LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112508.D
Acq On : 12 Feb 2019 13:24
Operator : JU/SJ
Sample : K1462-23
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-D

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	2.128	3	7	15	rVB	111345	151401	4.48%	0.542%
2	5.063	502	506	522	rBV	99275	151794	4.49%	0.543%
3	5.475	572	576	604	rBV	2960481	2958309	87.56%	10.584%
4	6.487	744	748	765	rBV	2836907	3257313	96.41%	11.653%
5	6.610	765	769	786	rVB	3271592	3286000	97.26%	11.756%
6	6.834	803	807	816	rBV	821104	697430	20.64%	2.495%
7	6.992	830	834	837	rBV	2822408	2493524	73.81%	8.921%
8	7.398	899	903	921	rBV	1951706	1903776	56.35%	6.811%
9	8.116	1021	1025	1040	rBV	903511	852362	25.23%	3.049%
10	9.192	1203	1208	1219	rBV	3452561	3378521	100.00%	12.087%
11	9.580	1271	1274	1286	rVB	195841	199976	5.92%	0.715%
12	9.869	1319	1323	1336	rBV	896337	872516	25.83%	3.121%
13	10.663	1454	1458	1474	rBV	1761736	1879174	55.62%	6.723%
14	11.363	1573	1577	1584	rBV	790263	788986	23.35%	2.823%
15	11.880	1661	1665	1675	rBV2	69618	98246	2.91%	0.351%
16	12.810	1818	1823	1828	rBV	30015	35049	1.04%	0.125%
17	12.939	1841	1845	1849	rBV	2908743	2728648	80.76%	9.762%
18	13.498	1937	1940	1946	rBV5	27129	35857	1.06%	0.128%
19	13.827	1993	1996	2006	rBV	144840	206030	6.10%	0.737%
20	14.004	2022	2026	2033	rBV	722177	810647	23.99%	2.900%
21	14.145	2048	2050	2053	rBV	47768	42682	1.26%	0.153%
22	14.451	2099	2102	2105	rBV	94153	96710	2.86%	0.346%
23	14.751	2150	2153	2156	rBV2	94596	100438	2.97%	0.359%
24	14.827	2164	2166	2170	rVB	48300	39750	1.18%	0.142%
25	15.086	2207	2210	2215	rVB	123291	131117	3.88%	0.469%
26	15.480	2270	2277	2285	rBV	361457	648437	19.19%	2.320%
27	15.892	2343	2347	2351	rVB	73292	107295	3.18%	0.384%

Sum of corrected areas: 27951988

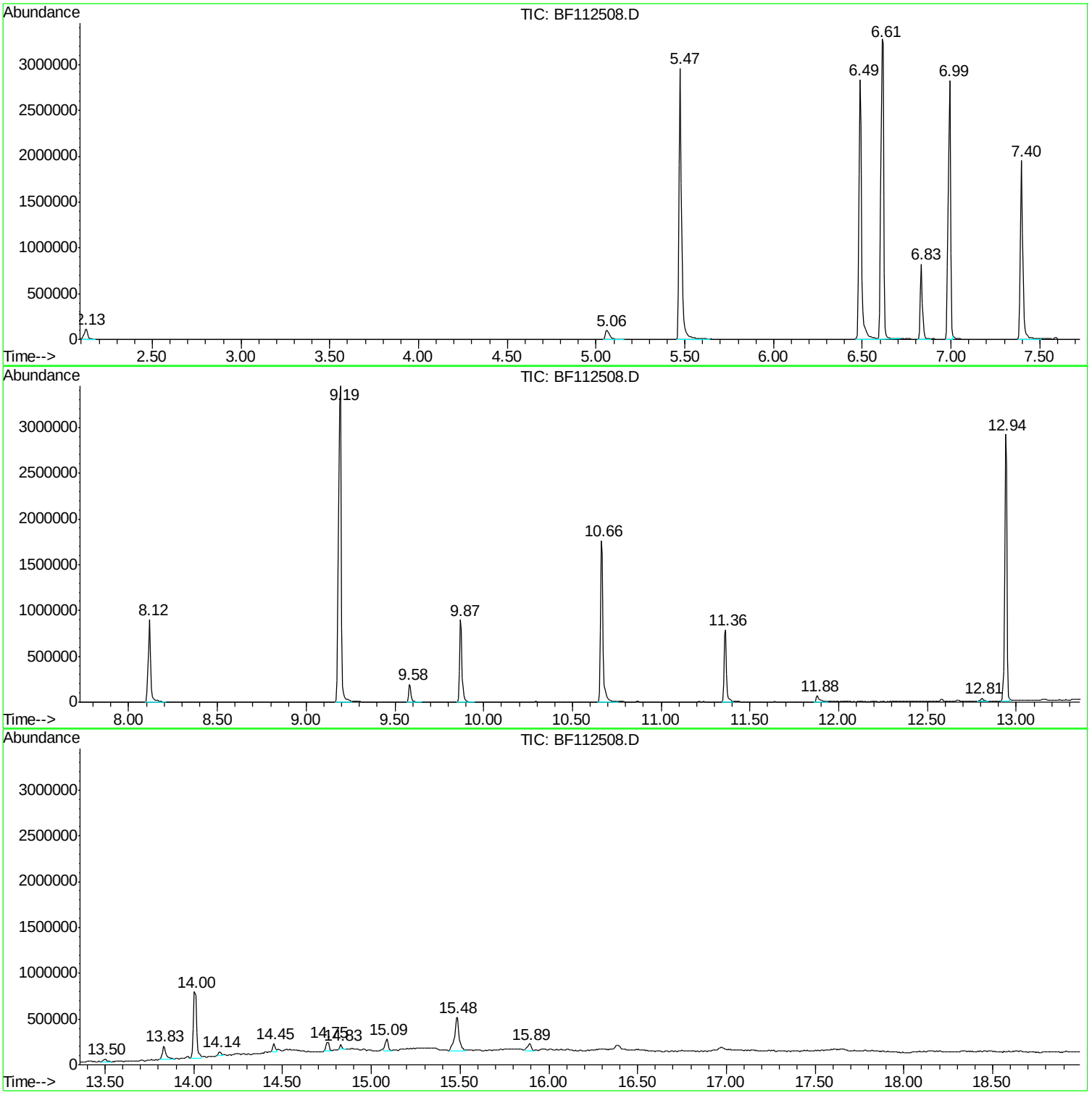
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112508.D
Acq On : 12 Feb 2019 13:24
Operator : JU/SJ
Sample : K1462-23
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-D

