LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

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-BF012519.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	2.116	3	5	13	rVB	106407	132619	4.56%	0.529%
2	5.057	502	505	520	rVB	87359	125854	4.32%	0.502%
3	5.475	572	576	595	rBV	2523228	2570132	88.32%	10.243%
4	6.487	744	748	765	rBV	2544181	2710190	93.14%	10.801%
5	6.610	765	769	782	rVB	2895749	2874547	98.78%	11.456%
6	6.834	804	807	815	rBV	777562	653439	22.46%	2.604%
7	6.992	830	834	837	rBV	2519929	2193751	75.39%	8.743%
8	7.398	899	903	919	rBV	1733767	1643614	56.48%	6.550%
9	8.116	1021	1025	1041	rBV	844958	788387	27.09%	3.142%
10	9.192	1203	1208	1218	rBV	2902381	2909922	100.00%	11.597%
11	9.581	1271	1274	1286	rBV	161287	177003	6.08%	0.705%
12	9.869	1320	1323	1335	rVB	761717	774928	26.63%	3.088%
13	10.663	1455	1458	1473	rBV	1435609	1532083	52.65%	6.106%
14	11.363	1573	1577	1587	rBV	697554	703496	24.18%	2.804%
15	11.880	1659	1665	1674	rBV3	134477	175667	6.04%	0.700%
16	12.580	1781	1784	1789	rBV	78760	81008	2.78%	0.323%
17	12.669	1796	1799	1805	rBV5	23536	35927	1.23%	0.143%
18	12.810	1817	1823	1829	rBV	74643	97621	3.35%	0.389%
19	12.939	1841	1845	1849	rBV	2479529	2377124	81.69%	9.473%
20	13.827	1993	1996	2005	rBV2	194934	281131	9.66%	1.120%
21	14.004	2022	2026	2030	rBV	702899	795867	27.35%	3.172%
22	14.145	2048	2050	2054	rBV	60539	60113	2.07%	0.240%
23	14.451	2099	2102	2105	rBV	118725	109470	3.76%	0.436%
24	14.757	2151	2154	2157	rVB	161917	149829	5.15%	0.597%
25	14.827	2163	2166	2171	rBV	82680	109920	3.78%	0.438%
26	15.086	2207	2210	2215	rVB	181721	203808	7.00%	0.812%
27	15.486	2271	2278	2287	rVB2	360145	661019	22.72%	2.634%
28	15.892	2344	2347	2352	rVB	113598	164192	5.64%	0.654%

Sum of corrected areas: 25092661

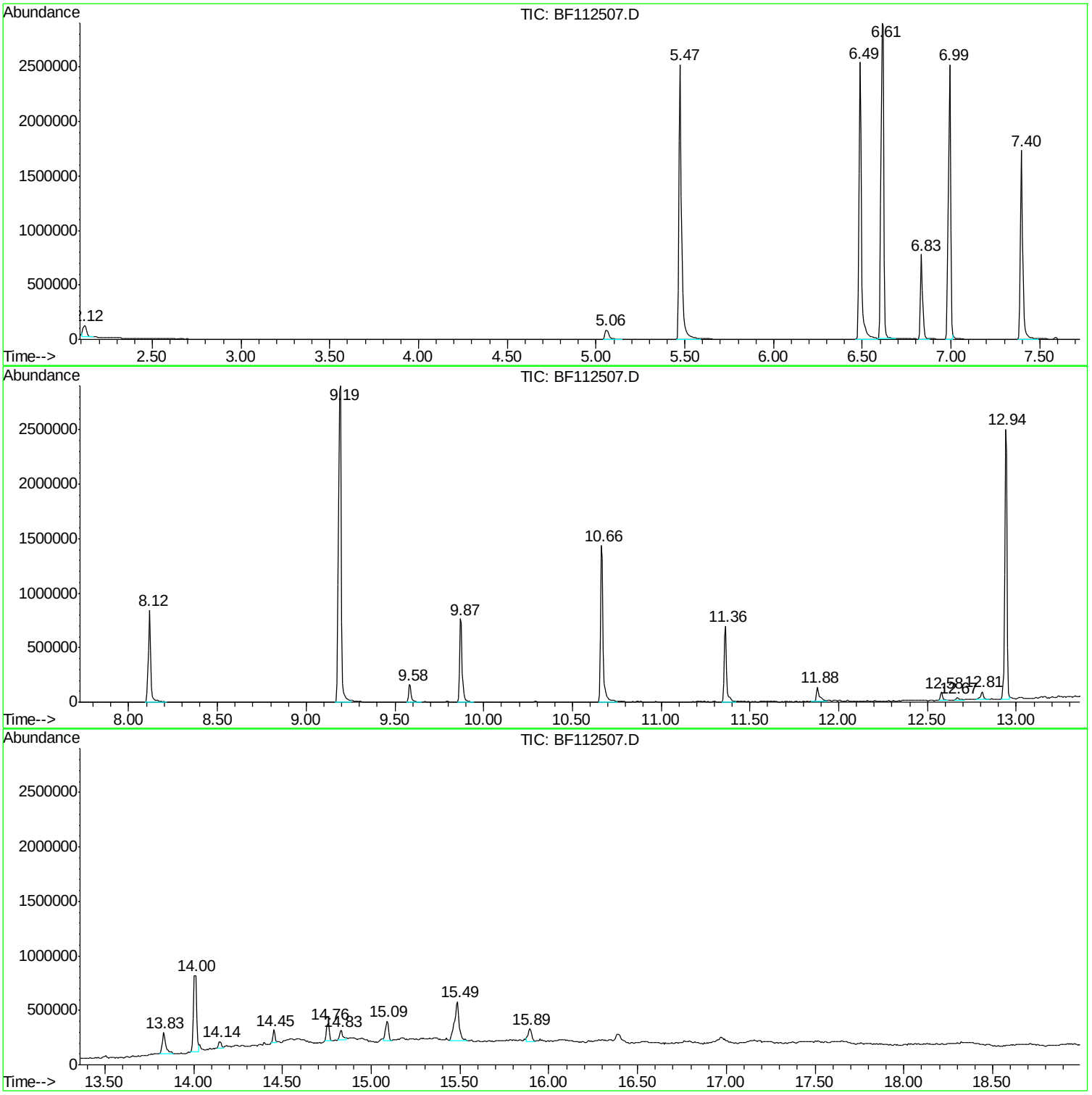
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

