1981	1985	1993	rVB	70873	85179	4.18%	0.495%
22	14.130	2001	2005	2022	rBV	410690	480298	23.57%	2.792%
23	14.254	2022	2026	2034	rBV	106867	151872	7.45%	0.883%
24	14.560	2074	2078	2086	rBV	153896	160115	7.86%	0.931%
25	14.877	2127	2132	2186	rBV	220802	380171	18.66%	2.210%
26	15.230	2186	2192	2253	rVV	217603	324768	15.94%	1.888%
27	15.624	2253	2259	2262	rVV	188332	276523	13.57%	1.607%
28	15.665	2262	2266	2331	rVB	216395	483794	23.74%	2.812%
29	16.077	2331	2336	2421	rVB	147624	453878	22.27%	2.638%

Sum of corrected areas: 17205726

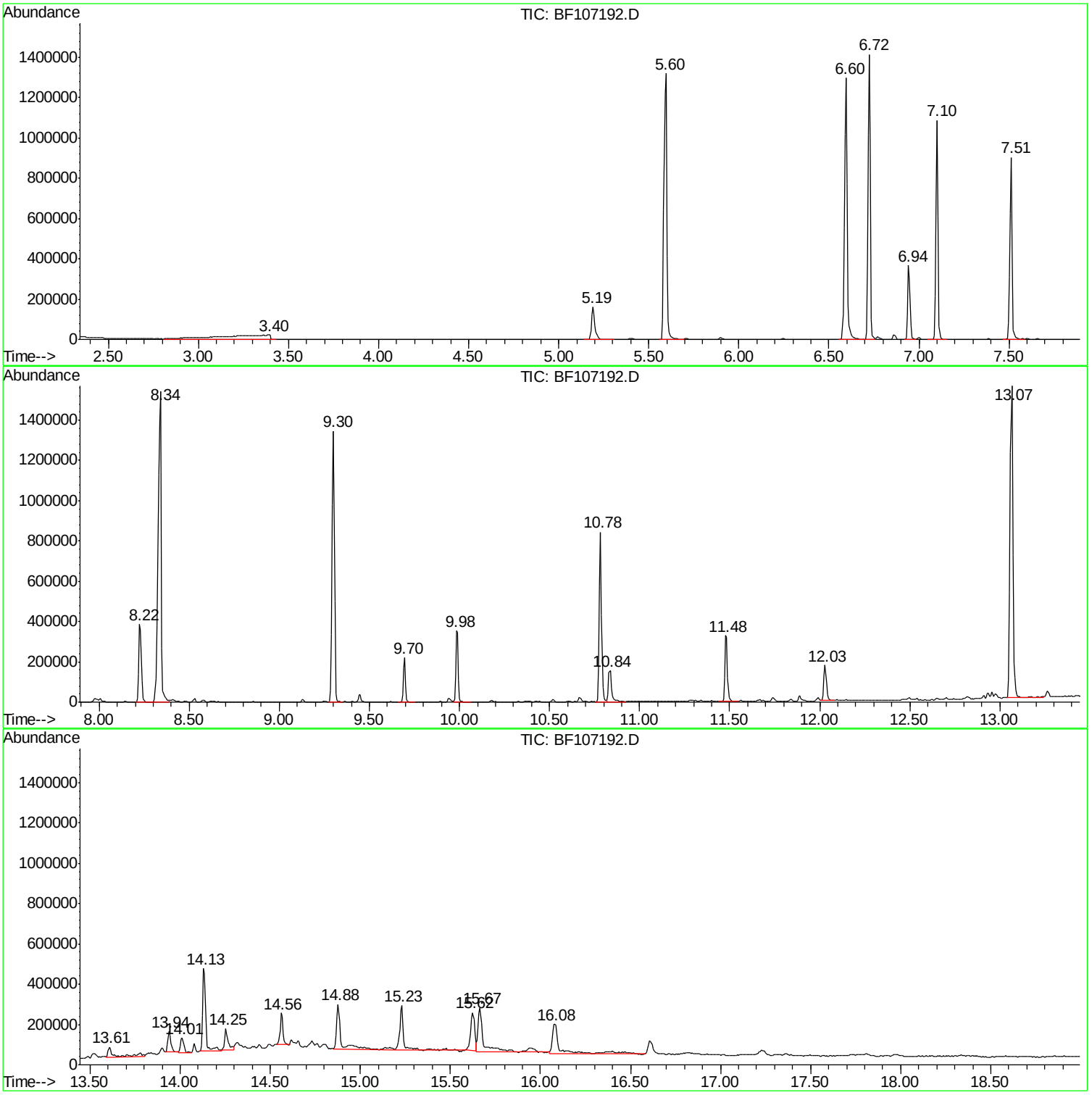
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

