LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118338.D
Acq On : 27 Dec 2019 15:21
Operator : JU
Sample : K6439-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01

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-BF122419.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	5.063	502	506	517	rVB	517979	662549	11.96%	1.666%
2	5.475	571	576	591	rBV	3384387	3250563	58.68%	8.172%
3	6.492	743	749	763	rBV	3076980	3495734	63.10%	8.788%
4	6.628	767	772	775	rBV	3799672	3741384	67.54%	9.406%
5	6.851	807	810	819	rVB	966893	778386	14.05%	1.957%
6	7.010	833	837	840	rBV	3473995	2891119	52.19%	7.268%
7	7.416	902	906	909	rBV	2166908	2119507	38.26%	5.329%
8	8.139	1025	1029	1045	rBV	1116821	1036103	18.70%	2.605%
9	9.216	1207	1212	1215	rBV	5045840	4600697	83.05%	11.566%
10	9.610	1275	1279	1287	rBV	262228	237450	4.29%	0.597%
11	9.898	1324	1328	1338	rVB	1563109	1271880	22.96%	3.198%
12	10.692	1459	1463	1477	rBV	3290958	3337473	60.25%	8.391%
13	11.392	1578	1582	1590	rBV	1587091	1364336	24.63%	3.430%
14	11.916	1667	1671	1686	rBV	420951	465417	8.40%	1.170%
15	12.704	1802	1805	1814	rBV	85547	118358	2.14%	0.298%
16	12.986	1848	1853	1856	rBV	6006652	5539807	100.00%	13.927%
17	13.874	2000	2004	2017	rBV	704724	821808	14.83%	2.066%
18	14.045	2029	2033	2041	rBV	1232896	1195630	21.58%	3.006%
19	14.198	2056	2059	2063	rBV	93255	86569	1.56%	0.218%
20	14.504	2107	2111	2117	rBV2	177168	212497	3.84%	0.534%
21	14.809	2158	2163	2167	rBV	196171	234325	4.23%	0.589%
22	15.156	2217	2222	2227	rBV	214952	285949	5.16%	0.719%
23	15.539	2282	2287	2301	rVB	1026424	1396878	25.22%	3.512%
24	15.980	2358	2362	2368	rBV	152992	212661	3.84%	0.535%
25	16.039	2368	2372	2380	rBV4	74991	146648	2.65%	0.369%
26	16.498	2444	2450	2455	rBV3	103190	185984	3.36%	0.468%
27	17.098	2548	2552	2560	rVB3	41673	86903	1.57%	0.218%

Sum of corrected areas: 39776615

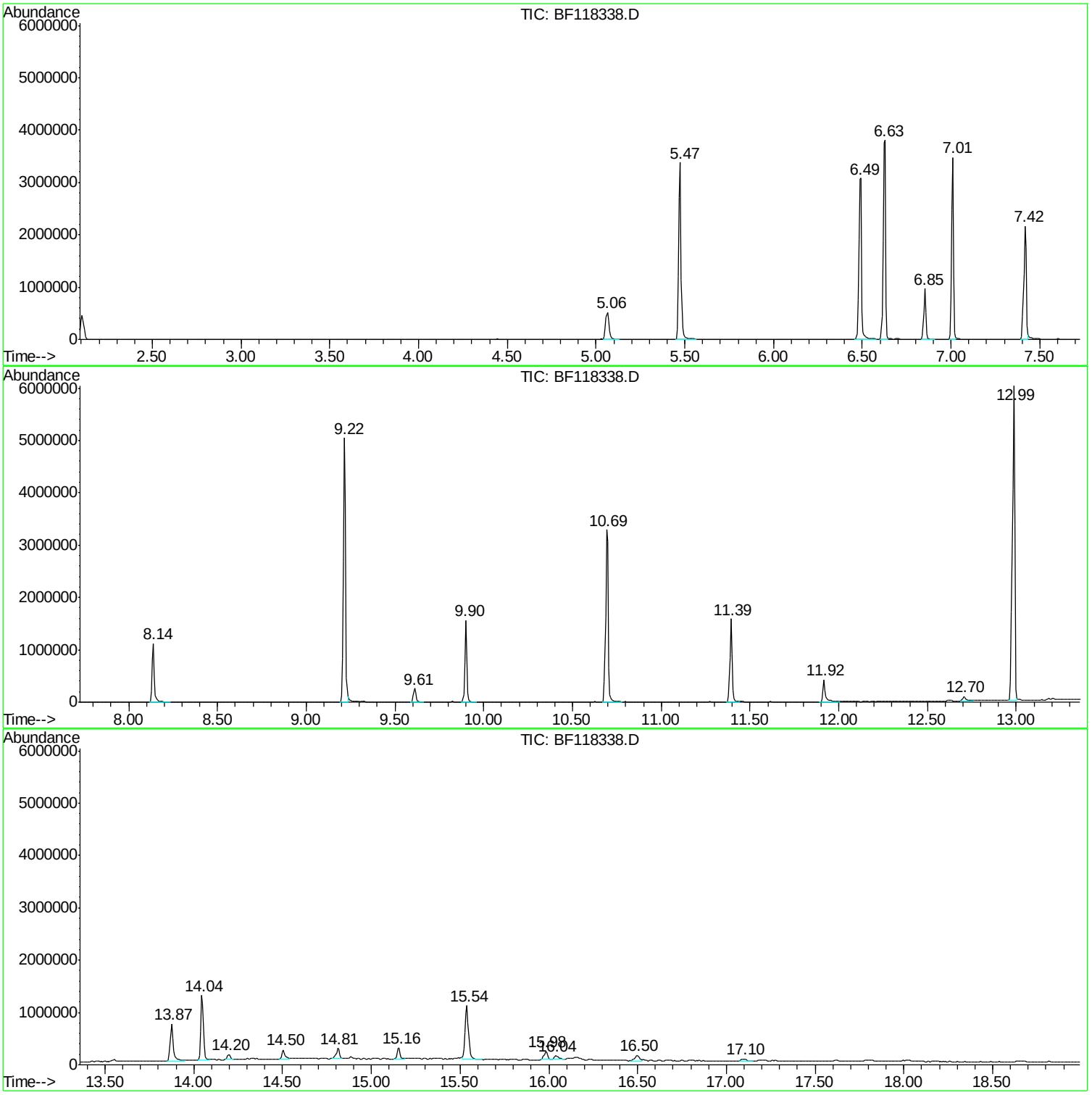
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118338.D
Acq On : 27 Dec 2019 15:21
Operator : JU
Sample : K6439-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIED-BF001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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\BF122719\
Data File : BF118338.D
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Operator : JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