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 : BF112508.D
Acq On : 12 Feb 2019 13:24
Operator : JU/SJ
Sample : K1462-23
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-D

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

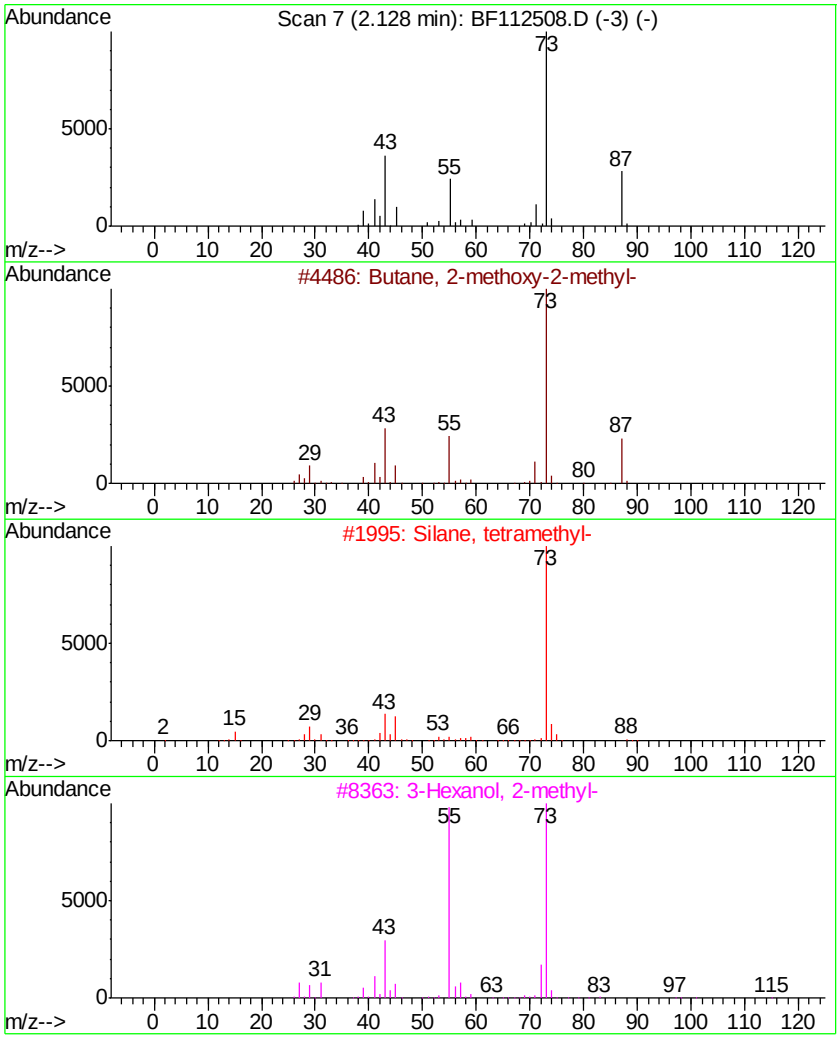
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

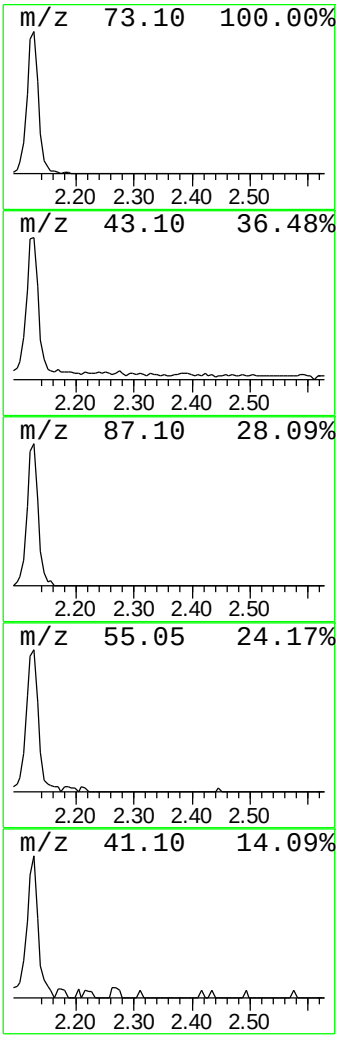
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	4.34 ng	151401	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	12
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112508.D
Acq On : 12 Feb 2019 13:24
Operator : JU/SJ
Sample : K1462-23
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-D