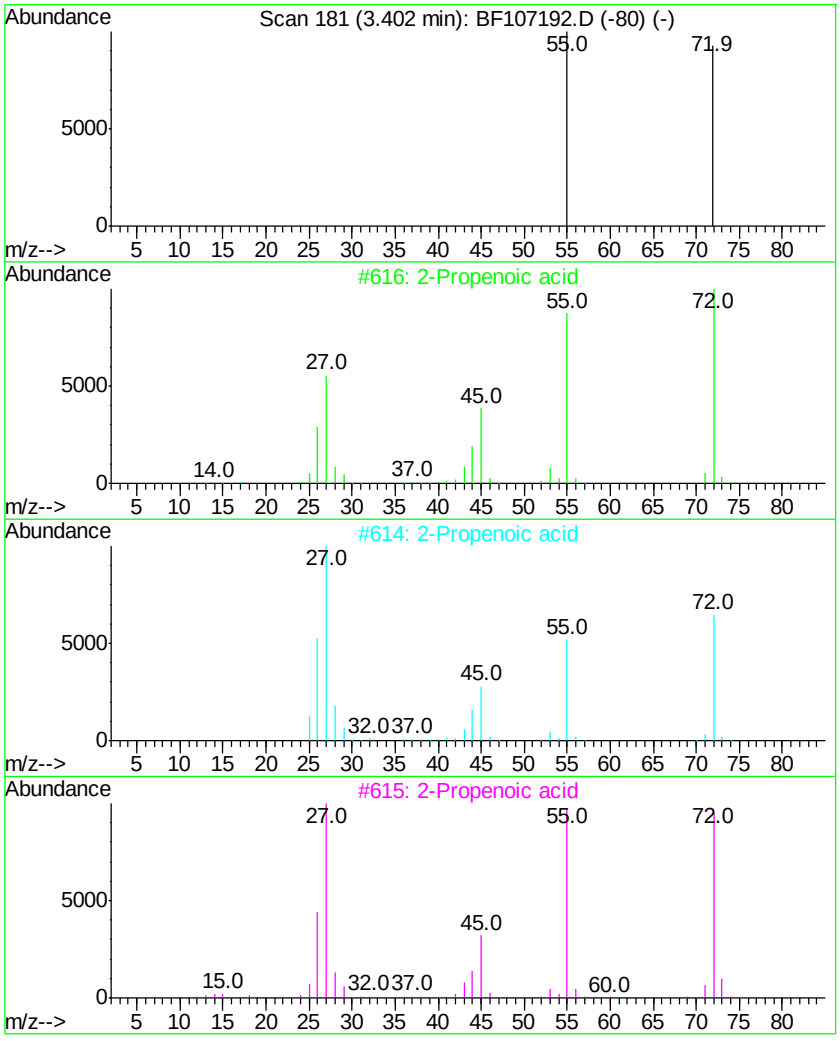
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

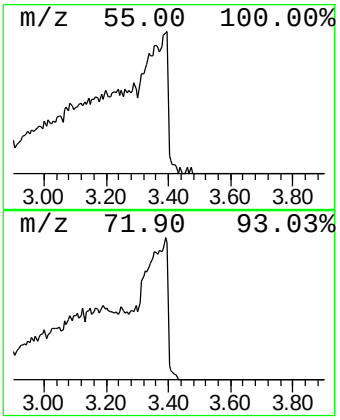
****

Peak Number 1 2-Propenoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	28.85 ng	455731	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid	72	C3H4O2	000079-10-7	90
2	2-Propenoic acid	72	C3H4O2	000079-10-7	90
3	2-Propenoic acid	72	C3H4O2	000079-10-7	78
4	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	9
5	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

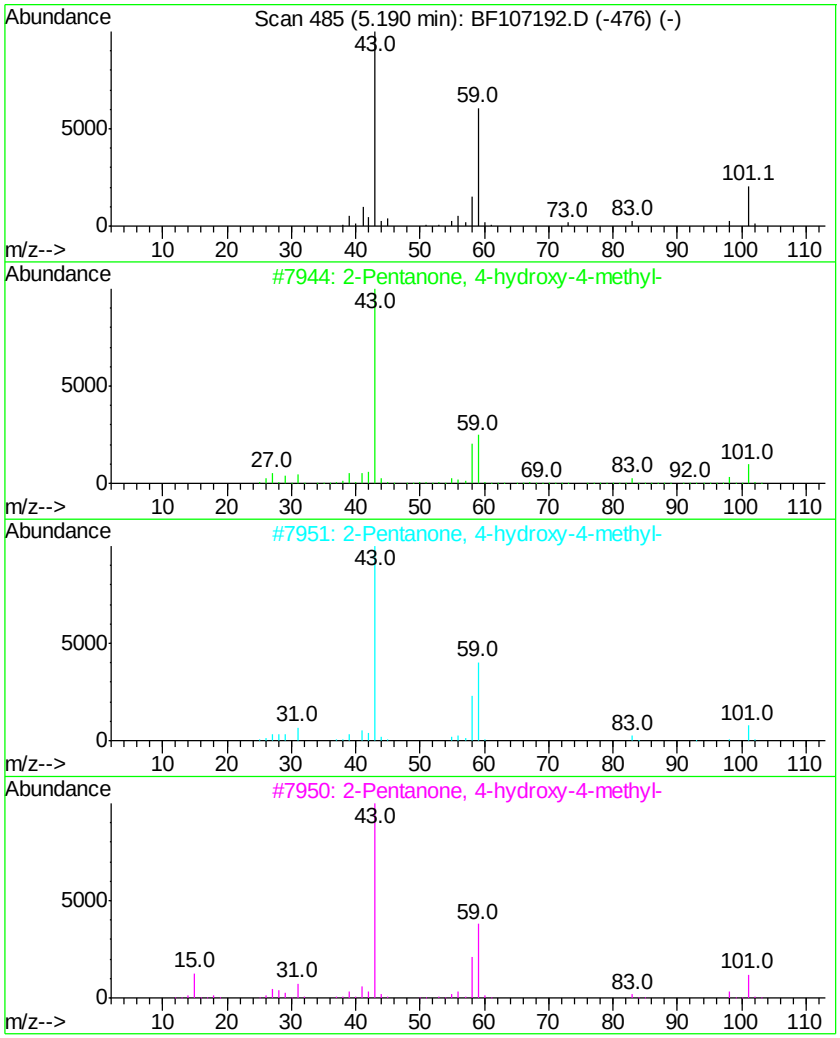
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