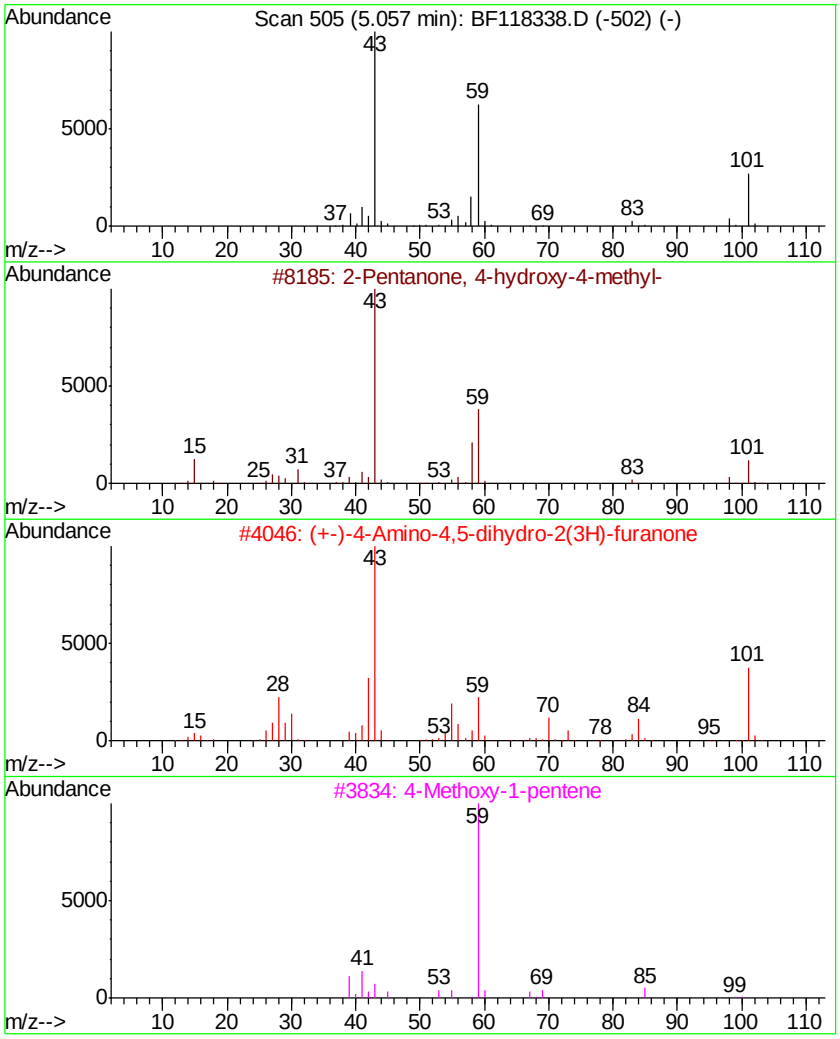
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

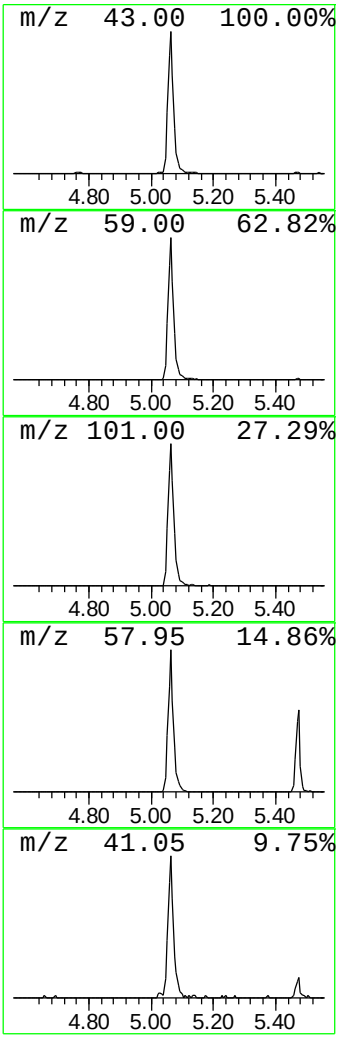
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	17.02 ng	662549	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	27
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





Library Search Compound Report

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Operator : JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