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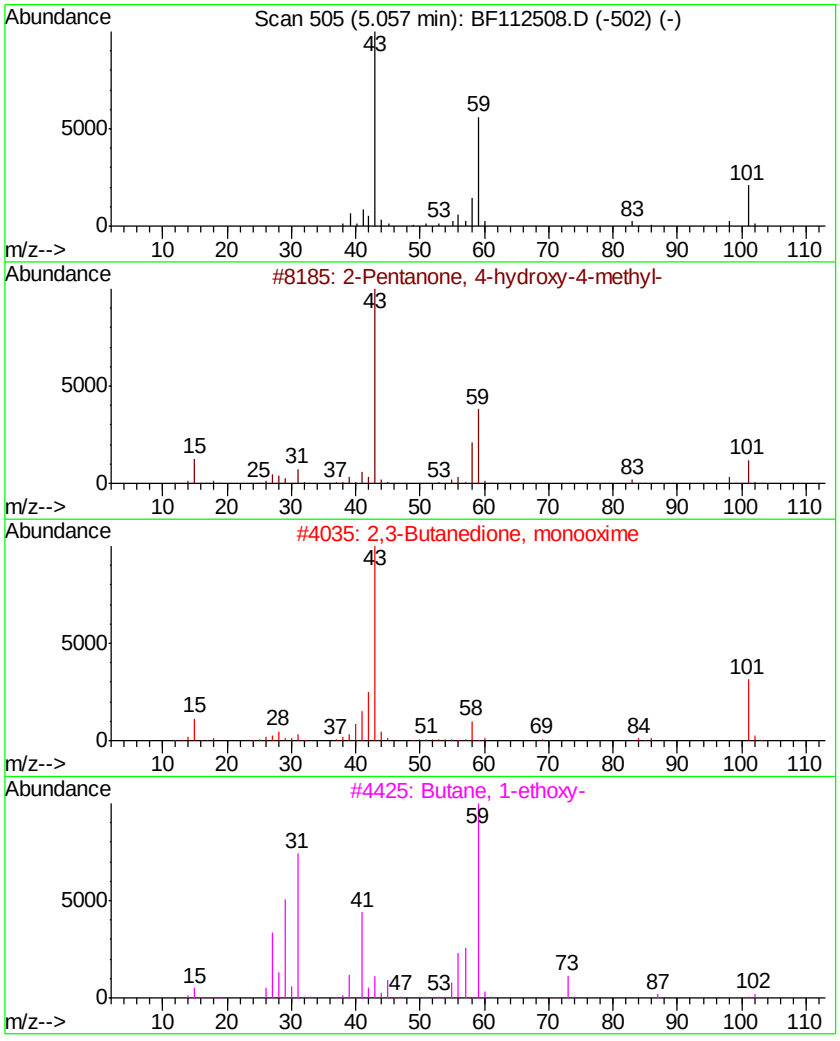
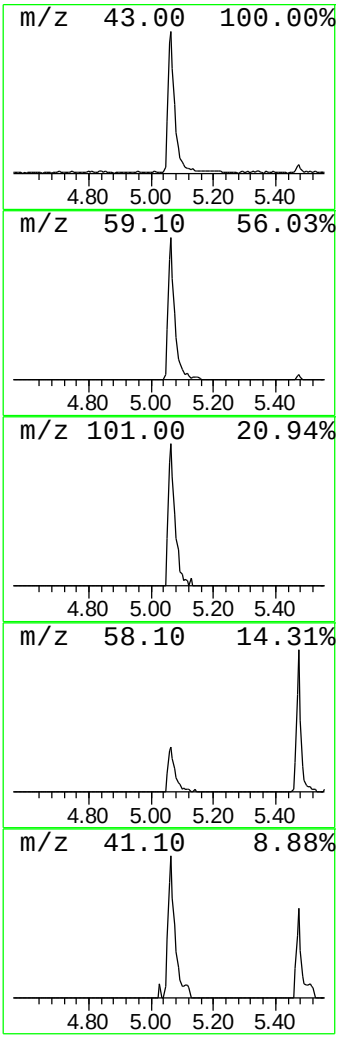
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	4.35 ng	151794	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	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112508.D
Acq On : 12 Feb 2019 13:24
Operator : JU/SJ
Sample : K1462-23
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-D