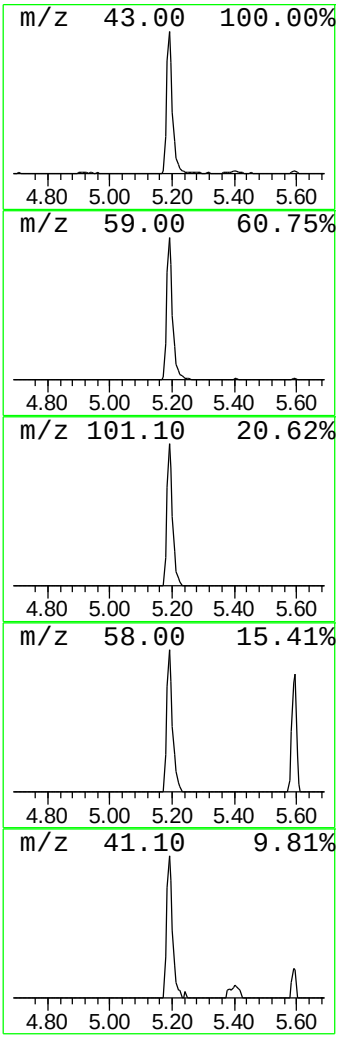
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	13.32 ng	210402	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	32
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

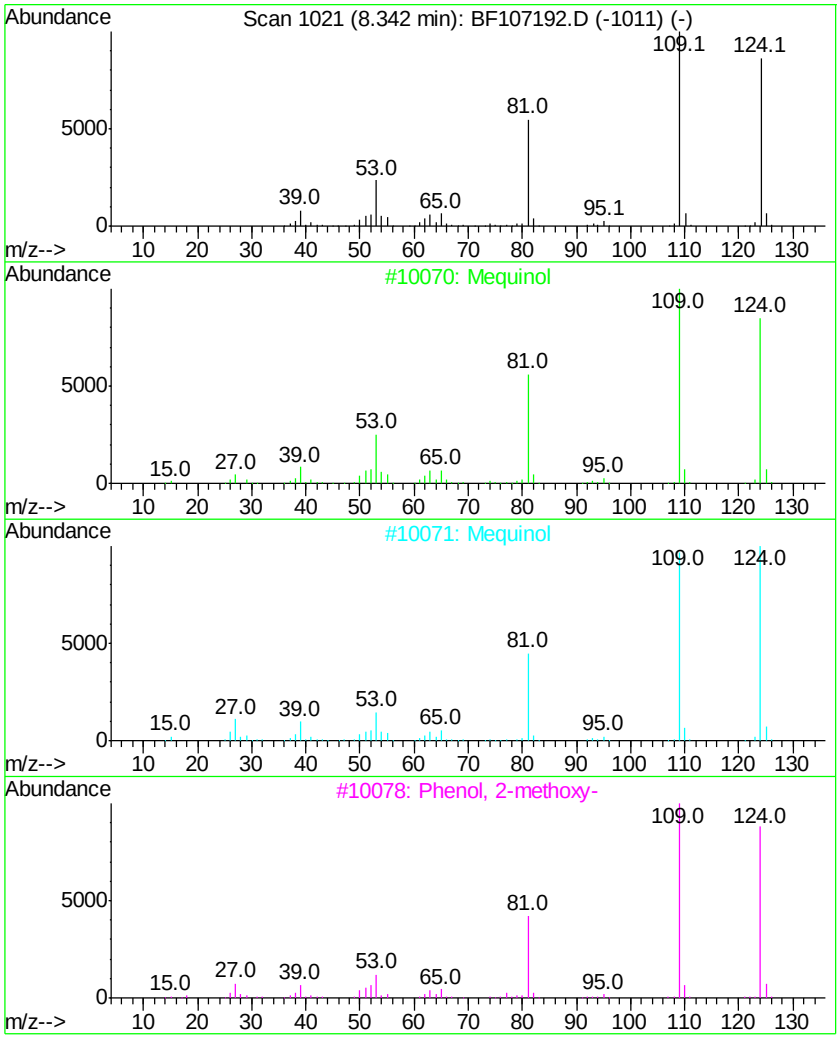
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

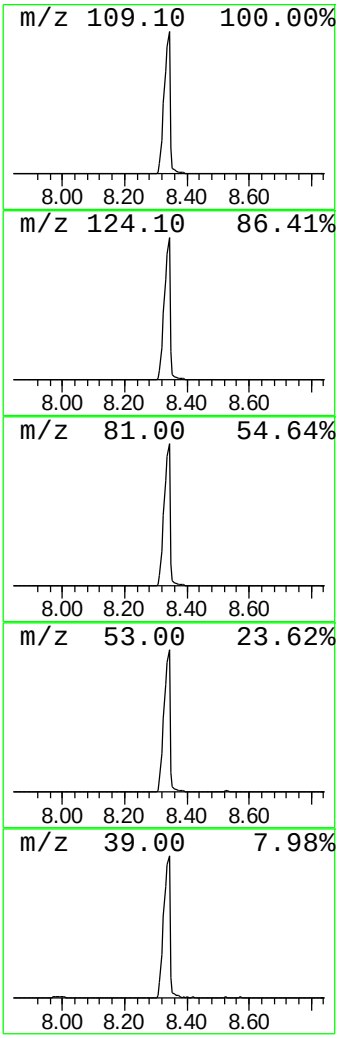
****

Peak Number 3 Mequinol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	110.37 ng	2037860	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	97
2	Mequinol	124	C7H8O2	000150-76-5	94
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
4	Mequinol	124	C7H8O2	000150-76-5	94
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