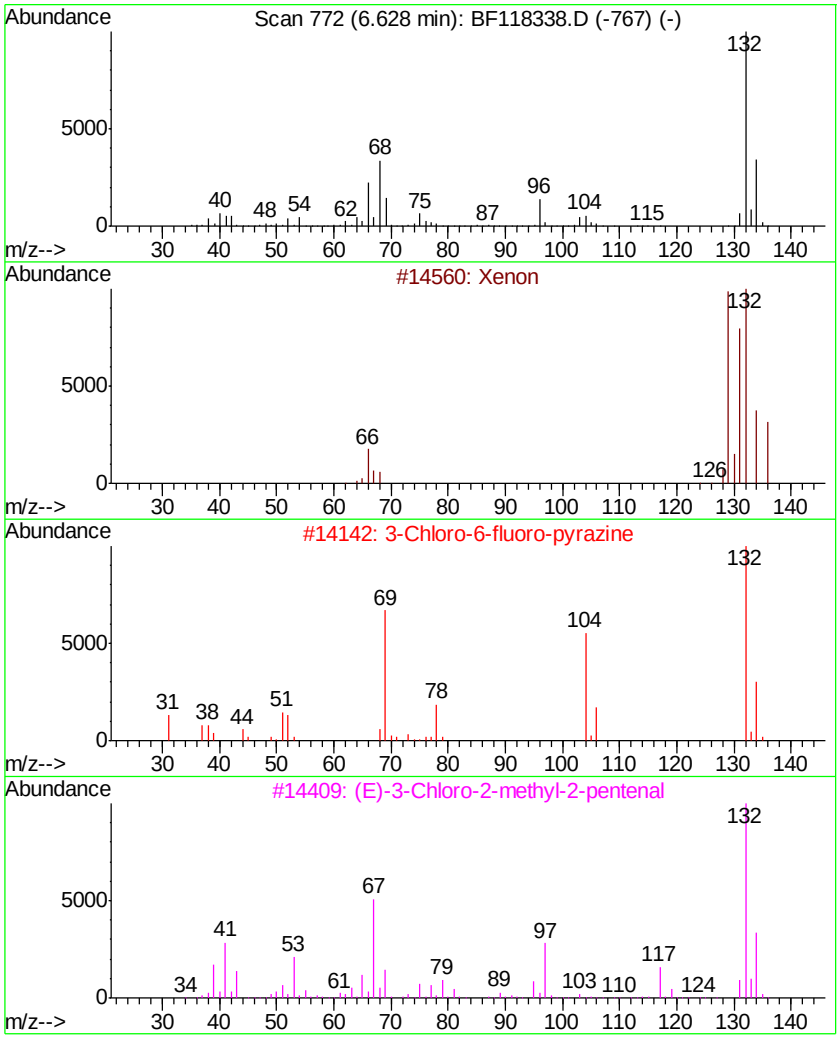
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

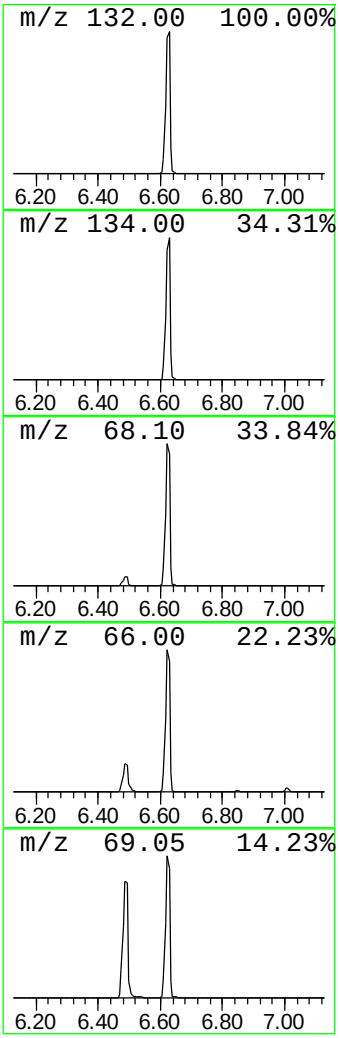
****

Peak Number 2 Xenon Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	96.13 ng	3741380	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	50
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	9