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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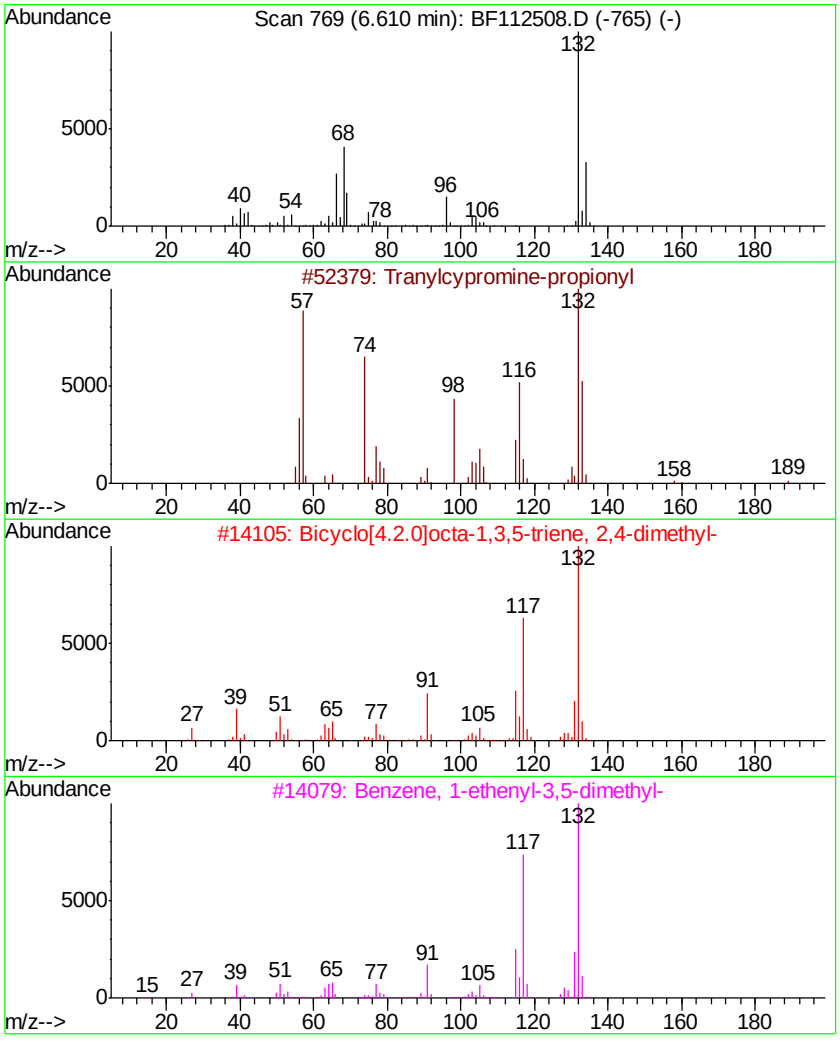
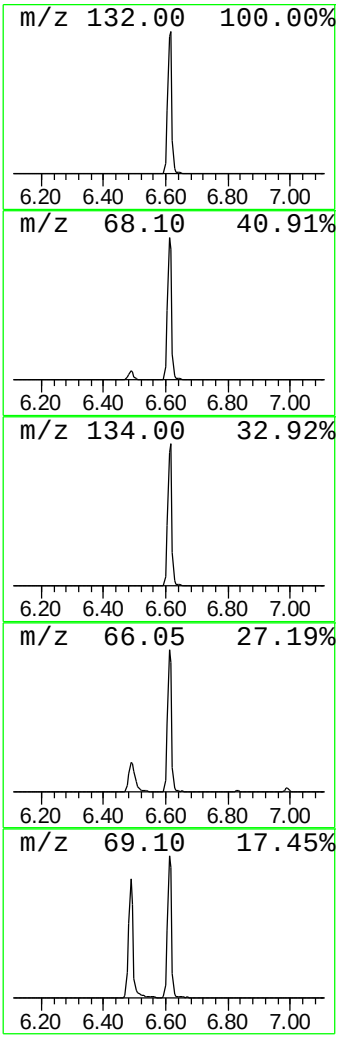
Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	94.23 ng	3286000	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112508.D
Acq On : 12 Feb 2019 13:24
Operator : JU/SJ
Sample : K1462-23
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-D