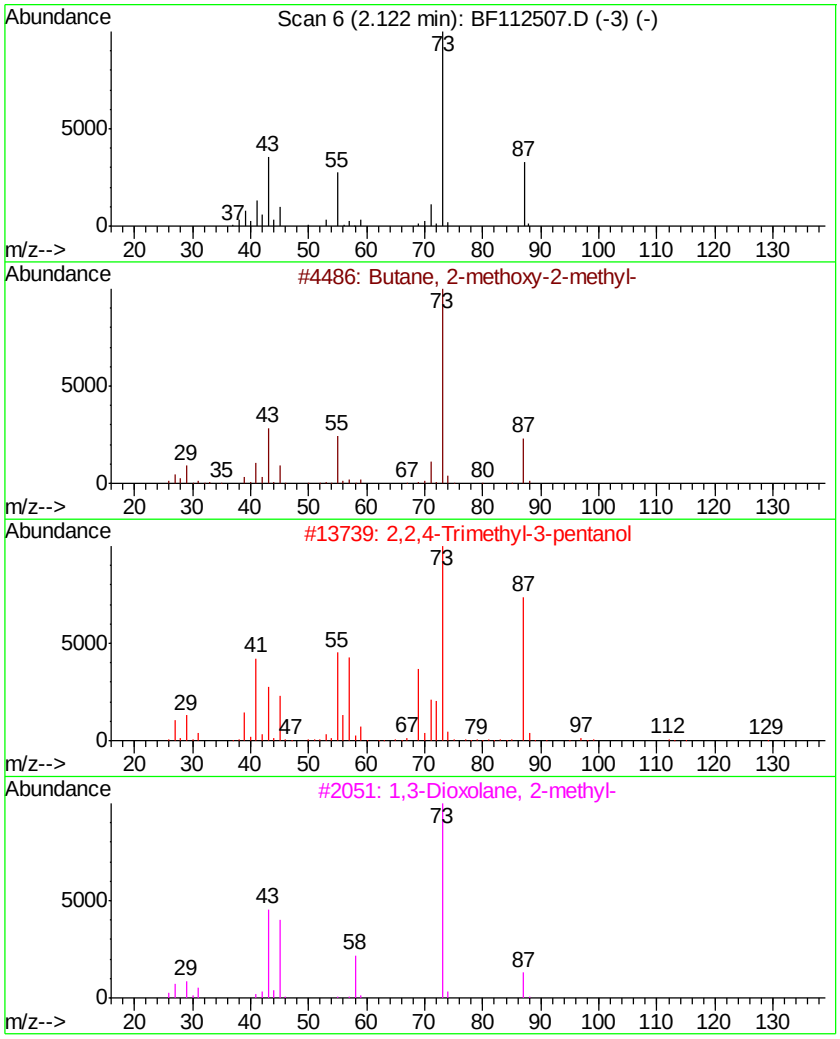
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

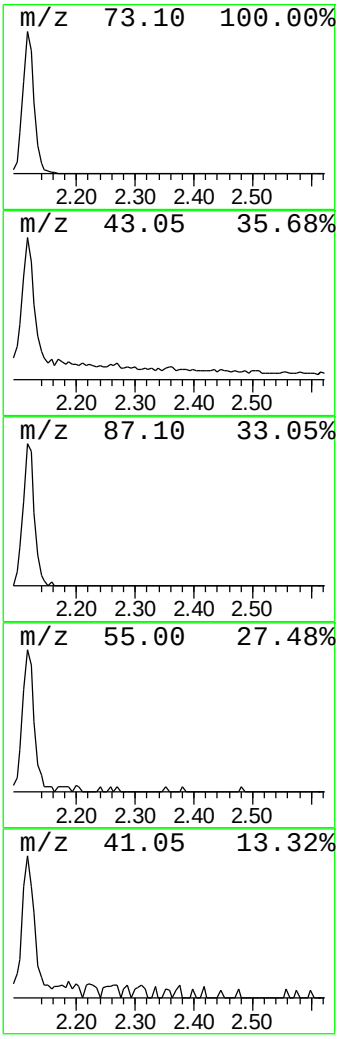
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	4.06 ng	132619	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