Library Search Compound Report

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Operator : JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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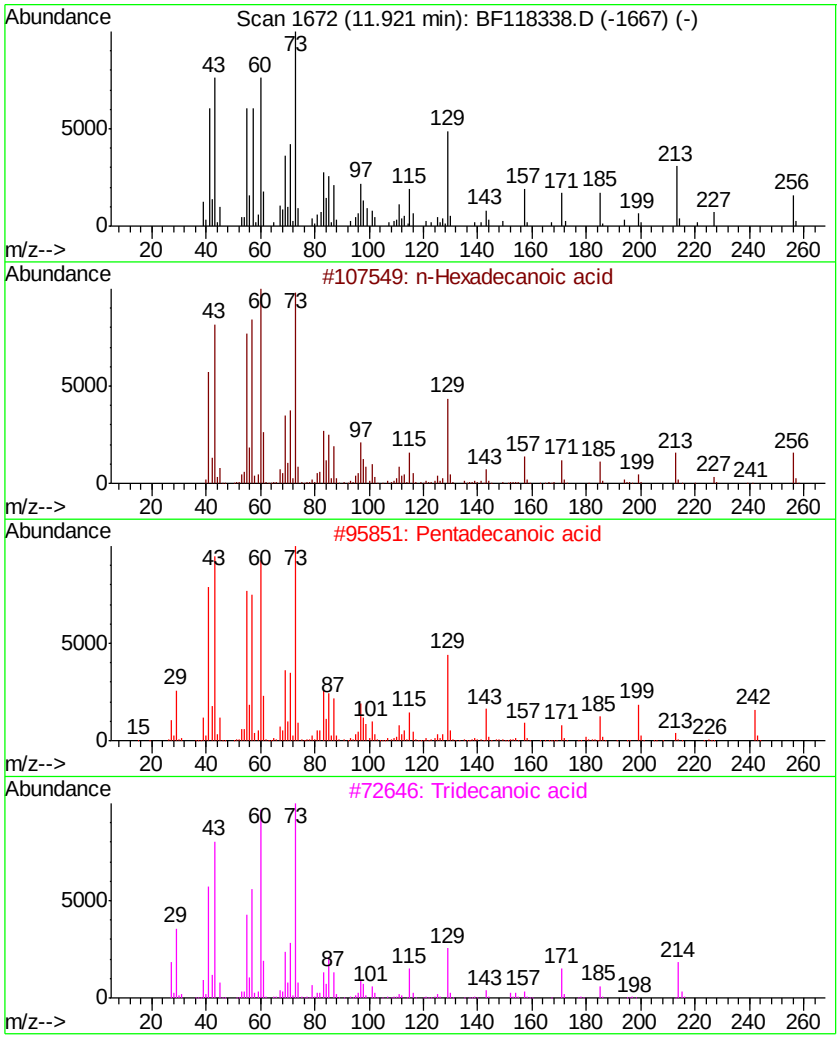
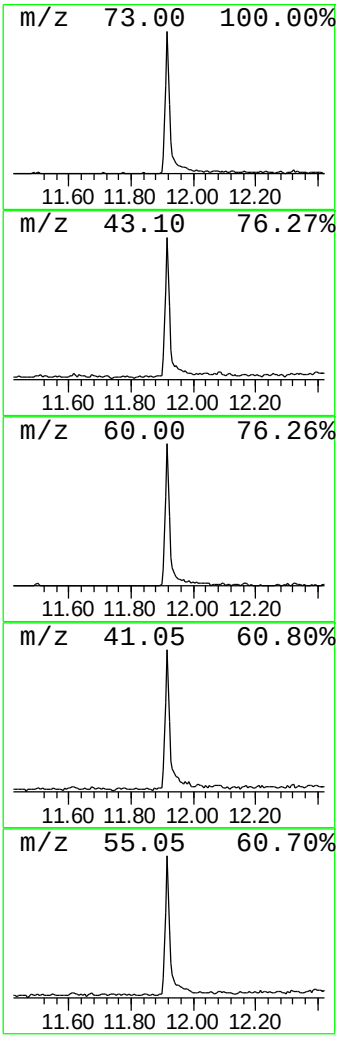
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	6.82 ng	465417	Phenanthrene-d10	11.39

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	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
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Acq On : 27 Dec 2019 15:21
Operator : JU
Sample : K6439-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

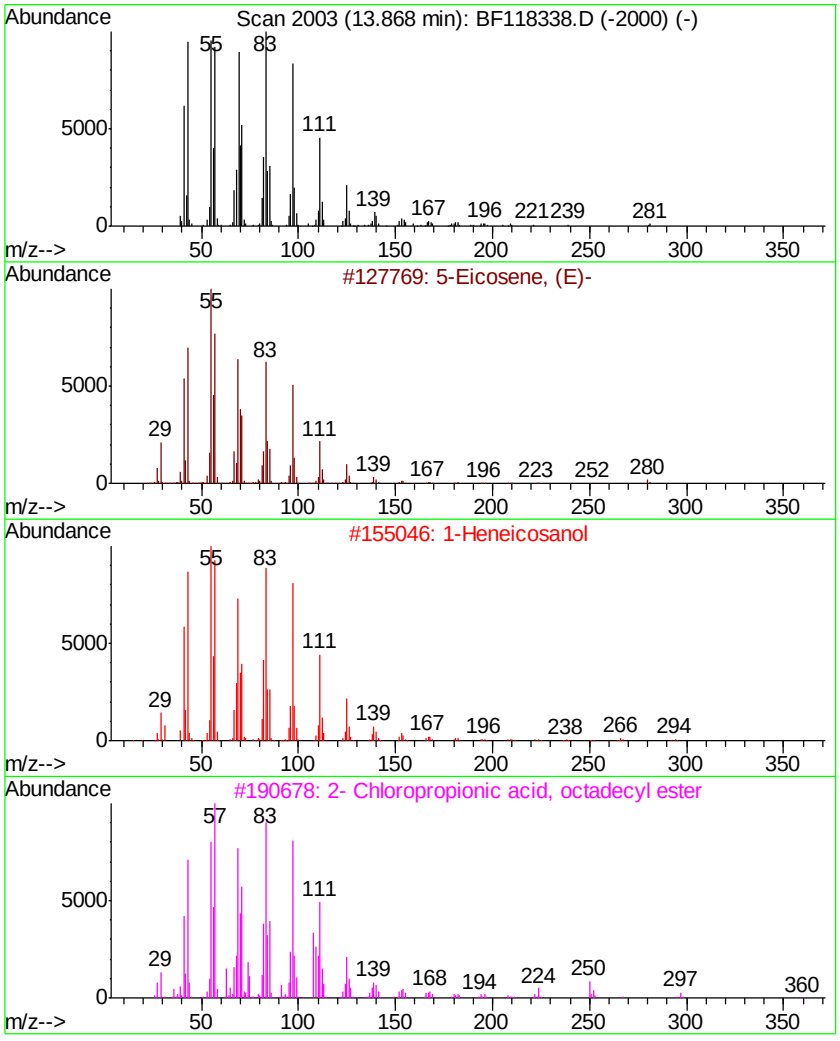
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