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
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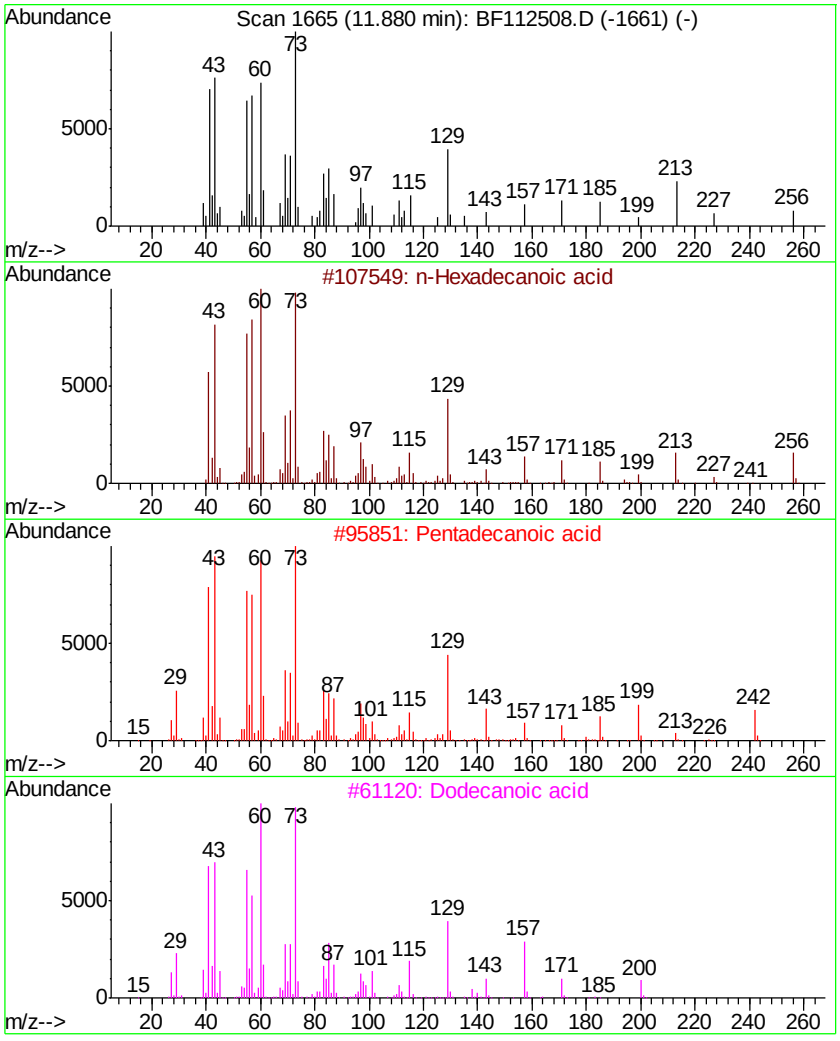
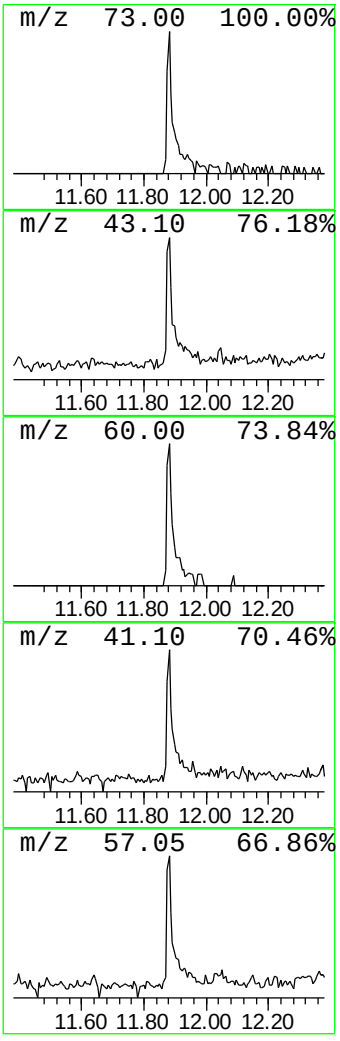
Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.49 ng	98246	Phenanthrene-d10	11.36

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	81
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112508.D
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Operator : JU/SJ
Sample : K1462-23
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-D

