LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117199.D
Acq On : 20 Sep 2019 21:24
Operator : HP/JU
Sample : K4662-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091819

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-BF091319.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	2.893	131	137	144	rBV	44403	59215	3.16%	0.467%
2	4.457	399	403	412	rBV	96681	122075	6.52%	0.962%
3	5.069	503	507	522	rVB2	113323	208275	11.13%	1.642%
4	5.469	570	575	578	rBV	1139370	1097968	58.67%	8.655%
5	6.463	739	744	747	rBV	1008138	1040299	55.59%	8.200%
6	6.598	762	767	770	rBV	1566273	1408769	75.28%	11.105%
7	6.816	801	804	814	rBV	253486	232897	12.45%	1.836%
8	6.975	827	831	835	rBV	1074543	1036518	55.39%	8.170%
9	7.386	895	901	913	rBV	751943	862925	46.11%	6.802%
10	8.098	1018	1022	1043	rBV	282323	329669	17.62%	2.599%
11	9.175	1199	1205	1208	rBV	1762695	1724040	92.13%	13.590%
12	9.851	1315	1320	1335	rBV	348831	383015	20.47%	3.019%
13	10.645	1450	1455	1472	rBV	1117176	1164319	62.22%	9.178%
14	11.339	1569	1573	1590	rBV	316128	360335	19.26%	2.840%
15	11.868	1660	1663	1670	rBV	123531	119315	6.38%	0.941%
16	12.651	1793	1796	1806	rBV	67895	71697	3.83%	0.565%
17	12.927	1837	1843	1846	rBV	1908596	1871382	100.00%	14.751%
18	13.980	2018	2022	2036	rBV	195342	249627	13.34%	1.968%
19	14.733	2147	2150	2154	rVB	36496	32635	1.74%	0.257%
20	15.062	2201	2206	2212	rVB	42744	42163	2.25%	0.332%
21	15.433	2264	2269	2281	rBV	132045	204877	10.95%	1.615%
22	15.856	2335	2341	2348	rVB2	26883	39390	2.10%	0.310%
23	16.345	2417	2424	2429	rBV3	15258	24744	1.32%	0.195%

Sum of corrected areas: 12686149

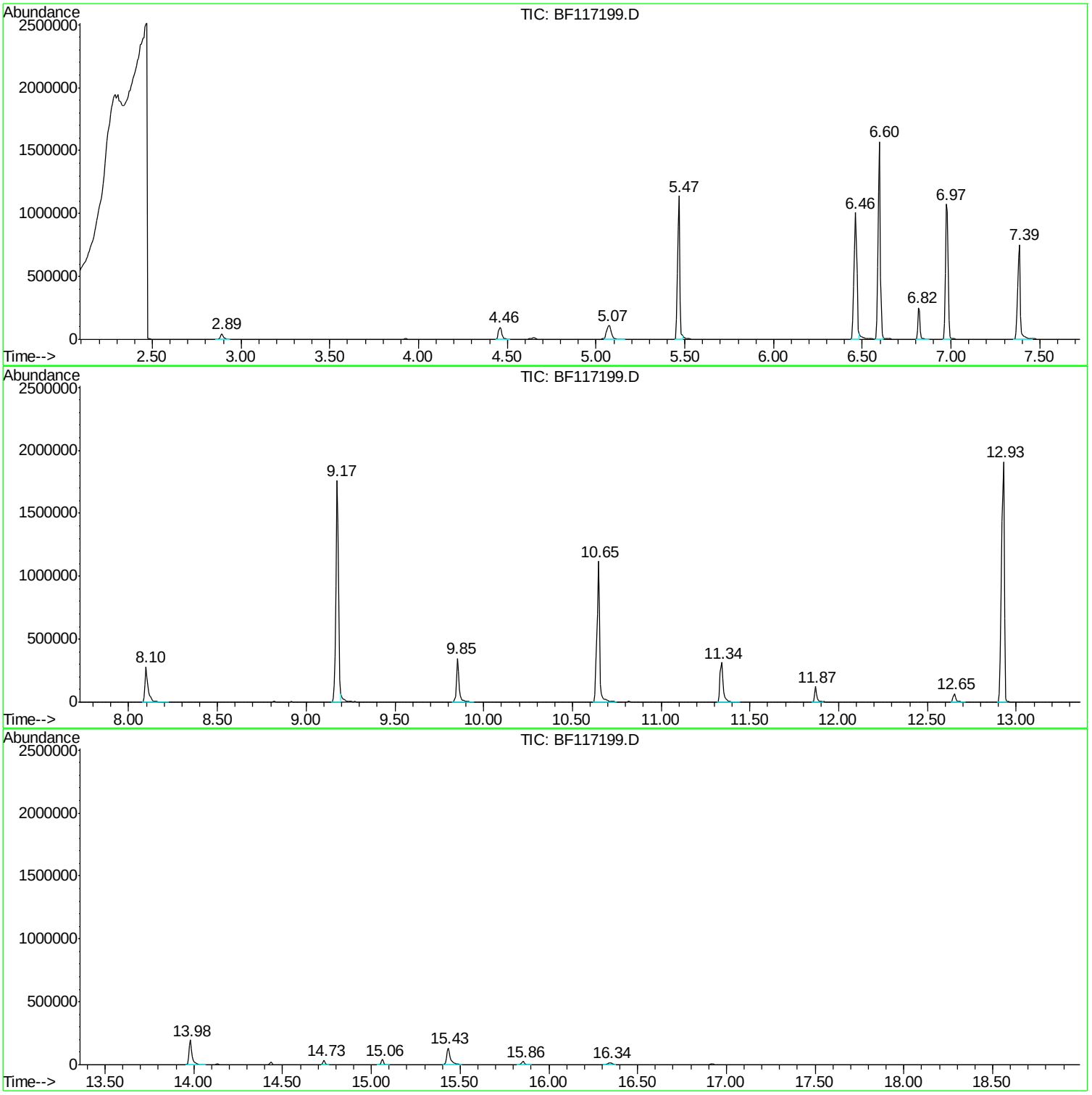
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117199.D
Acq On : 20 Sep 2019 21:24
Operator : HP/JU
Sample : K4662-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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