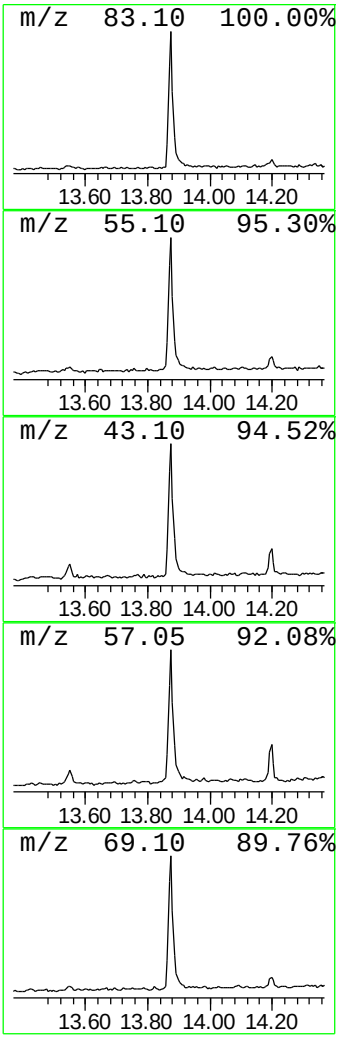
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	13.75 ng	821808	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118338.D
Acq On : 27 Dec 2019 15:21
Operator : JU
Sample : K6439-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

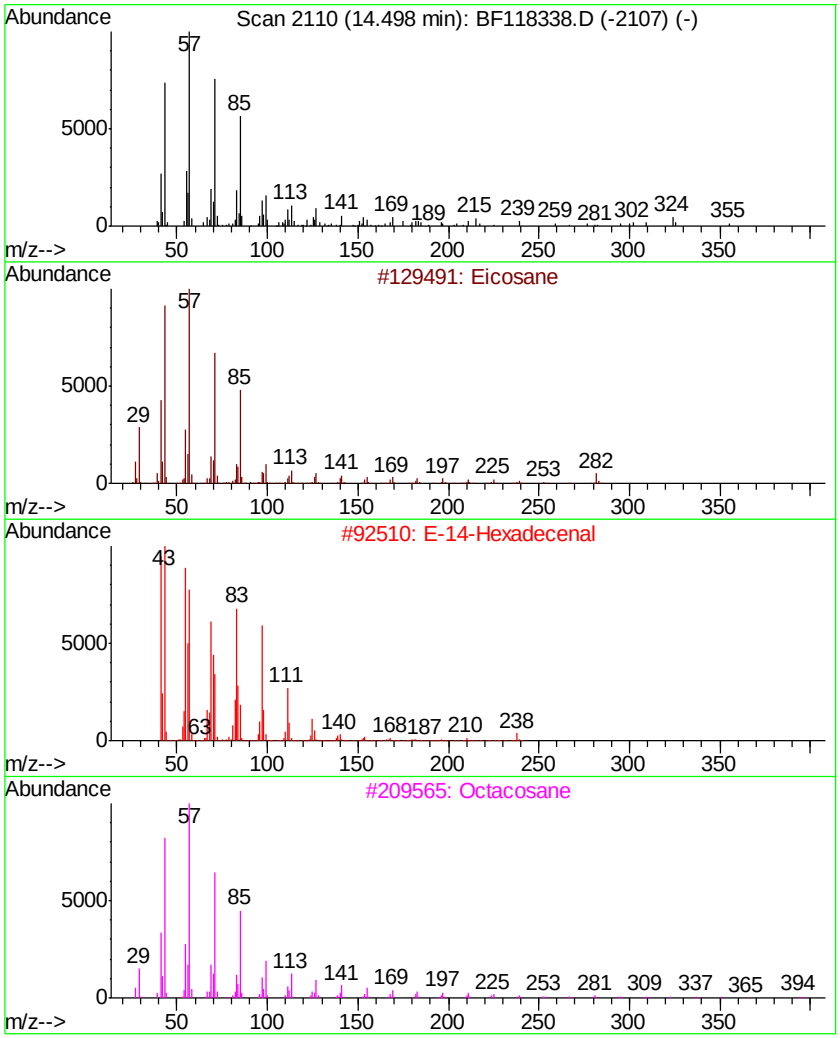
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