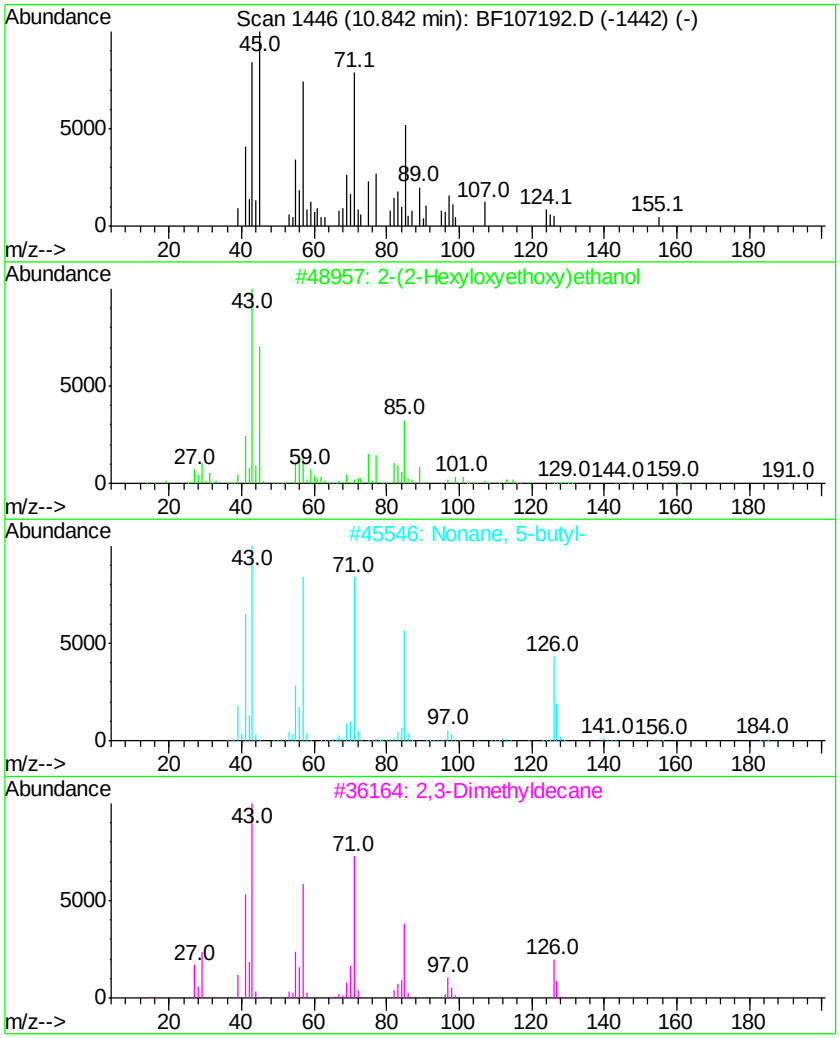
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

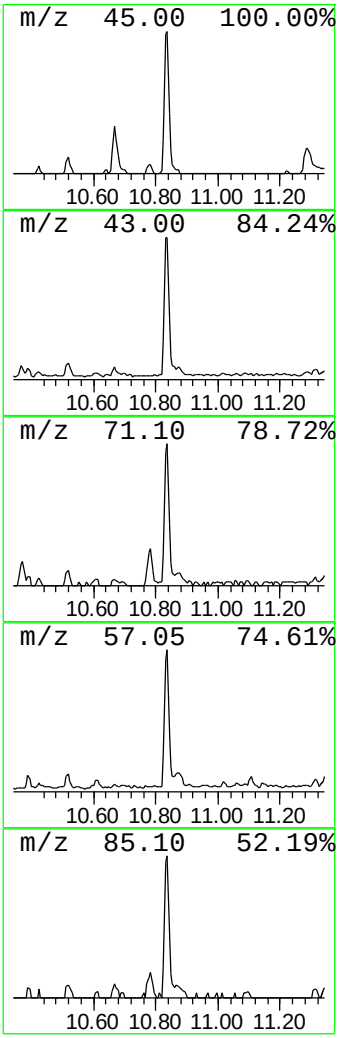
****

Peak Number 4 unknown10.84 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	10.53 ng	175268	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Hexyloxyethoxy)ethanol	190	C10H22O3	000112-59-4	47
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	38
3	2,3-Dimethyldecane	170	C12H26	017312-44-6	35
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	35
5	10-Methylnonadecane	282	C20H42	056862-62-5	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