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Data File : BF117199.D
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Operator : HP/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-091819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

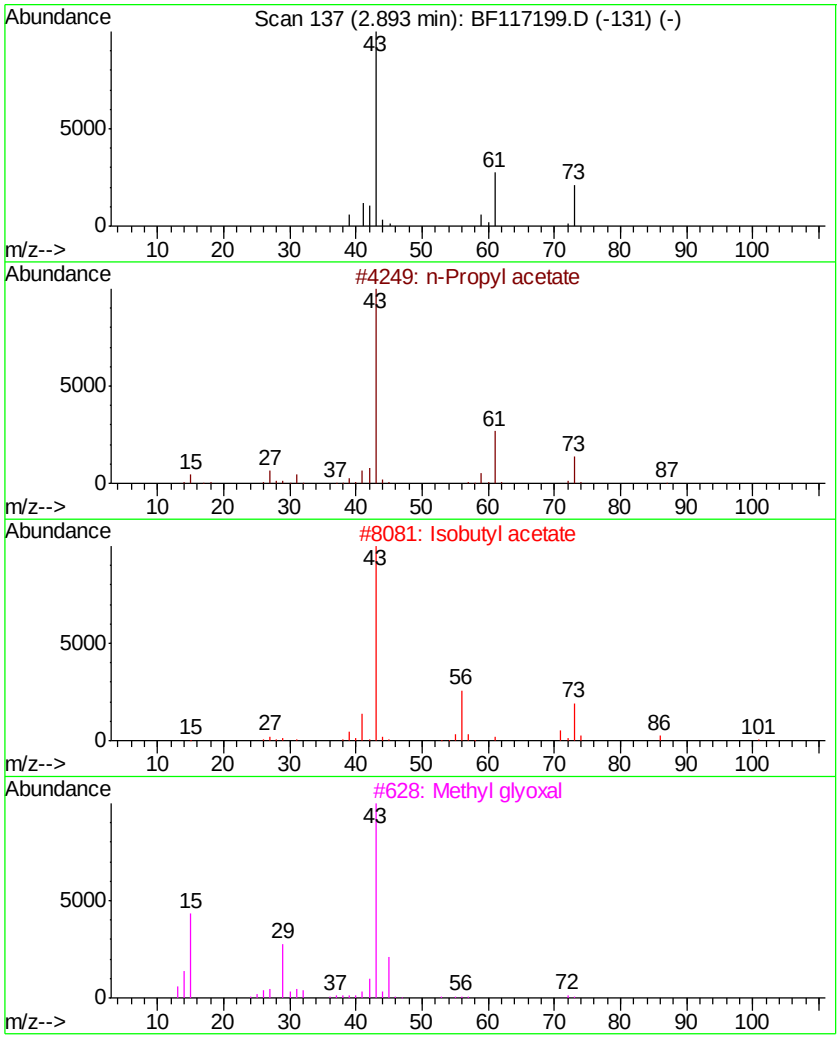
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

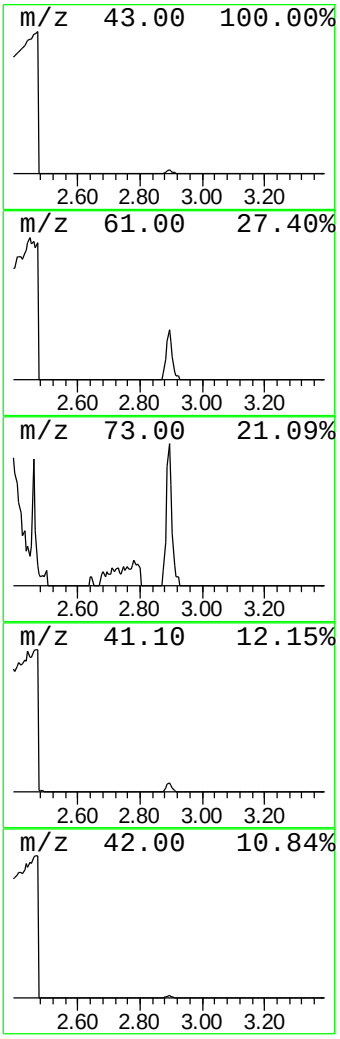
****

Peak Number 1 n-Propyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	5.09 ng	59215	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	74
2	Isobutyl acetate	116	C6H12O2	000110-19-0	9
3	Methyl glyoxal	72	C3H4O2	000078-98-8	7
4	1-Butanamine	73	C4H11N	000109-73-9	5
5	Oxirane, 2,3-dimethyl-, cis-	72	C4H8O	001758-33-4	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117199.D
Acq On : 20 Sep 2019 21:24
Operator : HP/JU
Sample : K4662-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