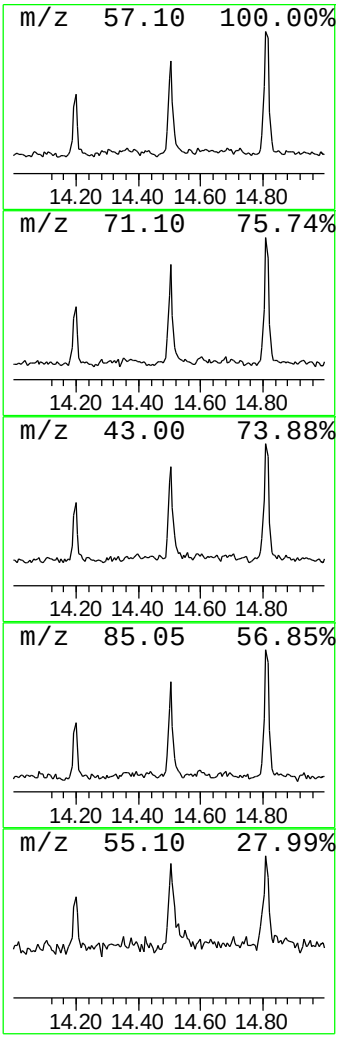
****

Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.55 ng	212497	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
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Operator : JU
Sample : K6439-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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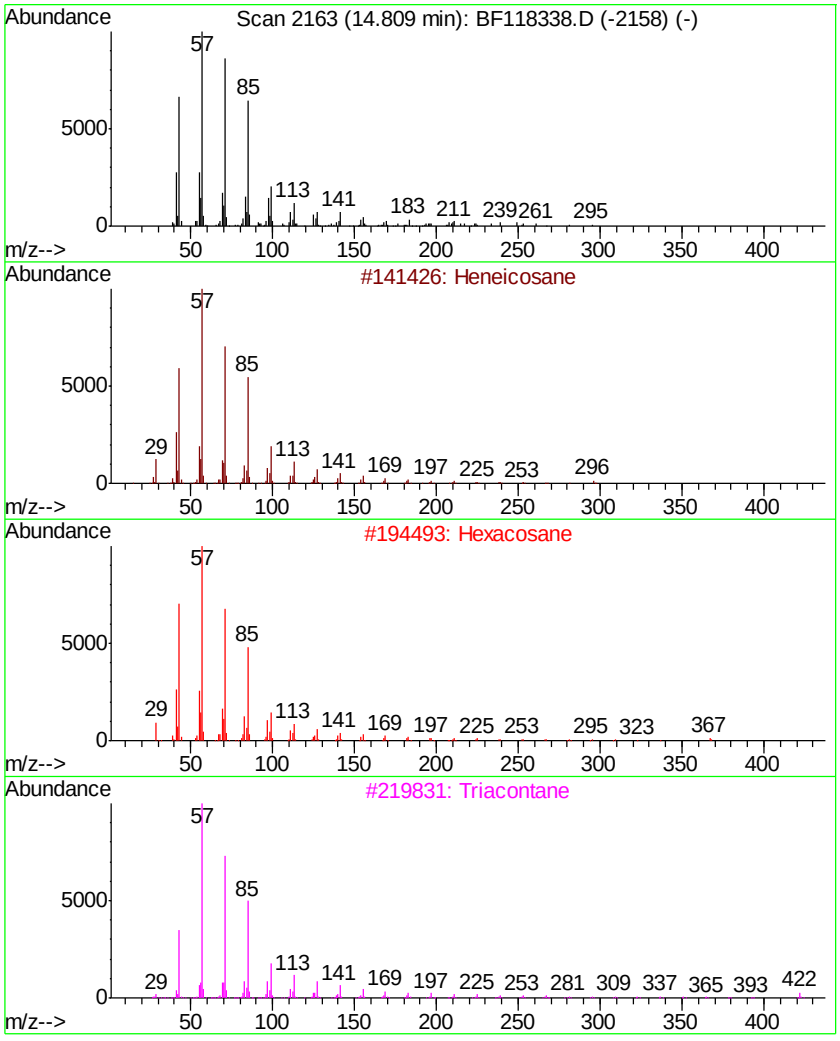
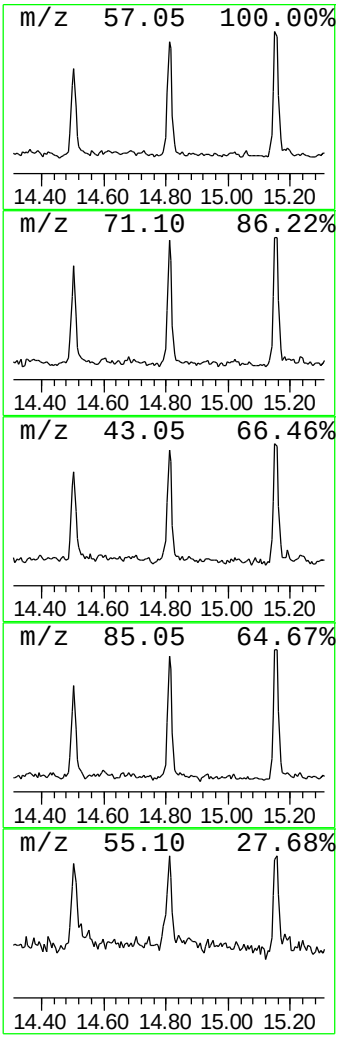
Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.35 ng	234325	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
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Acq On : 27 Dec 2019 15:21
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Sample : K6439-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