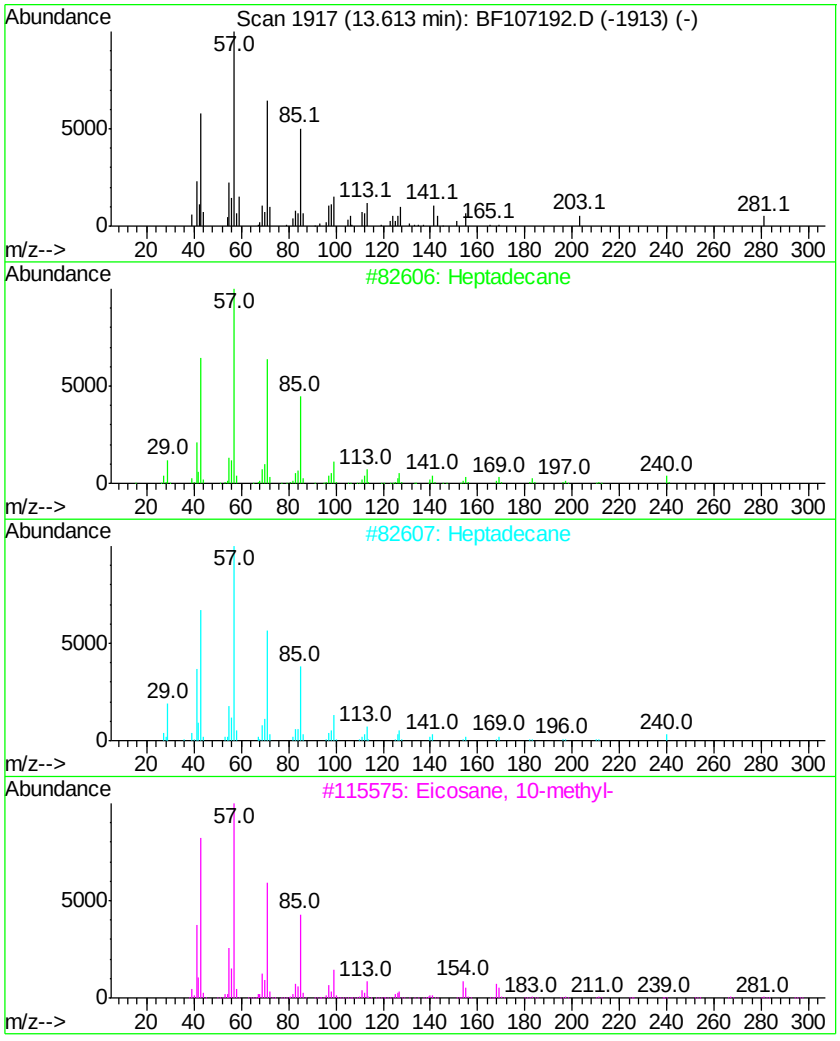
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

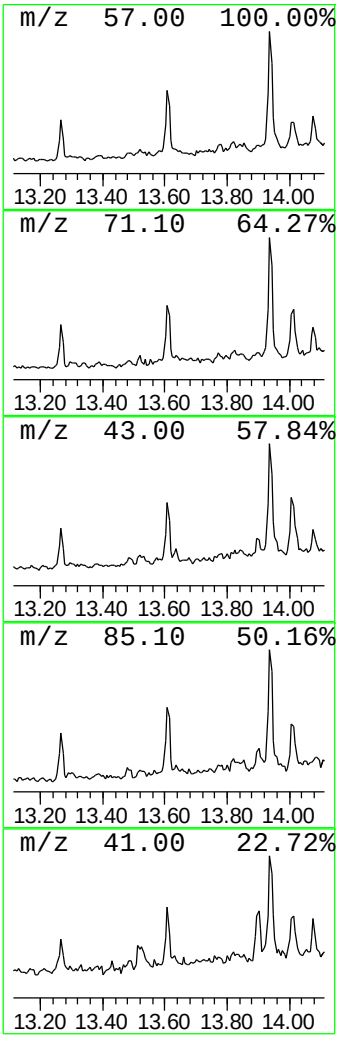
****

Peak Number 5 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	6.15 ng	147790	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Heptadecane	240	C17H36	000629-78-7	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	62
4	Hexacosane	366	C26H54	000630-01-3	62
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

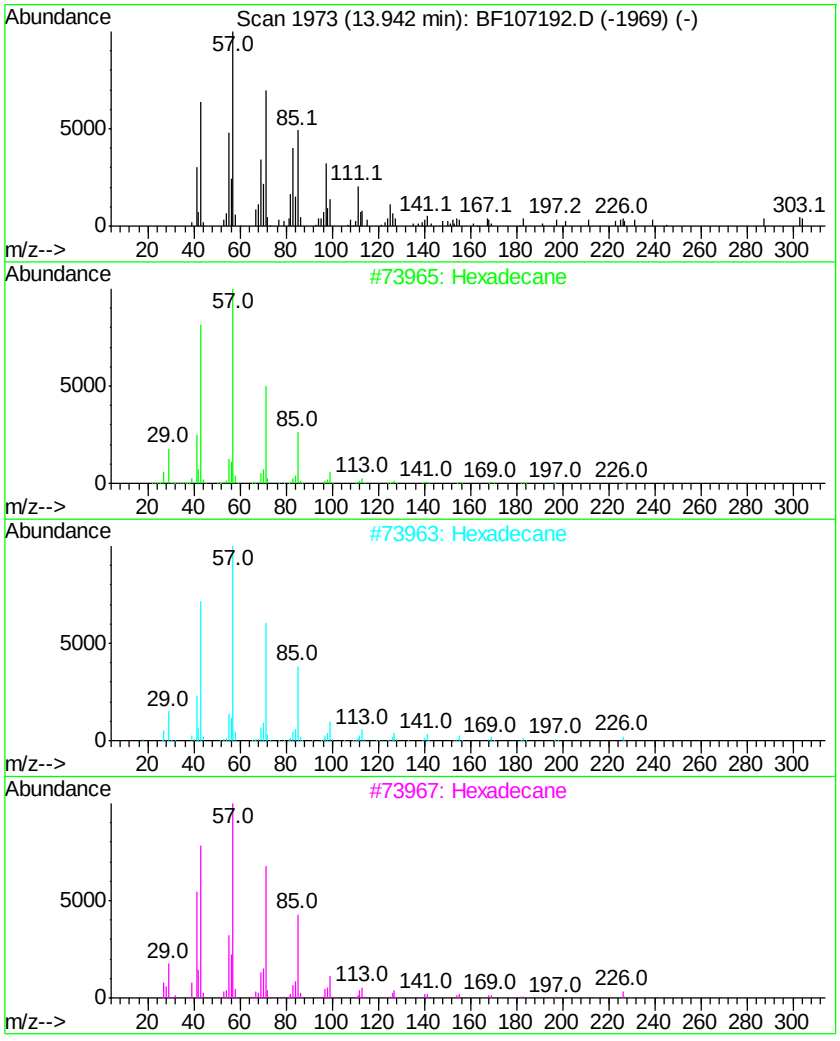
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