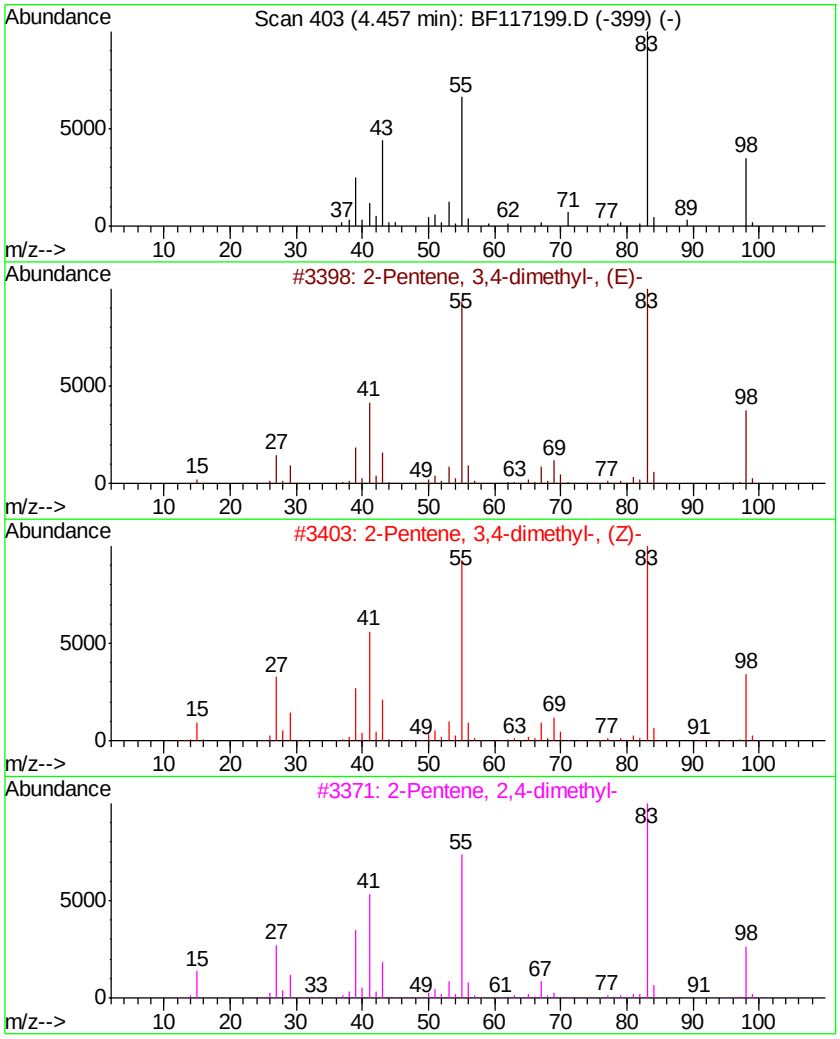
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

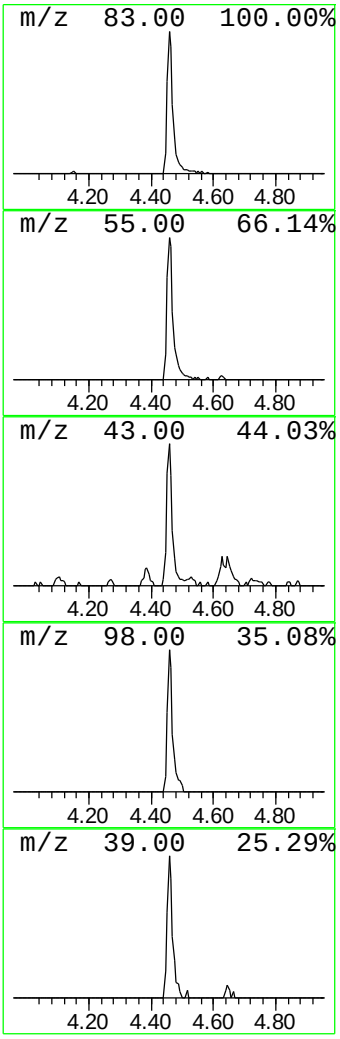
****

Peak Number 2 2-Pentene, 3,4-dimethyl-, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	10.48 ng	122075	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4	3-Hexen-2-one	98	C6H10O	000763-93-9	80
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117199.D
Acq On : 20 Sep 2019 21:24
Operator : HP/JU
Sample : K4662-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091819

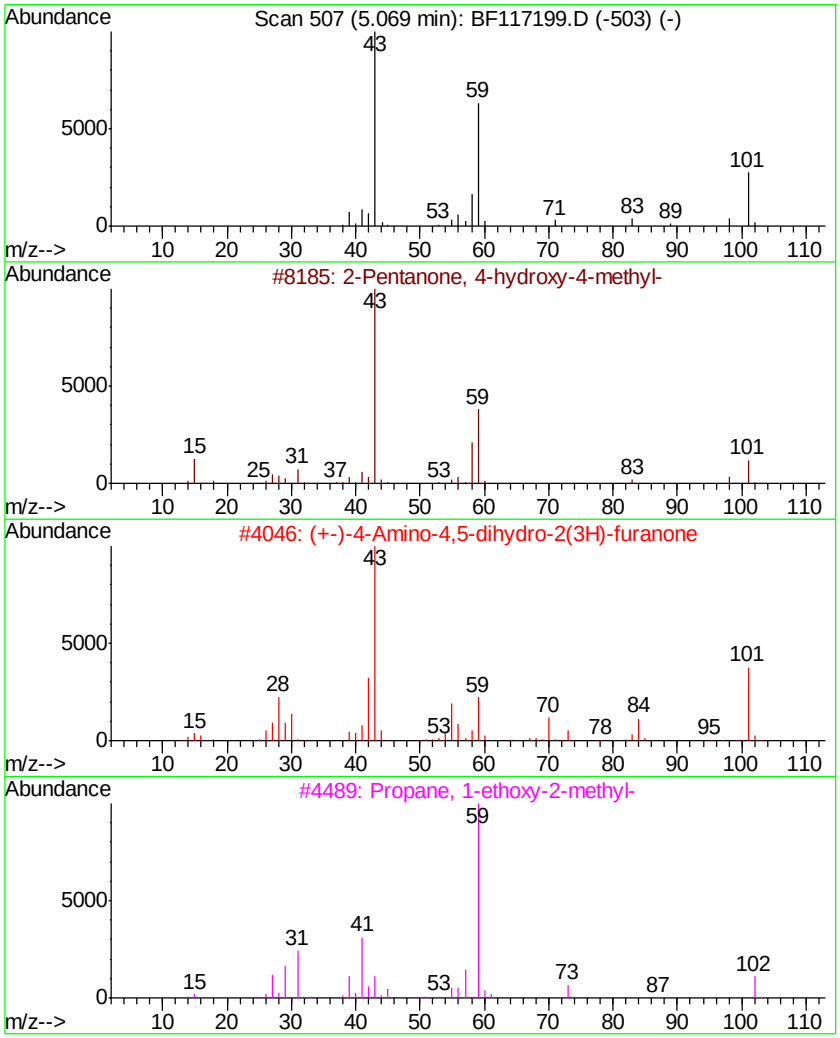
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