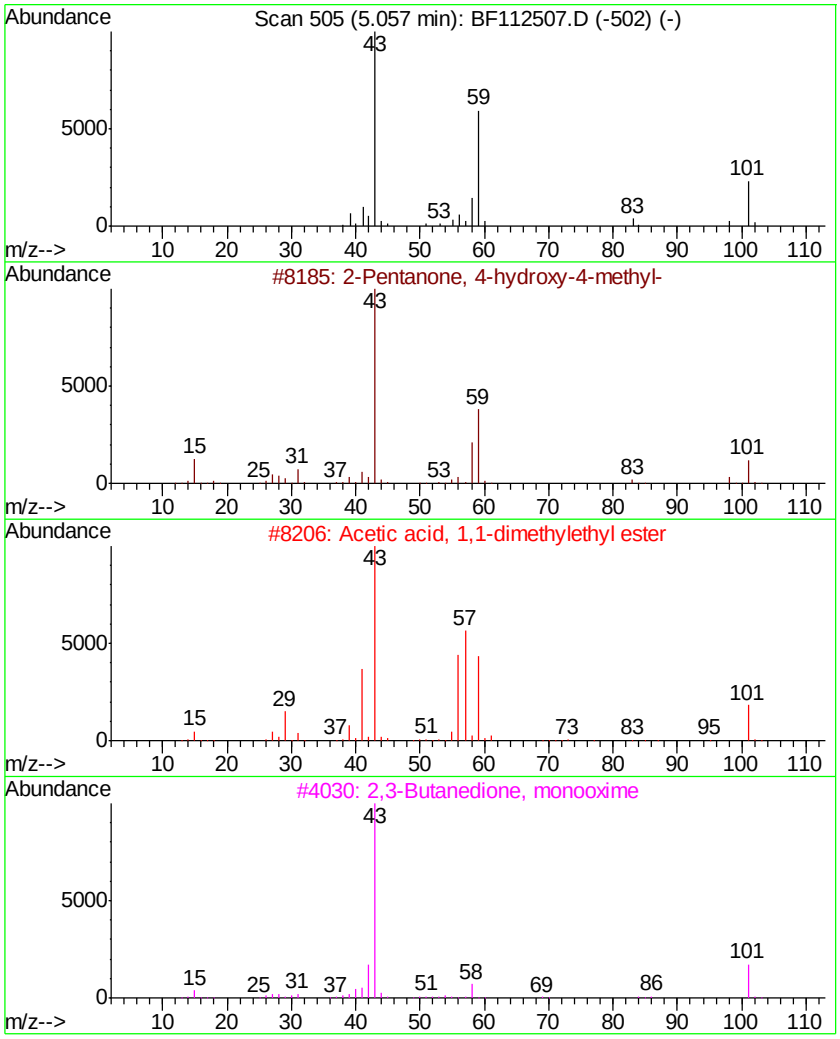
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

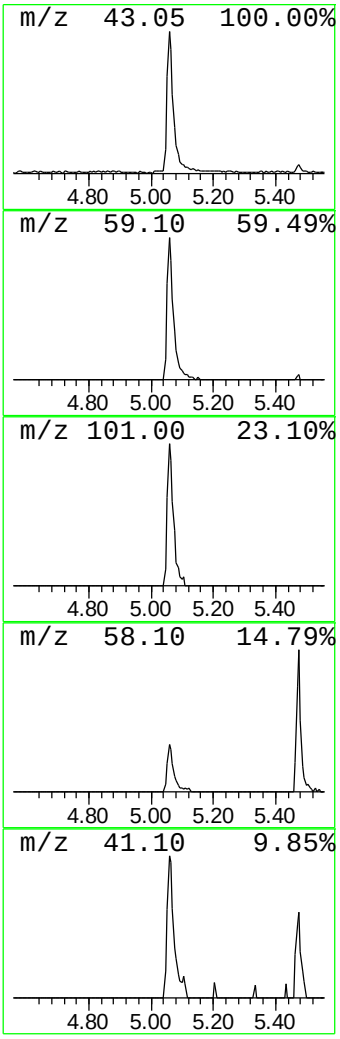
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.85 ng	125854	1,4-Dichlorobenzene-d4	6.83

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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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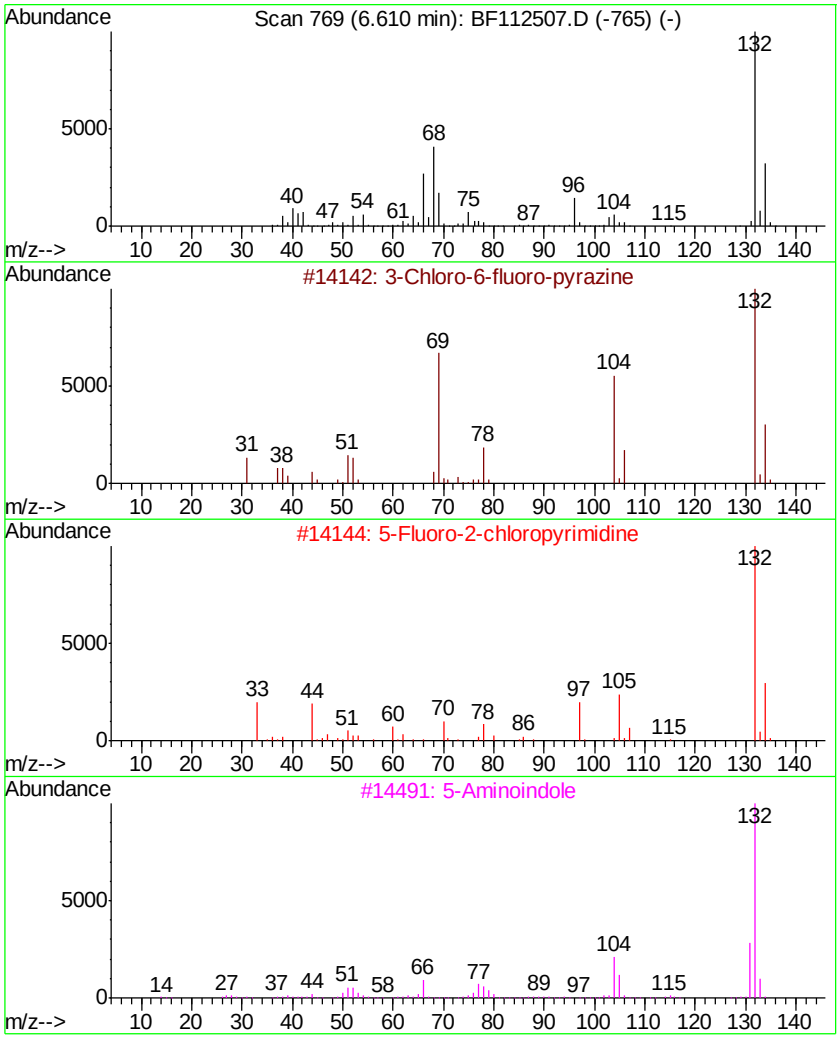
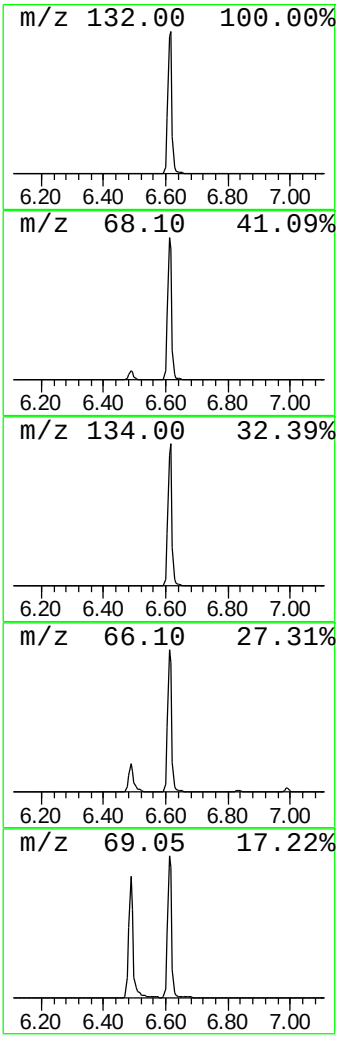
Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	87.98 ng	2874550	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