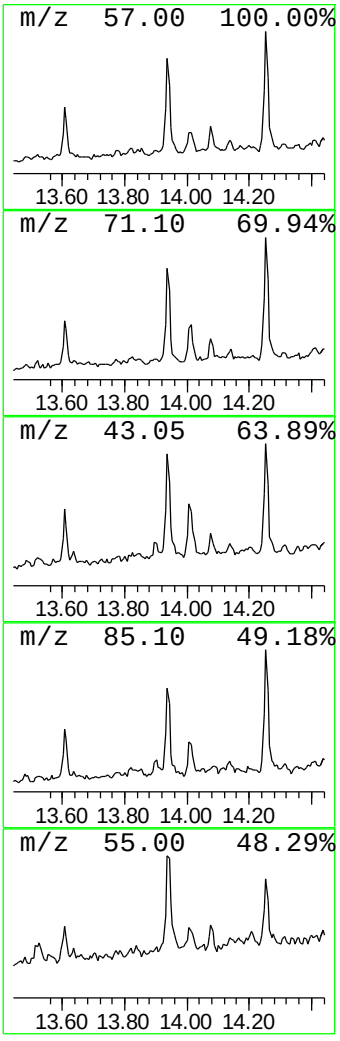
****

Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.71 ng	113109	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	92
4	Tritetracontane	605	C43H88	007098-21-7	87
5	Nonadecane	268	C19H40	000629-92-5	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

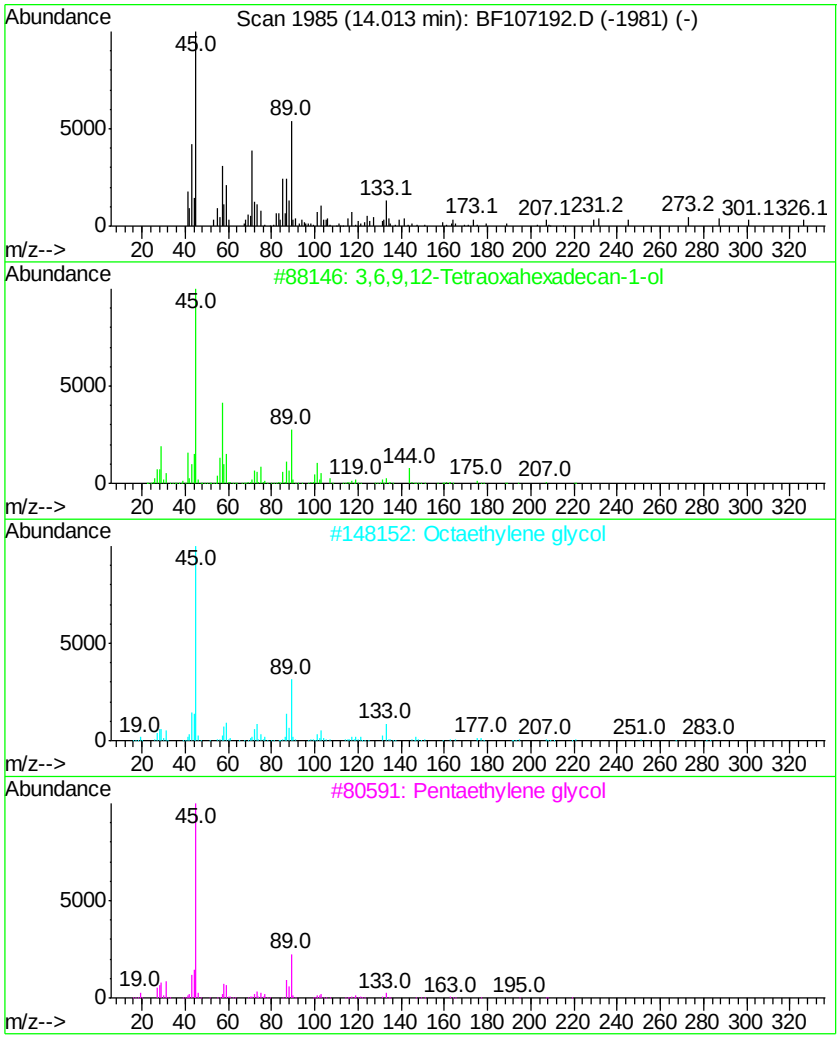
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