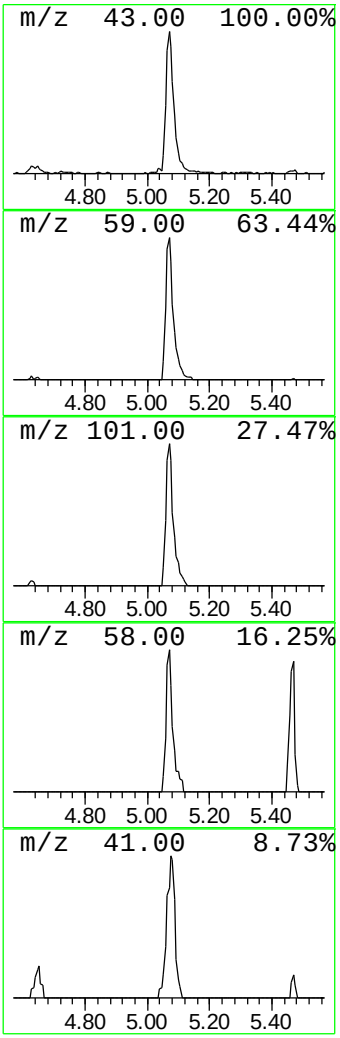
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	17.89 ng	208275	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117199.D
Acq On : 20 Sep 2019 21:24
Operator : HP/JU
Sample : K4662-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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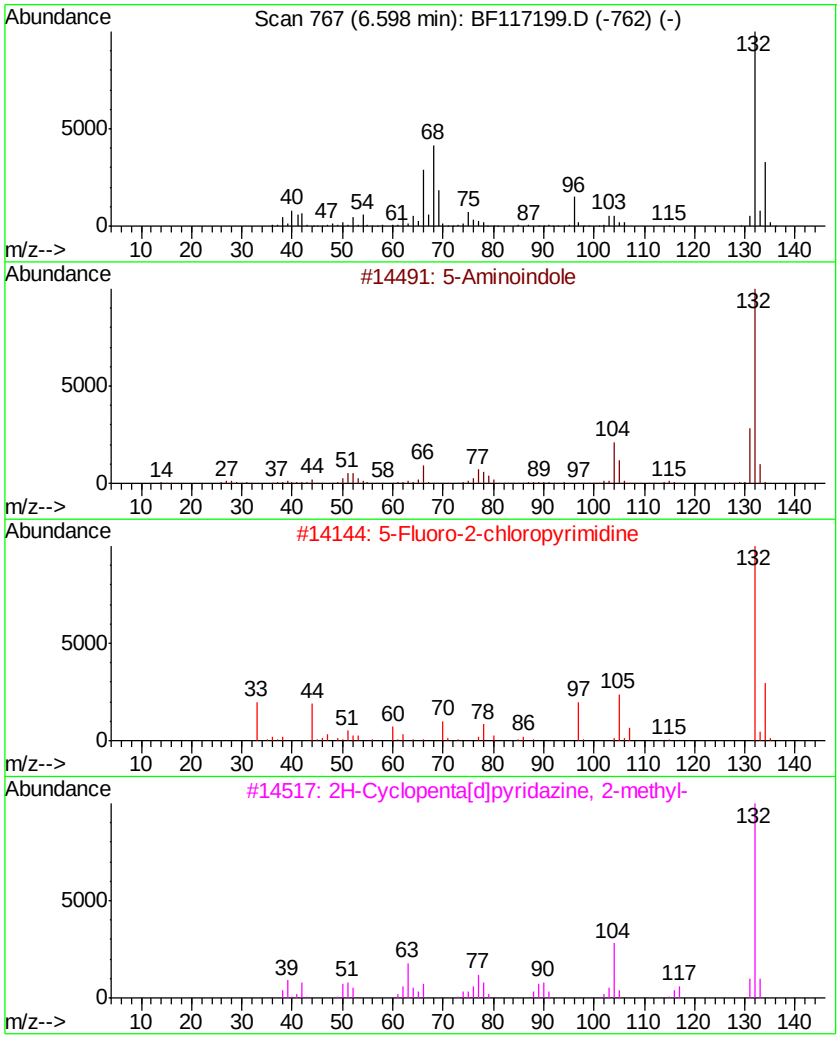
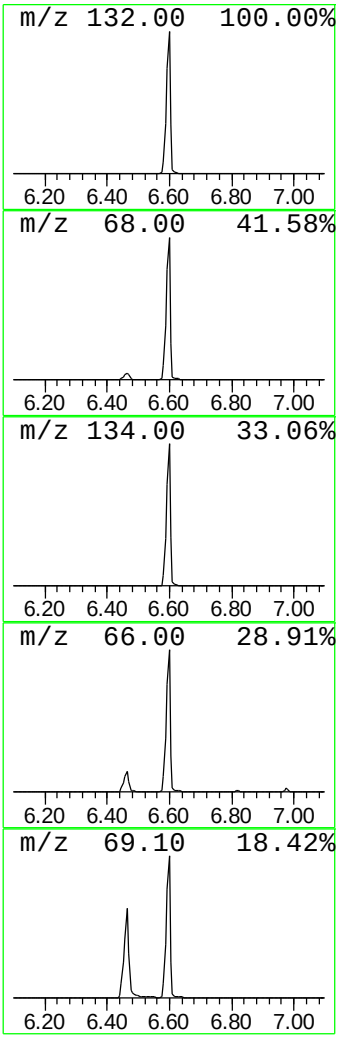
****