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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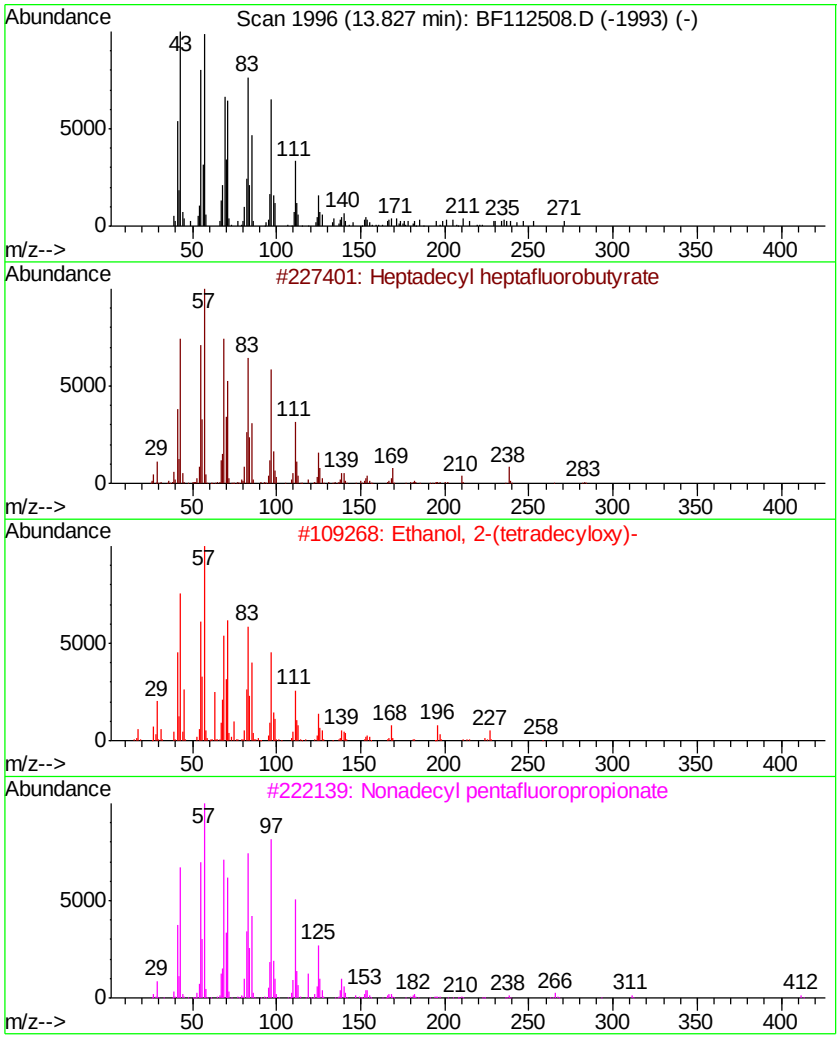
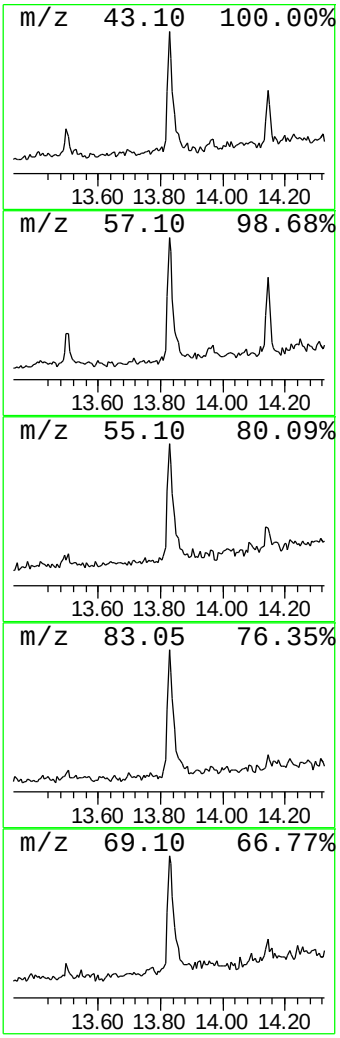
Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.08 ng	206030	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-3-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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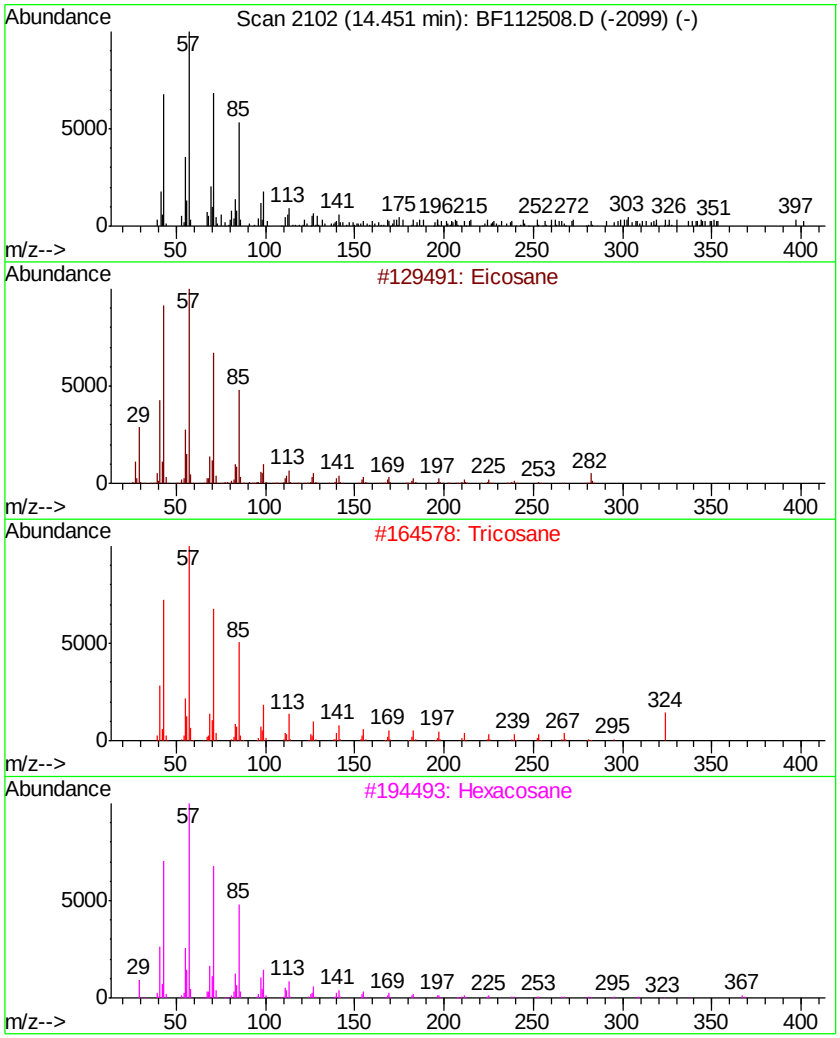
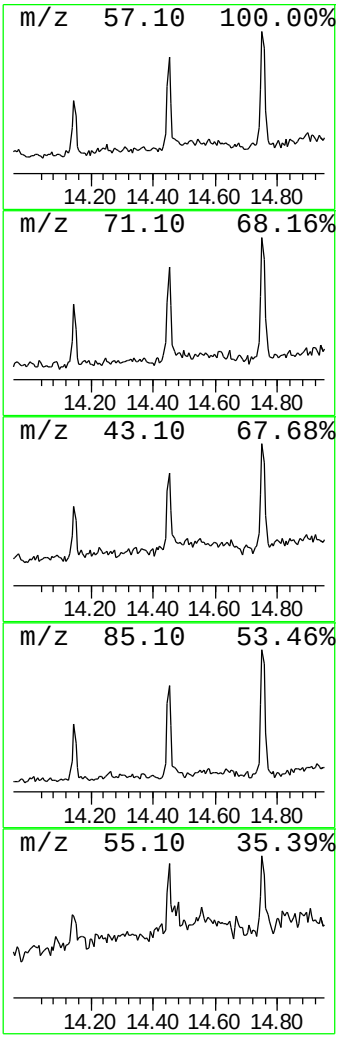
Peak Number 7 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.39 ng	96710	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Tricosane	324	C23H48	000638-67-5	86
3	Hexacosane	366	C26H54	000630-01-3	70
4	Tetracosane	338	C24H50	000646-31-1	70
5	Pentacosane	352	C25H52	000629-99-2	62