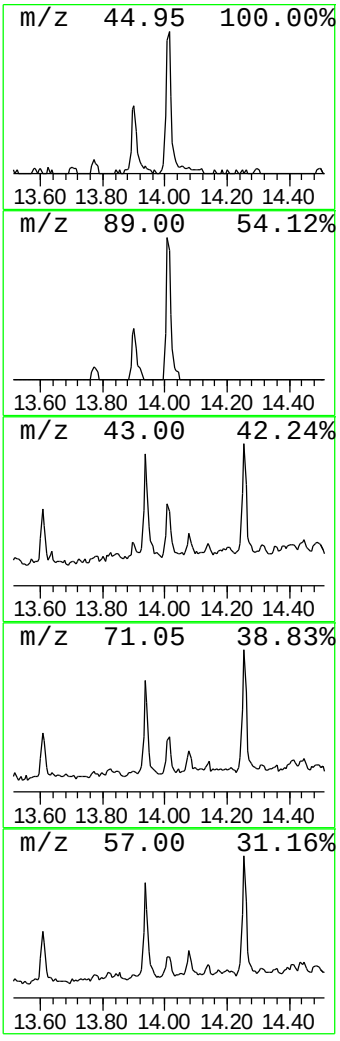
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

****
Peak Number 7 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.55 ng	85179	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	53
2	Octaethylene glycol	370	C16H34O9	1000289-34-2	52
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	50
4	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	50
5	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

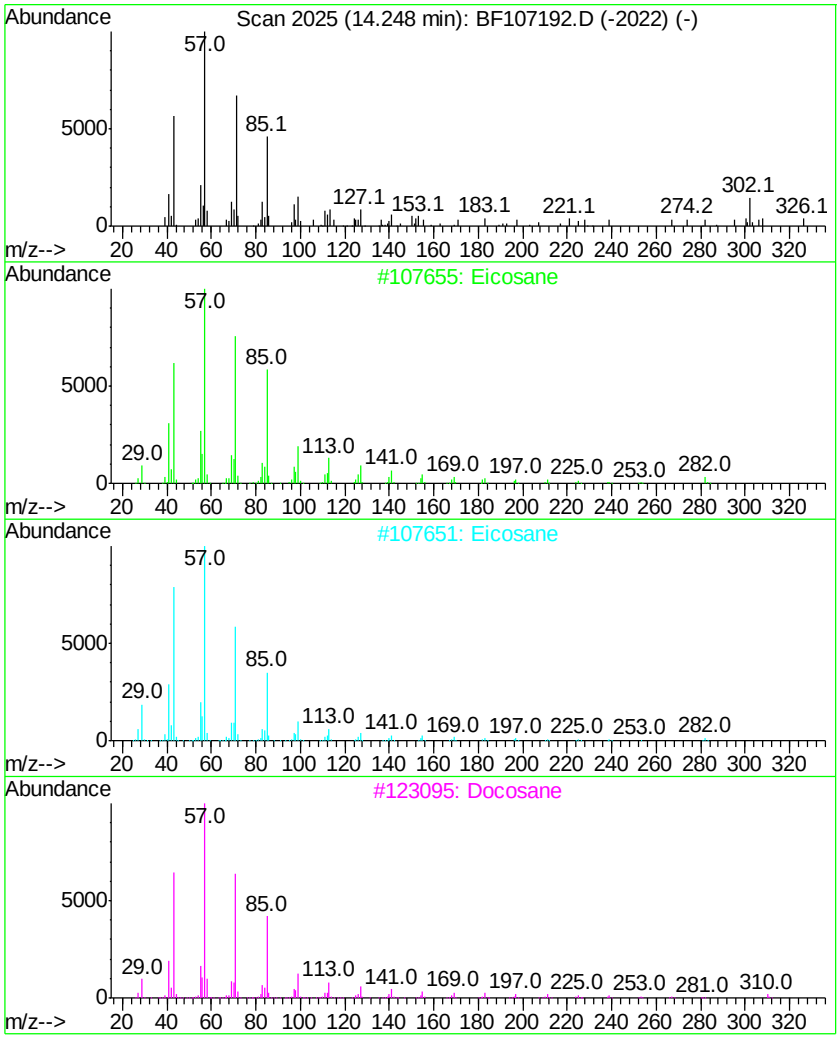
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

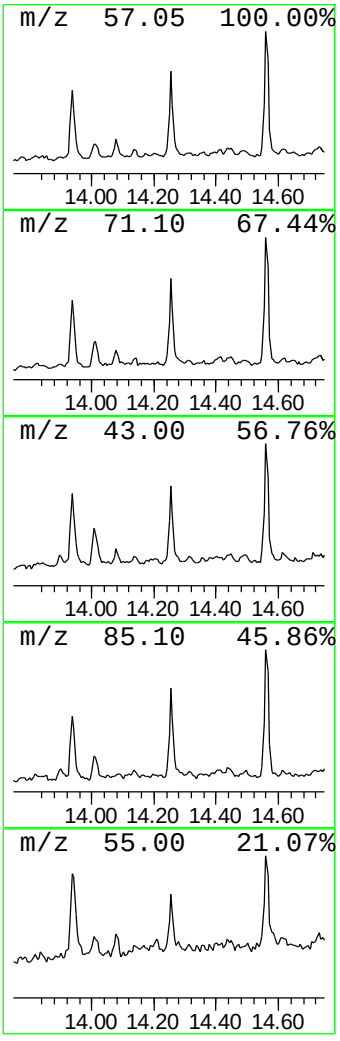
****

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	6.32 ng	151872	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Docosane	310	C22H46	000629-97-0	87
4	Nonacosane	408	C29H60	000630-03-5	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