Peak Number 4 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	120.98 ng	1408770	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Acq On : 20 Sep 2019 21:24
Operator : HP/JU
Sample : K4662-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

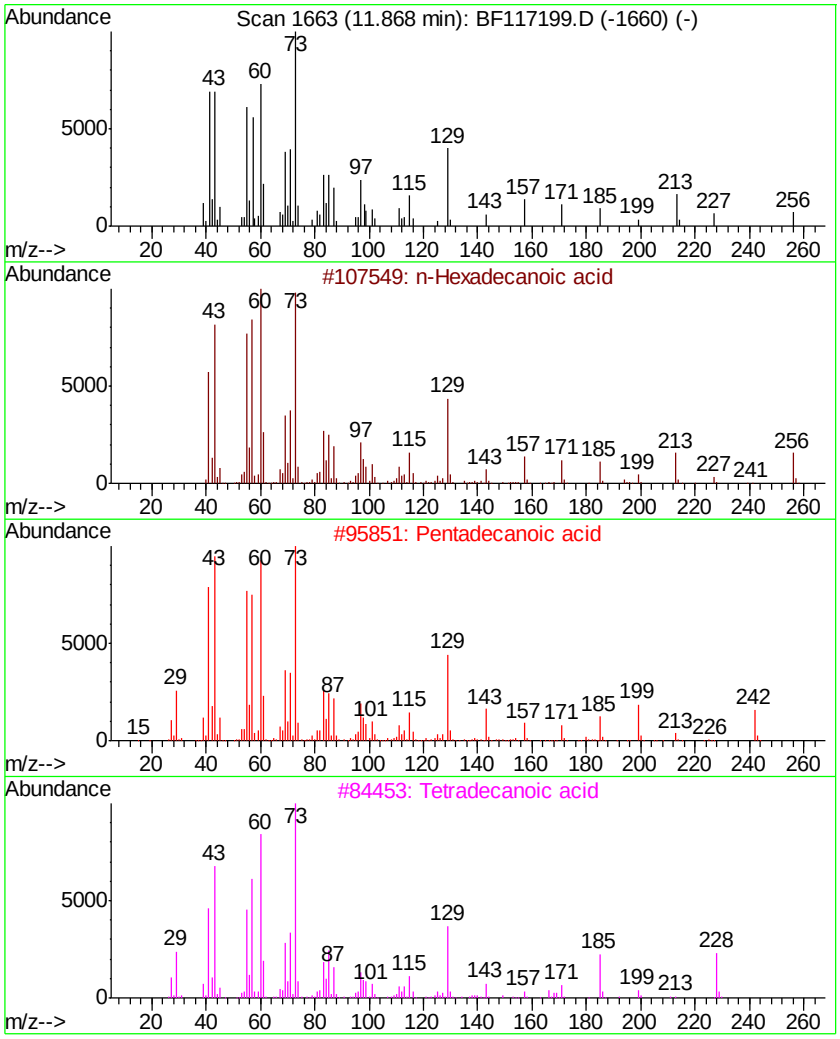
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

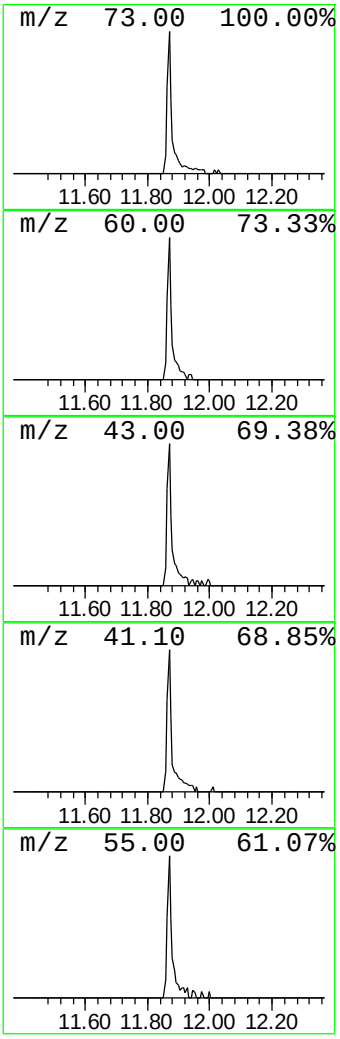
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.62 ng	119315	Phenanthrene-d10	11.34

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	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	15
5	Hexadecane	226	C16H34	000544-76-3	11





Library Search Compound Report

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Operator : HP/JU
Sample : K4662-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