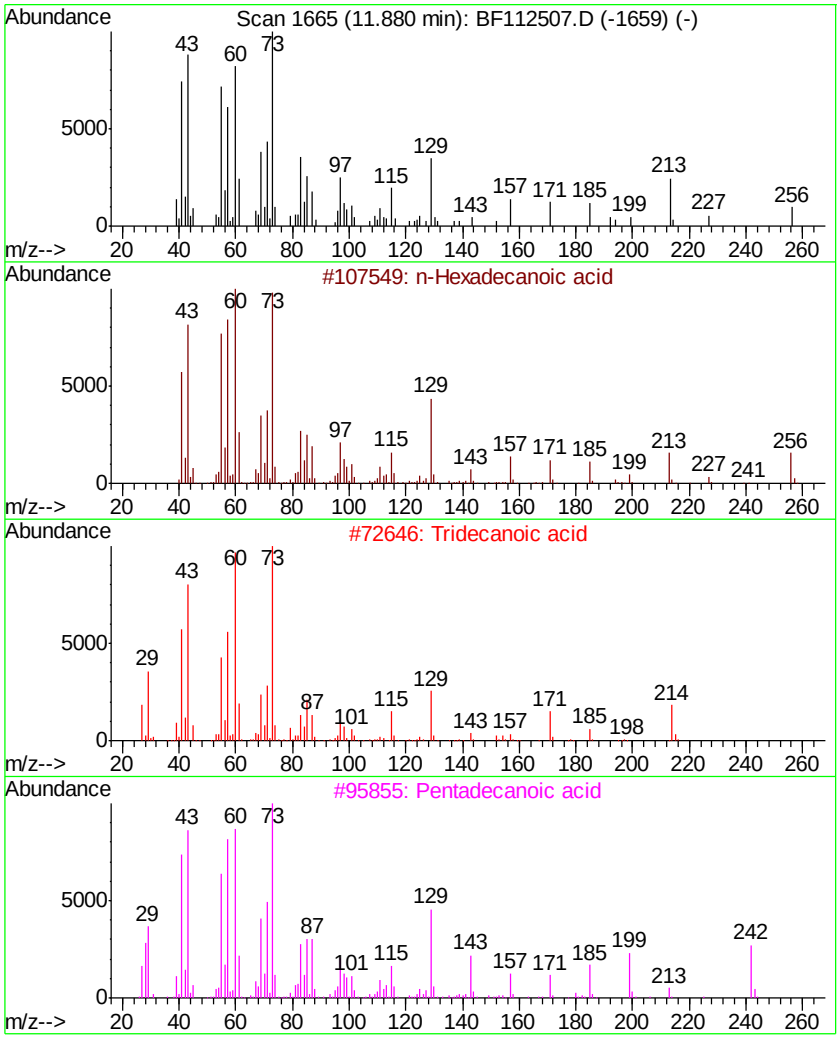
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

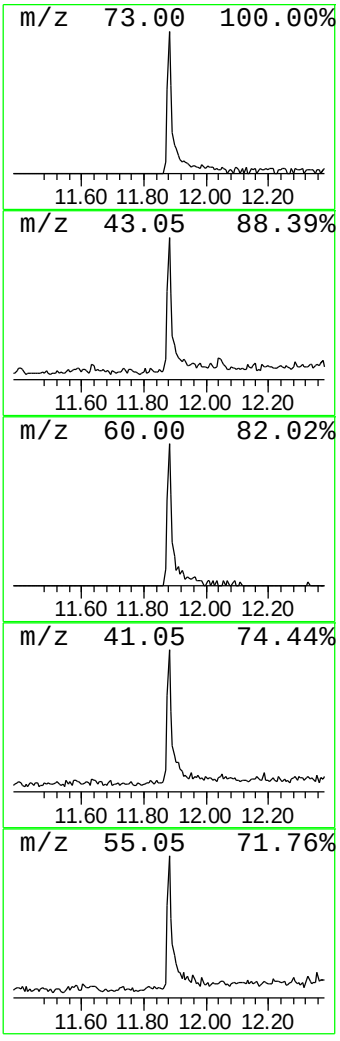
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.99 ng	175667	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