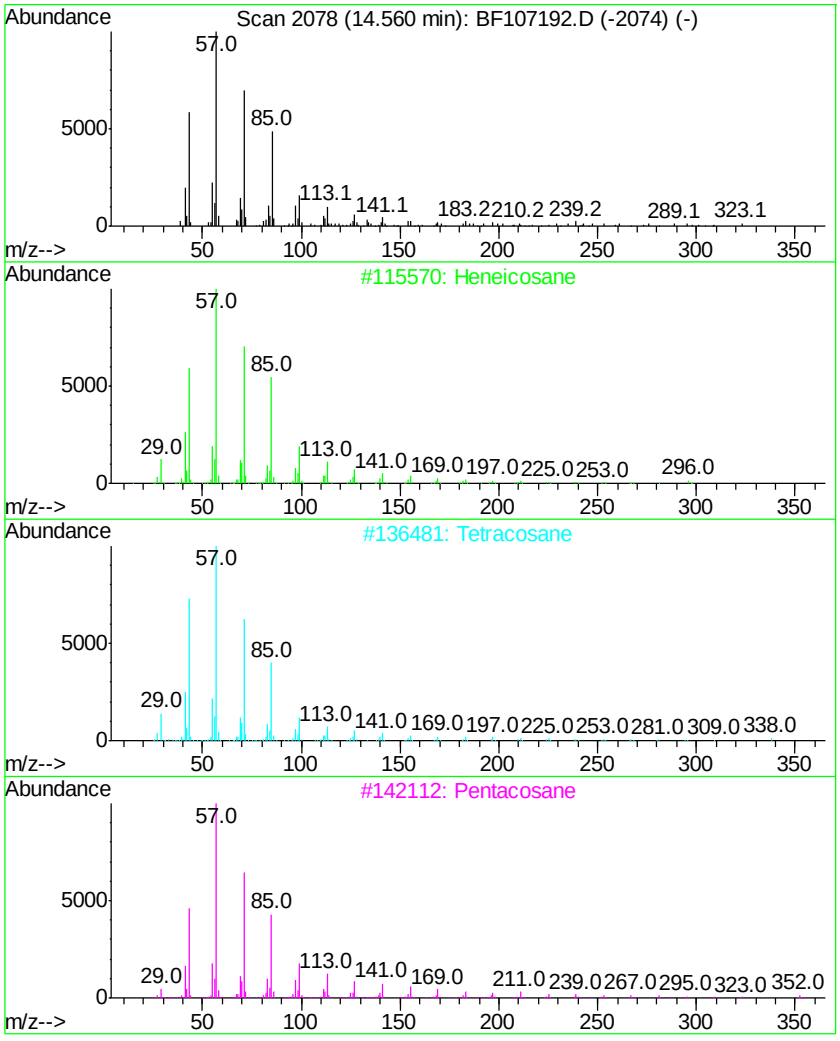
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

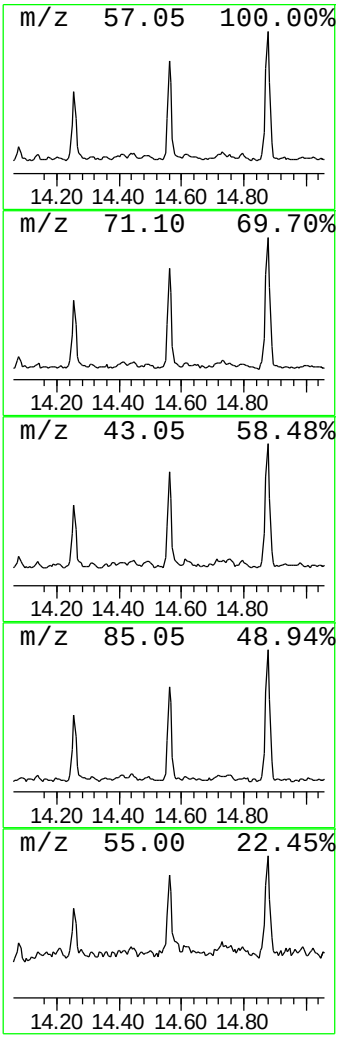
****

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	6.67 ng	160115	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane	338	C24H50	000646-31-1	86
3	Pentacosane	352	C25H52	000629-99-2	86
4	Triacontane	422	C30H62	000638-68-6	86
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107192.D
Acq On : 6 Jul 2018 23:54
Operator : JU/SJ
Sample : J3843-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT20426

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propenoic acid	3.40	28.9	ng	455731	1	6.94	315974	20.0
2-Pentanone, 4-hy...	5.19	13.3	ng	210402	1	6.94	315974	20.0
Mequinol	8.34	110.4	ng	2037860	2	8.22	369291	20.0
unknown10.84	10.84	10.5	ng	175268	4	11.48	332898	20.0
Heptadecane	13.61	6.2	ng	147790	5	14.13	480298	20.0
Hexadecane	13.94	4.7	ng	113109	5	14.13	480298	20.0
3,6,9,12-Tetraoxa...	14.01	3.5	ng	85179	5	14.13	480298	20.0
Eicosane	14.25	6.3	ng	151872	5	14.13	480298	20.0
Heneicosane	14.56	6.7	ng	160115	5	14.13	480298	20.0