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-3-D

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

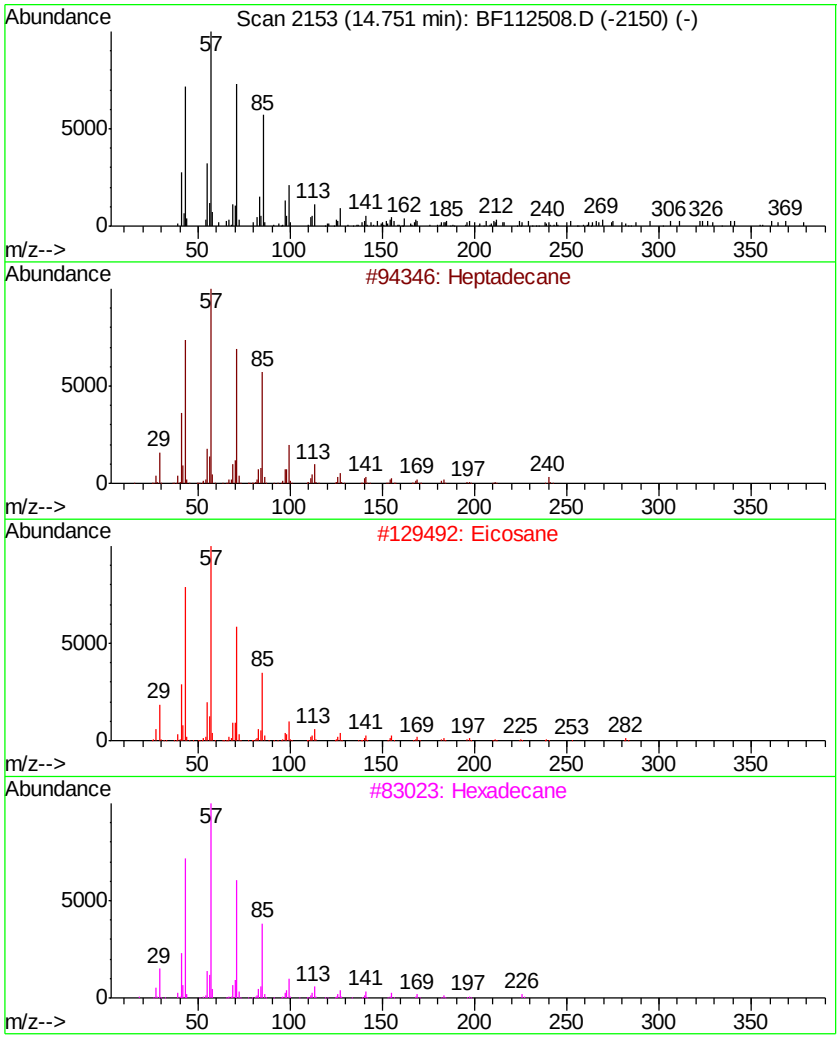
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

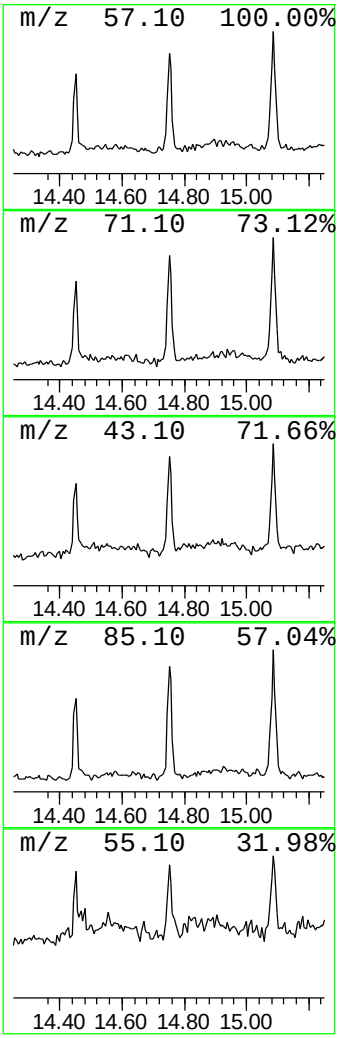
****

Peak Number 8 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	3.10 ng	100438	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Eicosane	282	C20H42	000112-95-8	92
3	Hexadecane	226	C16H34	000544-76-3	92
4	Heneicosane	296	C21H44	000629-94-7	91
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-3-D