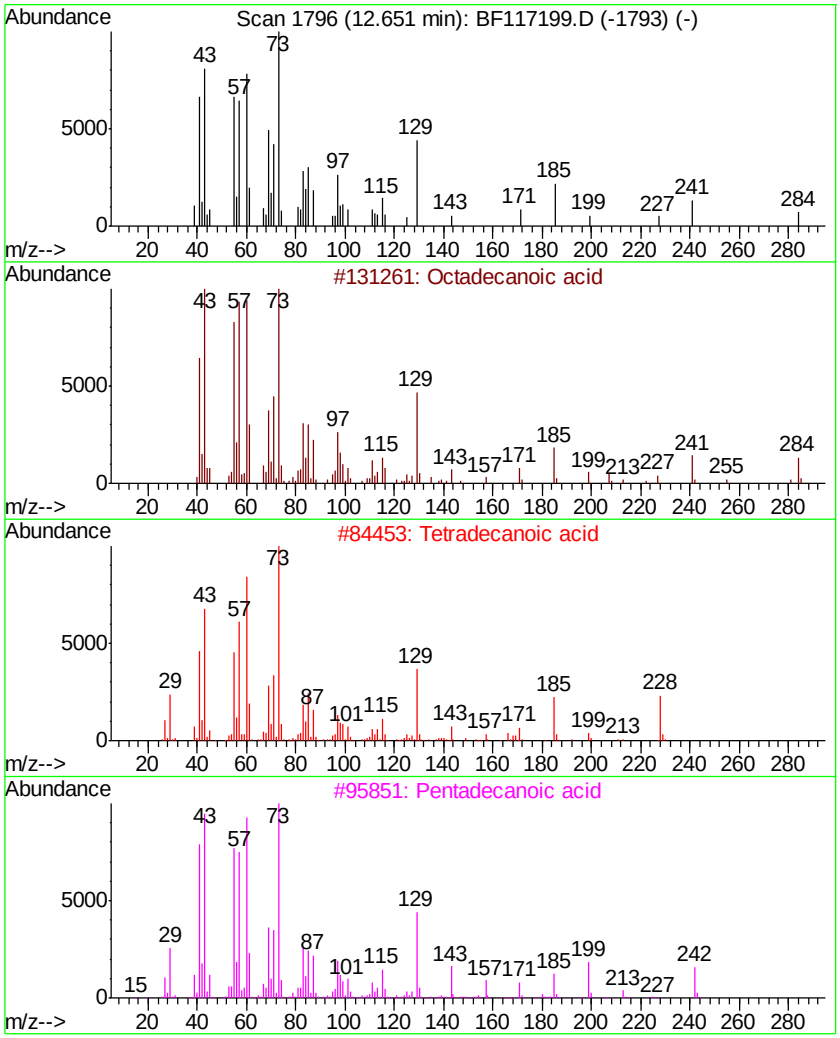
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

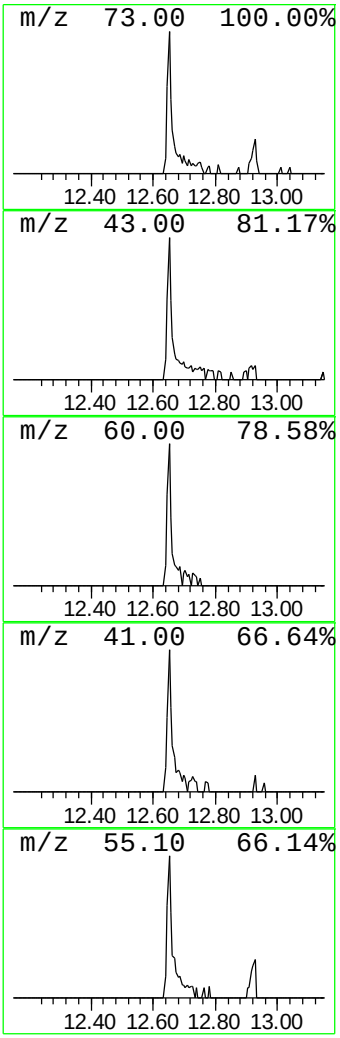
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	3.98 ng	71697	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	18





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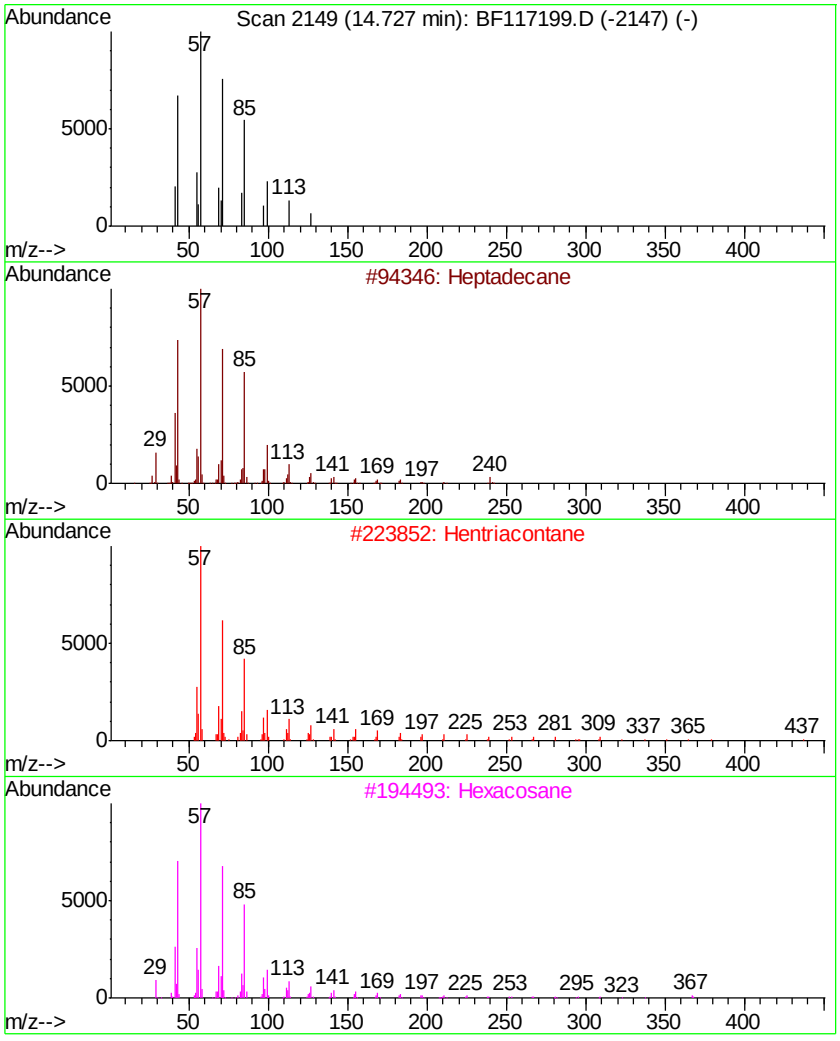
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