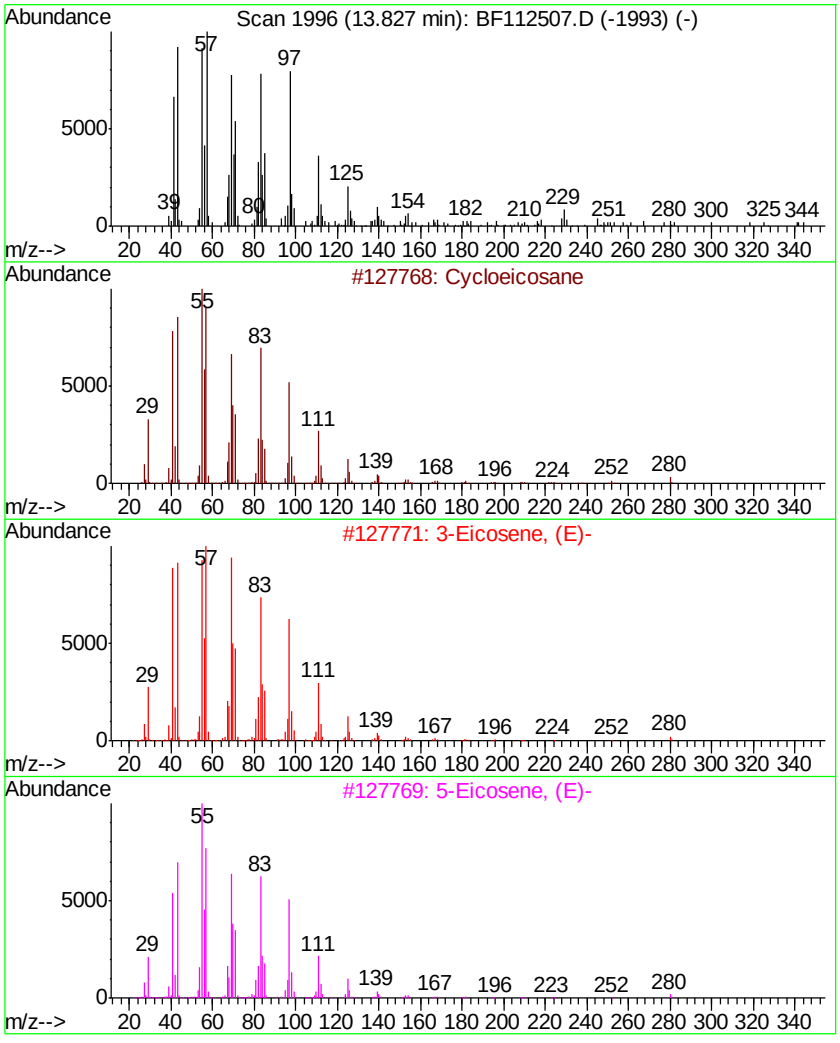
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