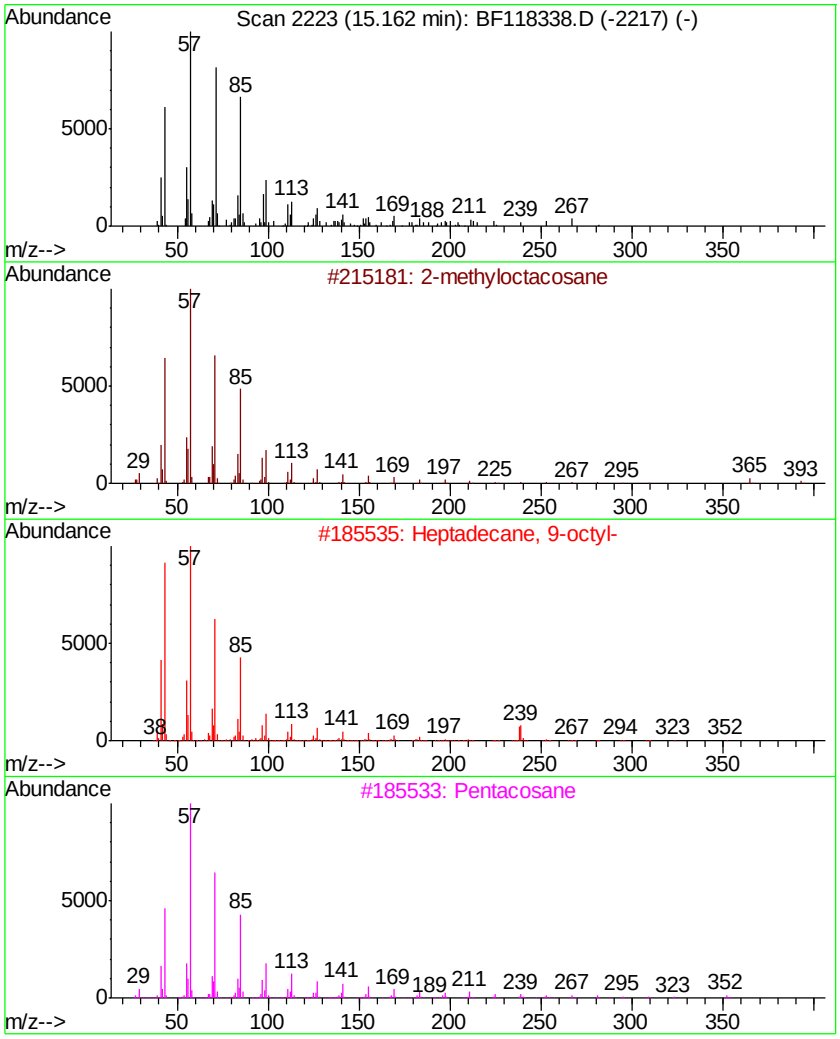
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

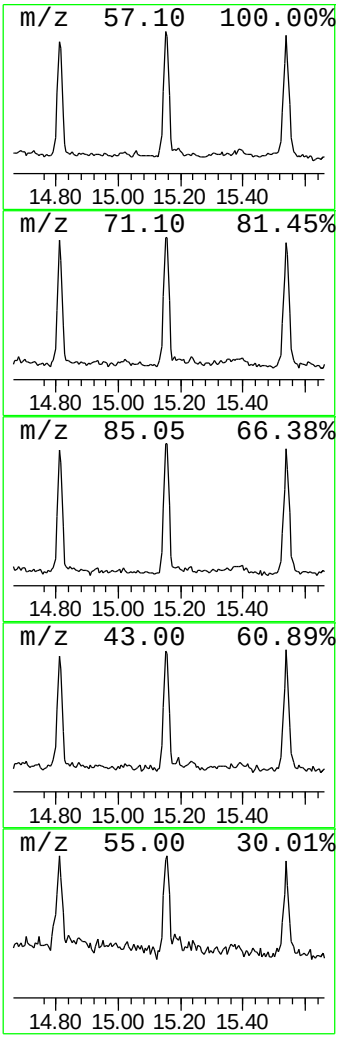
****

Peak Number 8 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.09 ng	285949	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane	282	C20H42	000112-95-8	91





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Instrument : BNA_F
ClientSampleId : LIED-BF001-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

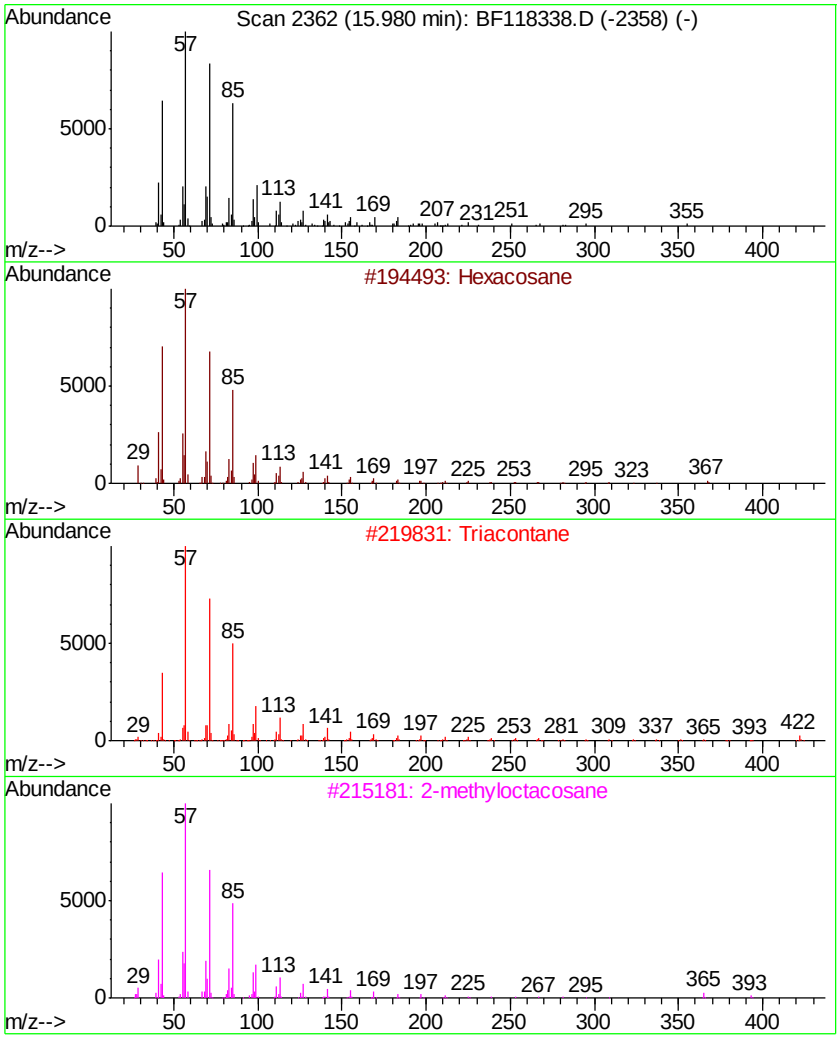
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