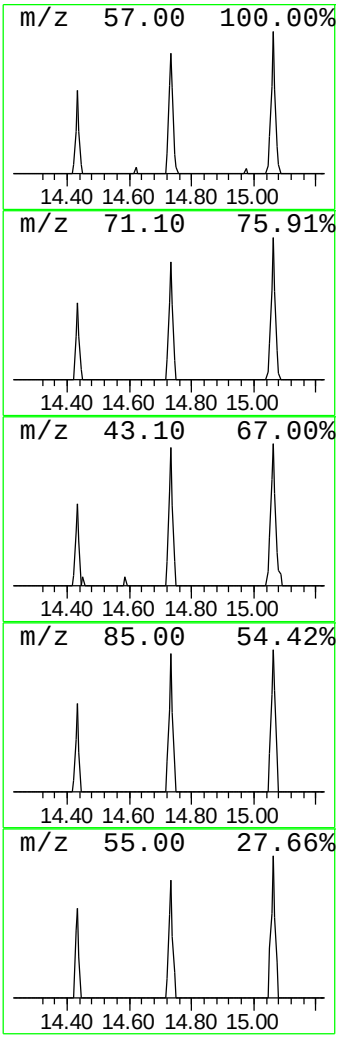
****

Peak Number 8 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.19 ng	32635	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Library Search Compound Report

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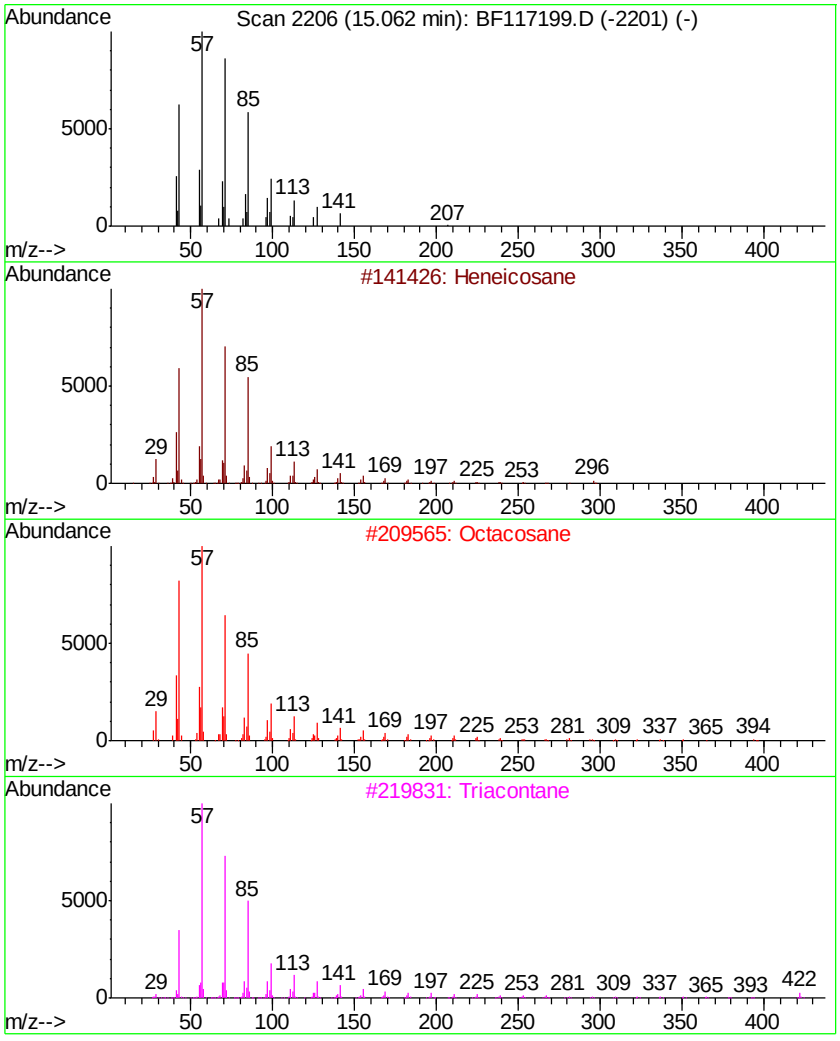
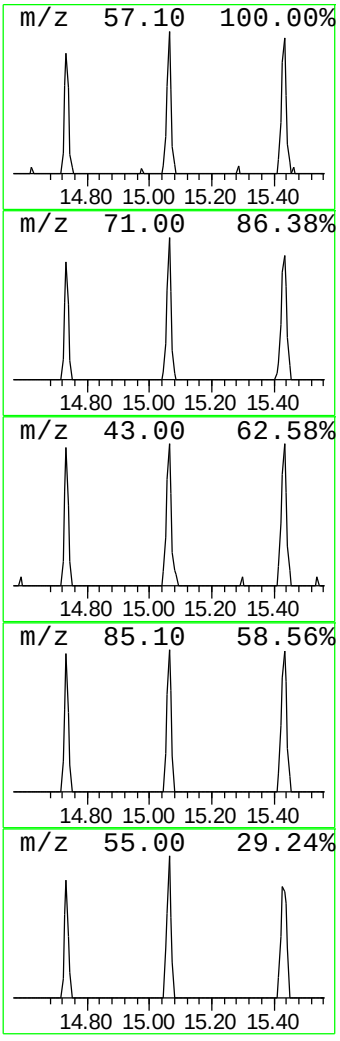
****