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

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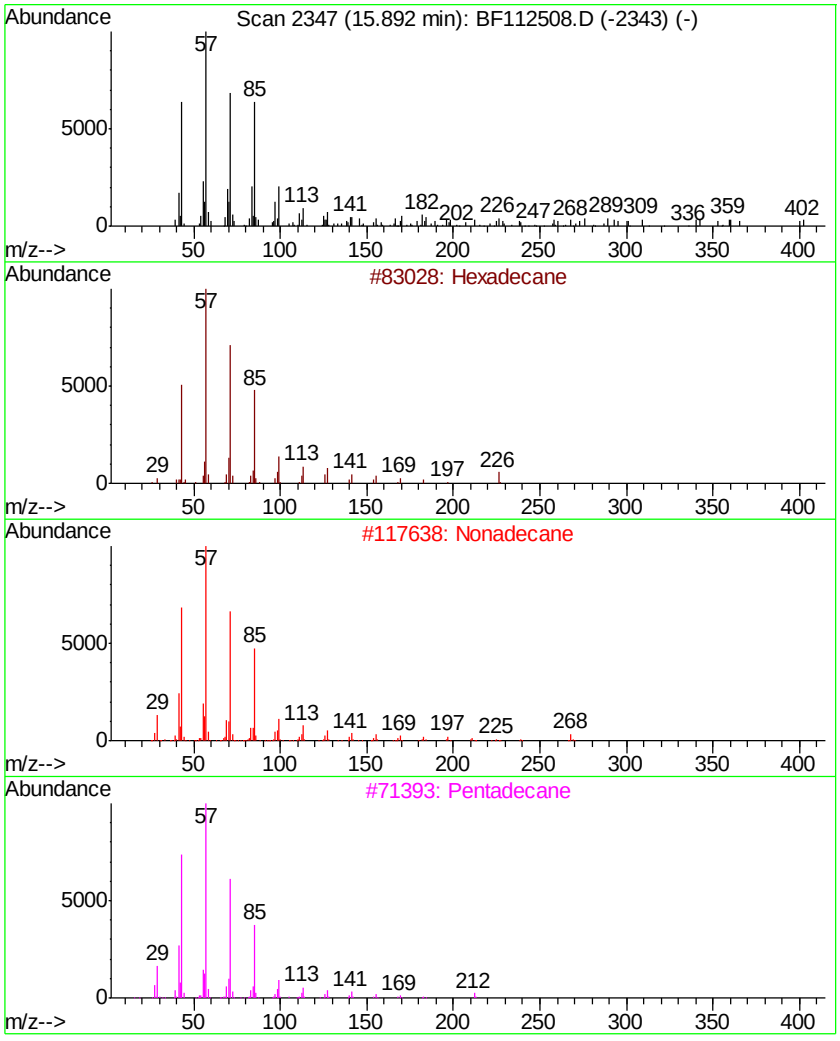
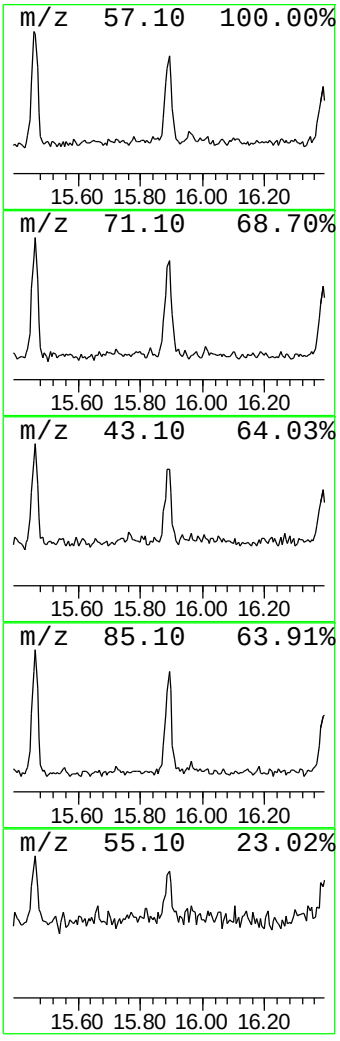
Peak Number 10 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	3.31 ng	107295	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Nonadecane	268	C19H40	000629-92-5	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	2-methyloctacosane	408	C29H60	1000376-72-8	76
5	Heneicosane	296	C21H44	000629-94-7	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
Data File : BF112508.D
Acq On : 12 Feb 2019 13:24
Operator : JU/SJ
Sample : K1462-23
Misc :
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Instrument : BNA_F
ClientSampleId : TP-3-D

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...	2.13	4.3	ng	151401	1	6.83	697430	20.0
2-Pentanone, 4-hy...	5.06	4.3	ng	151794	1	6.83	697430	20.0
unknown6.61	6.61	94.2	ng	3286000	1	6.83	697430	20.0
n-Hexadecanoic acid	11.88	2.5	ng	98246	4	11.36	788986	20.0
Heptadecyl heptaf...	13.83	5.1	ng	206030	5	14.00	810647	20.0
Eicosane	14.45	2.4	ng	96710	5	14.00	810647	20.0
Heptadecane	14.75	3.1	ng	100438	6	15.49	648437	20.0
Hexadecane	15.89	3.3	ng	107295	6	15.49	648437	20.0