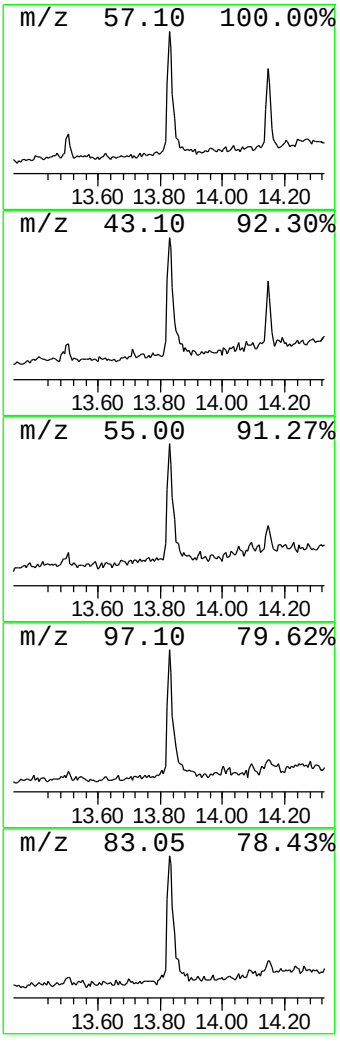
****

Peak Number 7 Cycloeicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.06 ng	281131	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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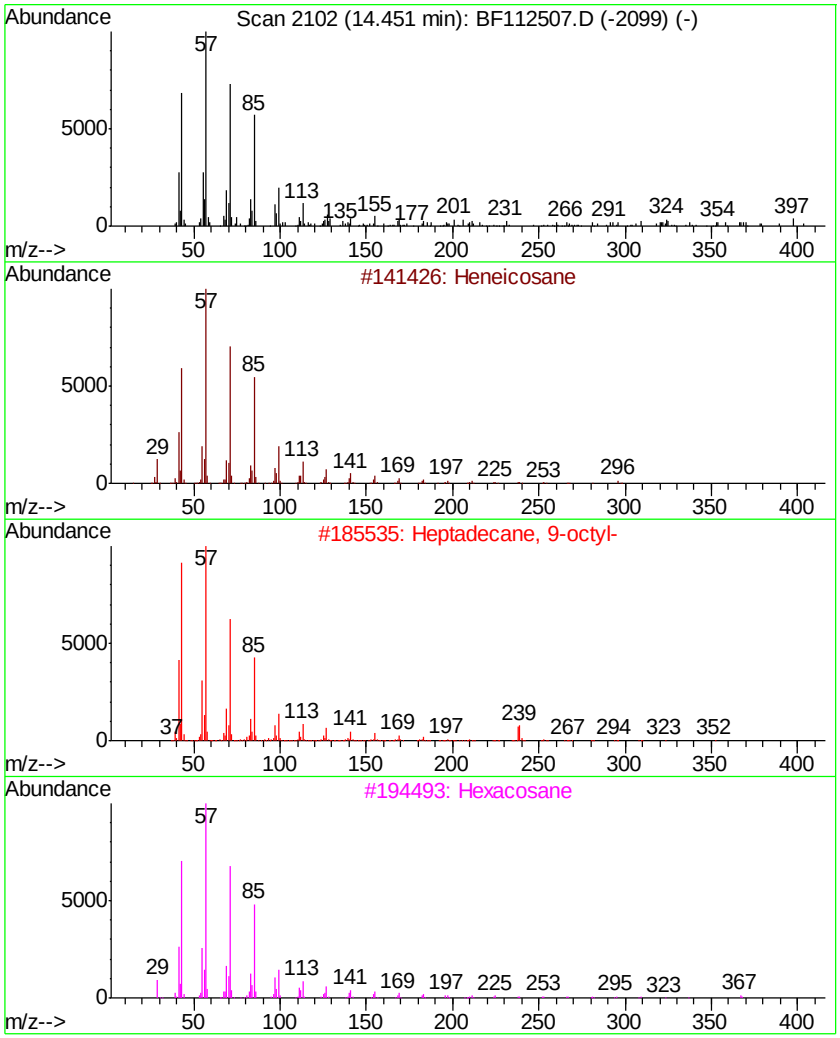
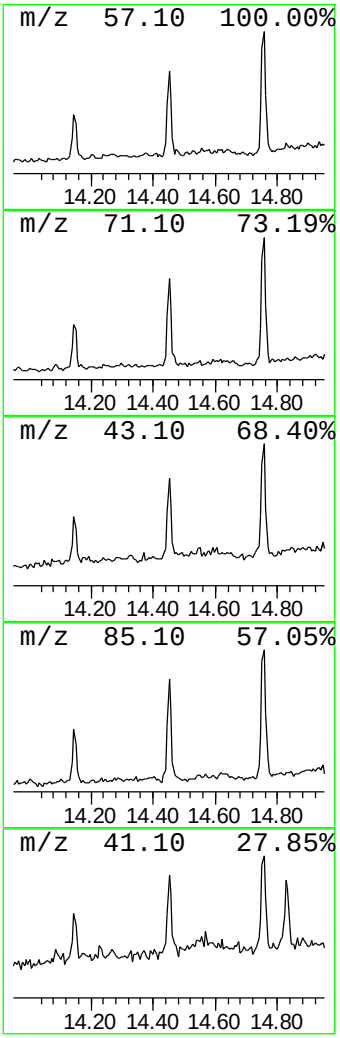
Peak Number 8 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.75 ng	109470	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane	240	C17H36	000629-78-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

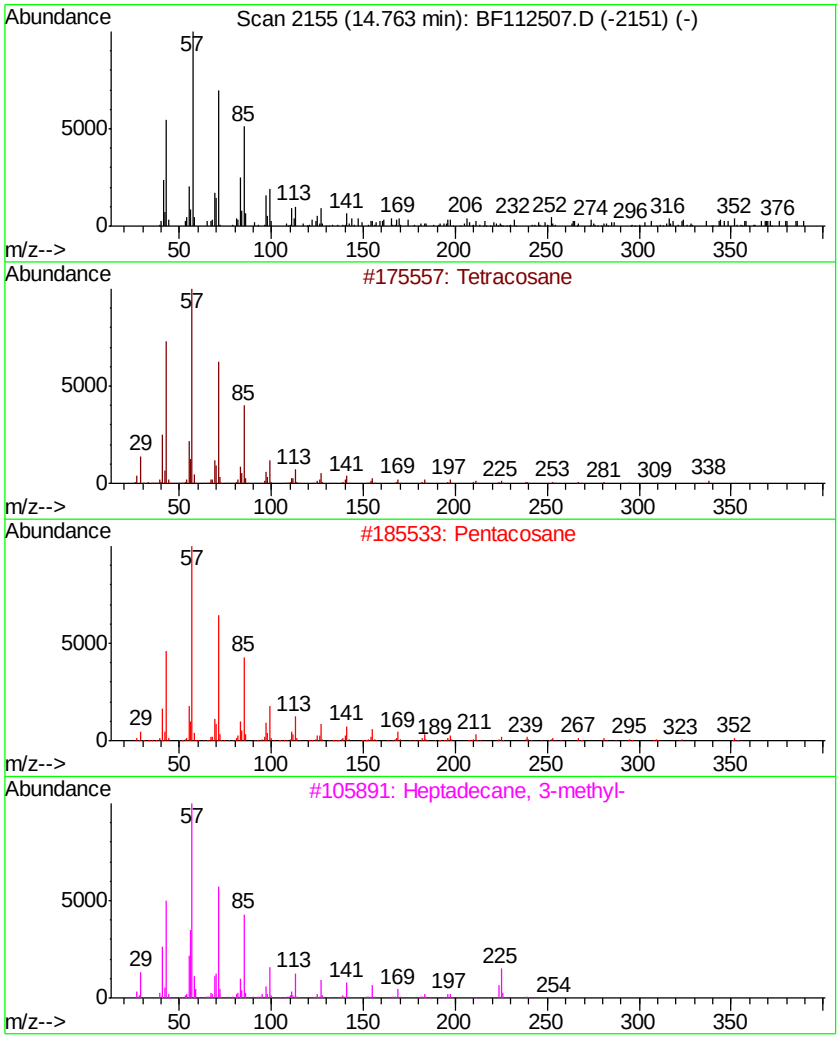
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