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.12 ng	42163	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Hexacosane	366	C26H54	000630-01-3	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





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Instrument : BNA_F
ClientSampleId : CL-02-091819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

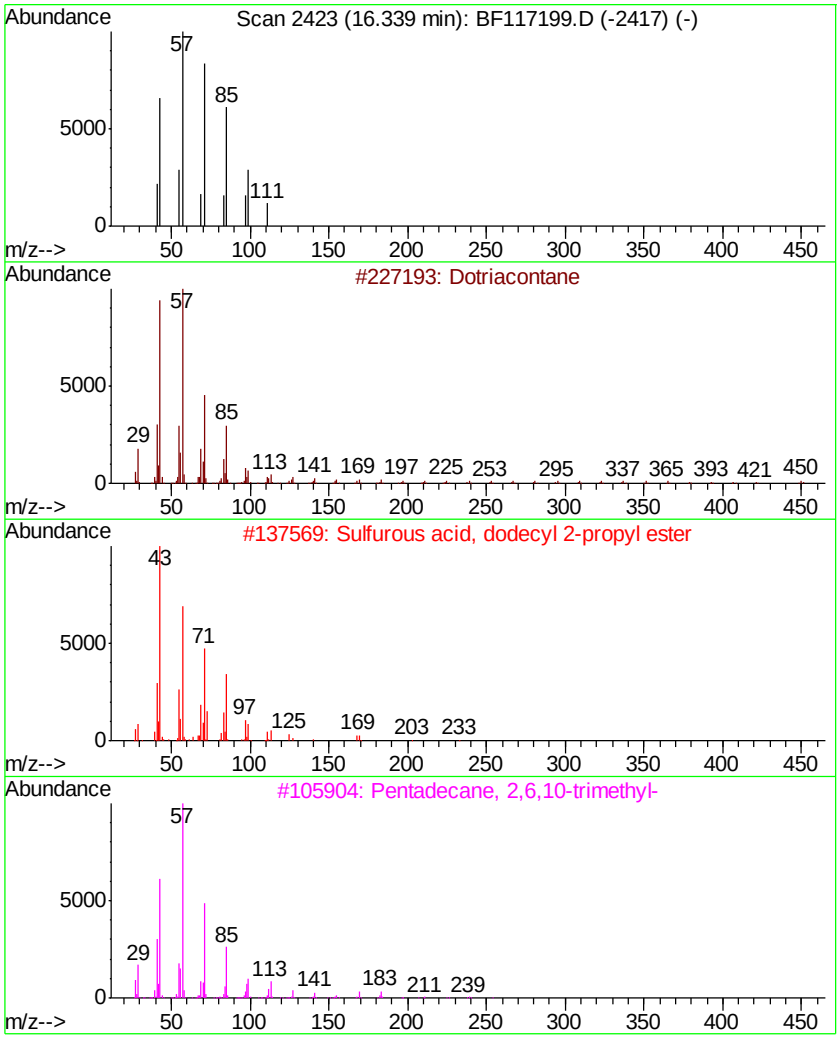
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

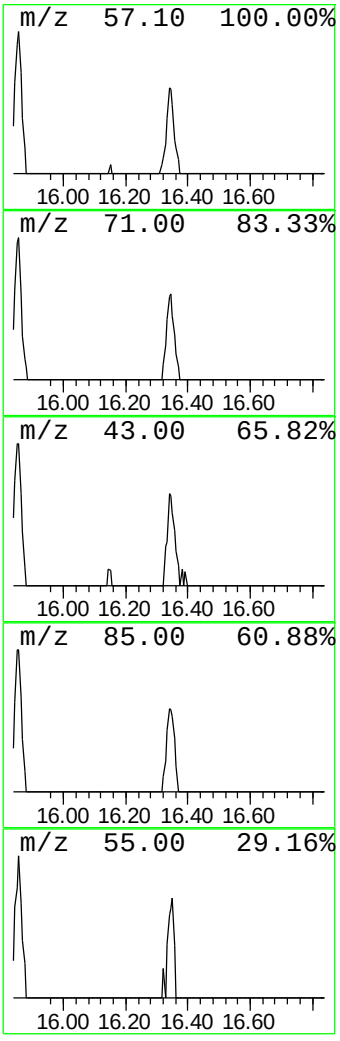
****

Peak Number 11 Dotriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.42 ng	24744	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	72
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	72
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4	Nonadecane	268	C19H40	000629-92-5	64
5	Pentadecane	212	C15H32	000629-62-9	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092019\
Data File : BF117199.D
Acq On : 20 Sep 2019 21:24
Operator : HP/JU
Sample : K4662-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
n-Propyl acetate	2.89	5.1	ng	59215	1	6.82	232897	20.0
2-Pentene, 3,4-di...	4.46	10.5	ng	122075	1	6.82	232897	20.0
2-Pentanone, 4-hy...	5.07	17.9	ng	208275	1	6.82	232897	20.0
unknown6.60	6.60	121.0	ng	1408770	1	6.82	232897	20.0
n-Hexadecanoic acid	11.87	6.6	ng	119315	4	11.34	360335	20.0
Octadecanoic acid	12.65	4.0	ng	71697	4	11.34	360335	20.0
Heptadecane	14.73	3.2	ng	32635	6	15.43	204877	20.0
Heneicosane	15.06	4.1	ng	42163	6	15.43	204877	20.0
Dotriacontane	16.34	2.4	ng	24744	6	15.43	204877	20.0