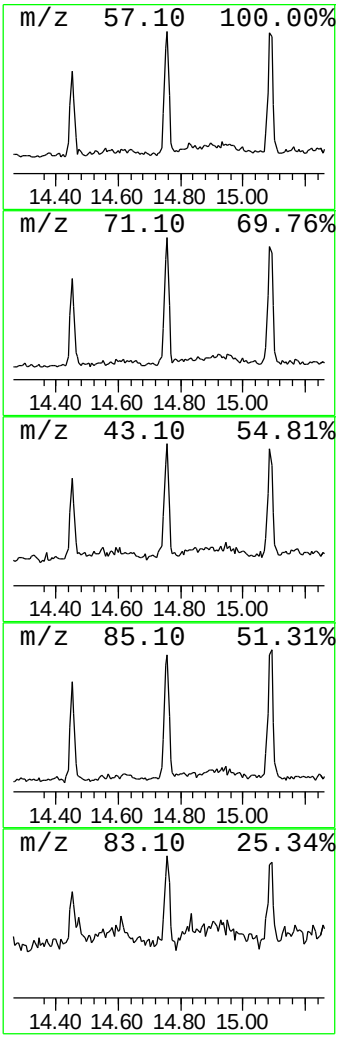
****

Peak Number 9 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.53 ng	149829	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Pentacosane	352	C25H52	000629-99-2	93
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
4	Hentriacontane	437	C31H64	000630-04-6	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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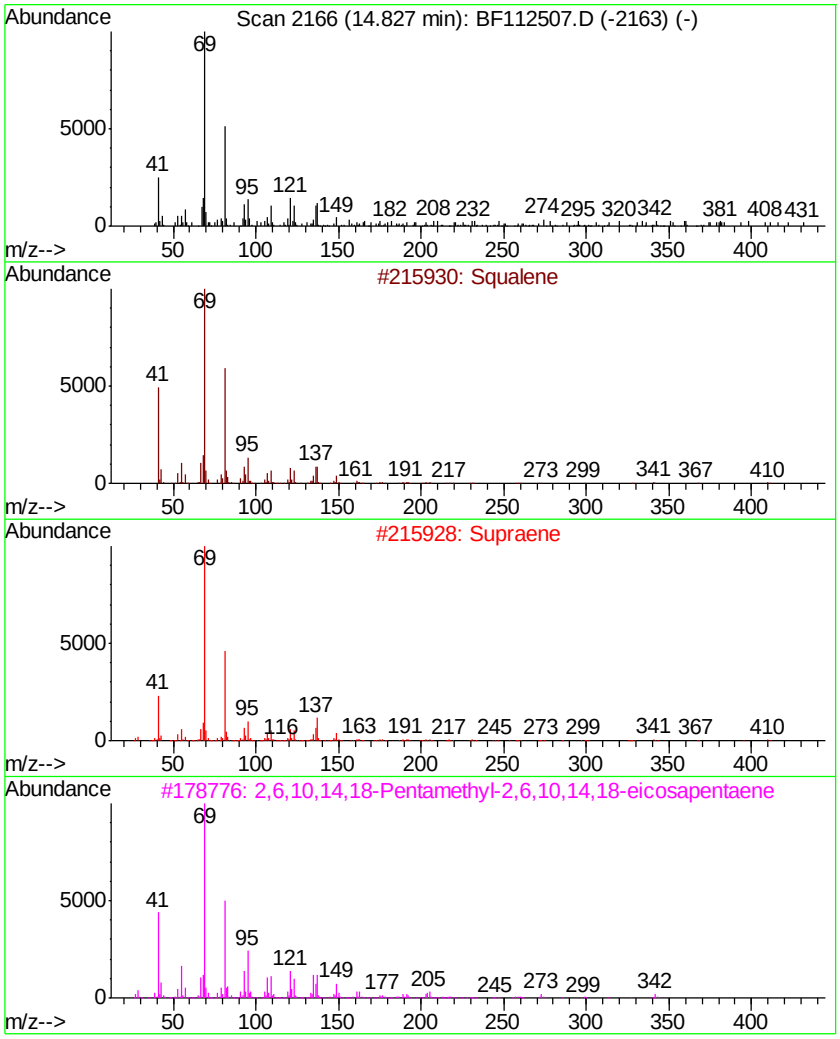
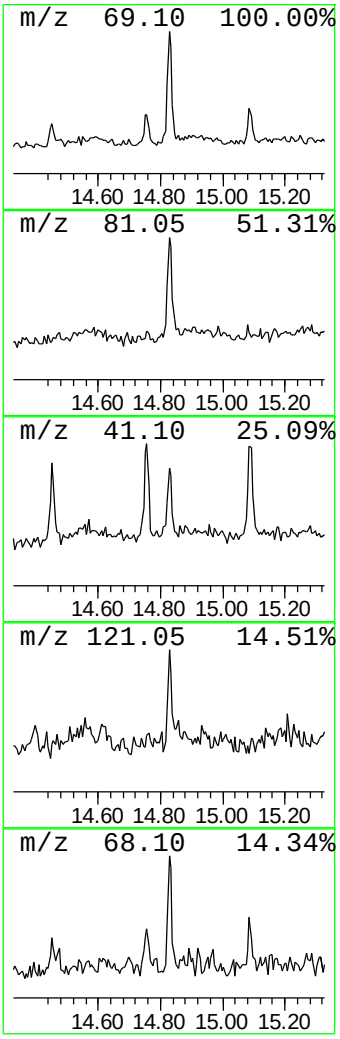
Peak Number 10 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	3.33 ng	109920	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	Supraene	410	C30H50	007683-64-9	80
3	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	74
4	.beta.-D-Mannofuranoside, farnesyl-	384	C21H36O6	1000155-15-5	72
5	Farnesol isomer a	222	C15H26O	1000108-92-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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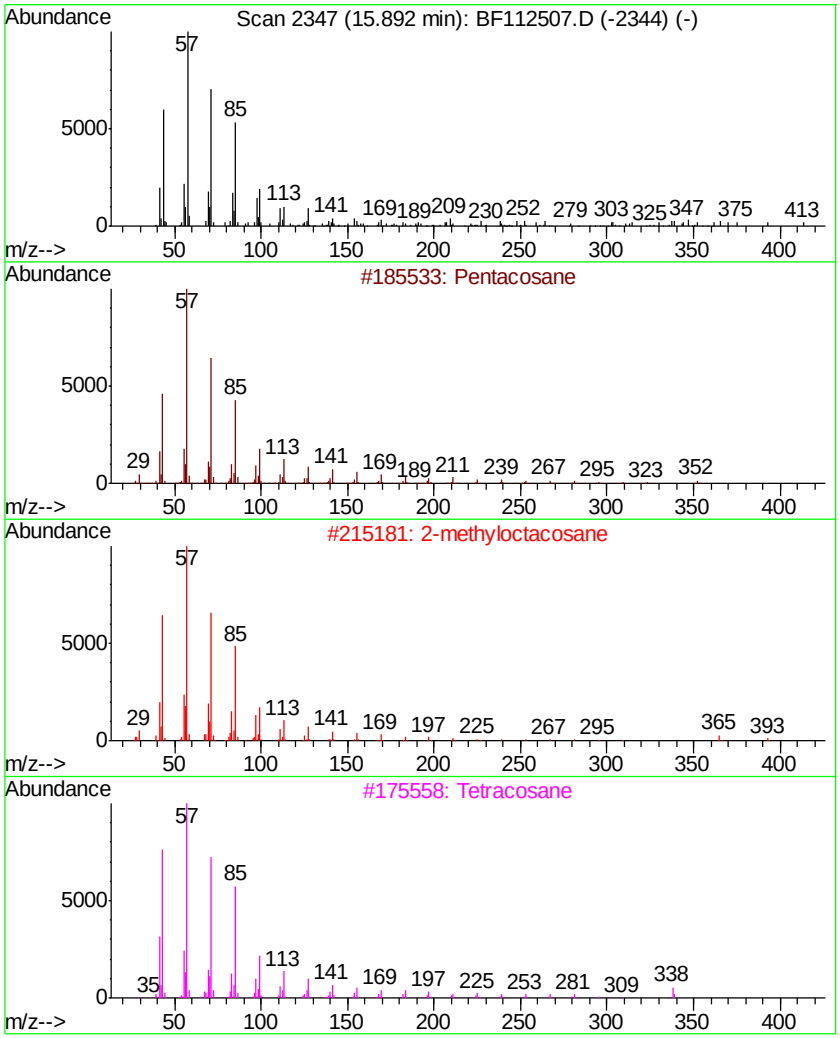
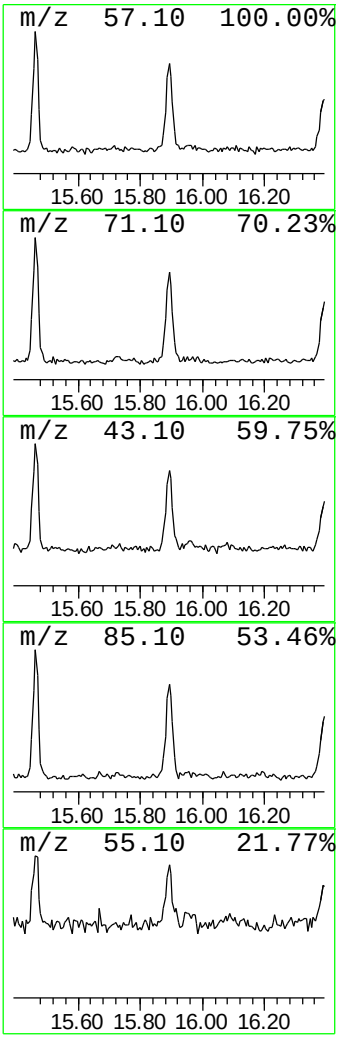
Peak Number 12 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	4.97 ng	164192	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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...	2.12	4.1	ng	132619	1	6.83	653439	20.0
2-Pentanone, 4-hy...	5.06	3.9	ng	125854	1	6.83	653439	20.0
unknown6.61	6.61	88.0	ng	2874550	1	6.83	653439	20.0
n-Hexadecanoic acid	11.88	5.0	ng	175667	4	11.36	703496	20.0
Cycloeicosane	13.83	7.1	ng	281131	5	14.01	795867	20.0
Heneicosane	14.45	2.8	ng	109470	5	14.01	795867	20.0
Tetracosane	14.76	4.5	ng	149829	6	15.49	661019	20.0
Squalene	14.83	3.3	ng	109920	6	15.49	661019	20.0
Pentacosane	15.89	5.0	ng	164192	6	15.49	661019	20.0