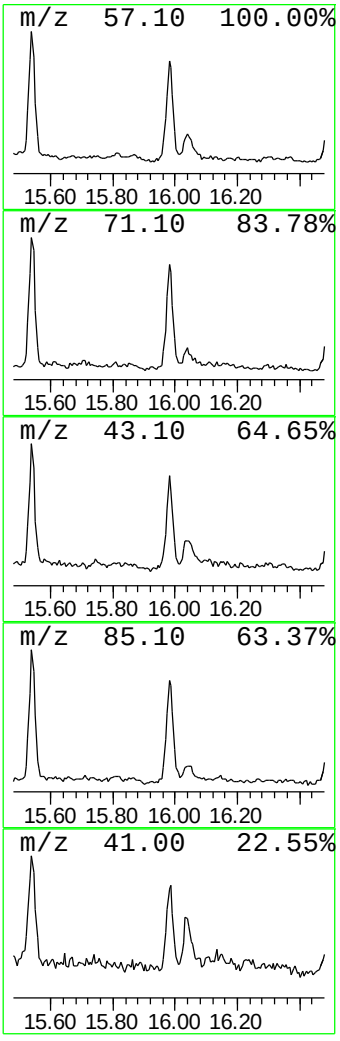
****

Peak Number 9 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.04 ng	212661	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BF118338.D
Acq On : 27 Dec 2019 15:21
Operator : JU
Sample : K6439-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

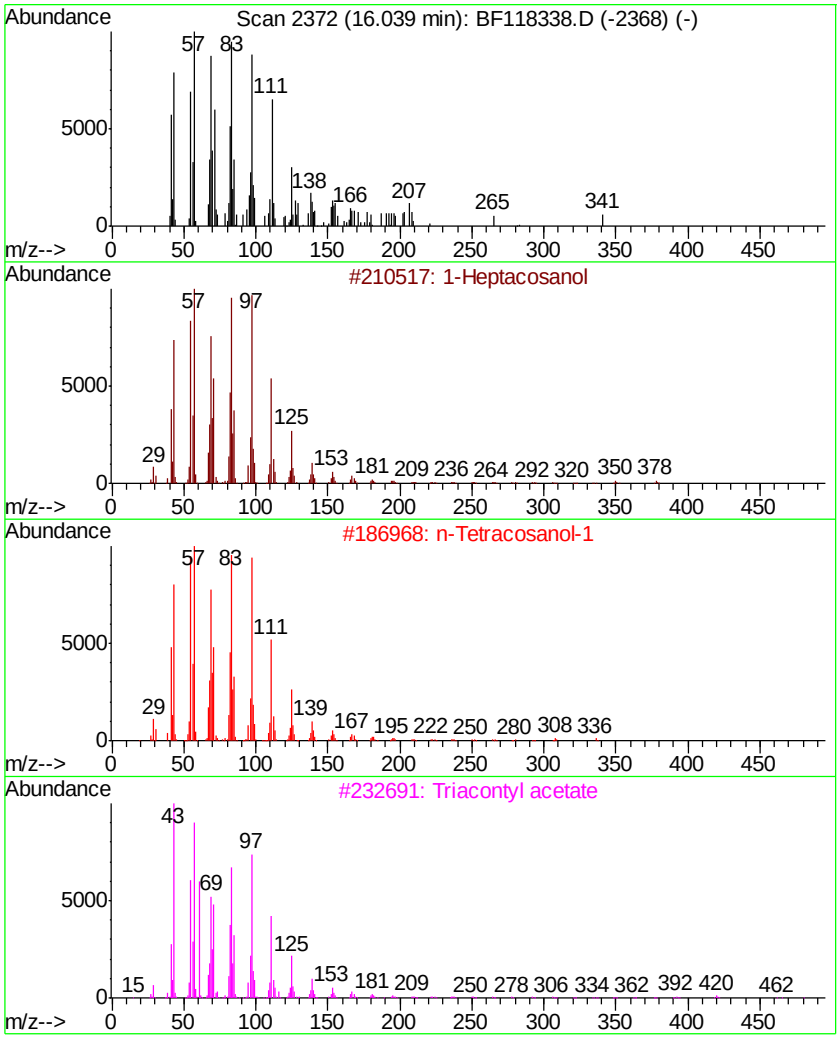
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

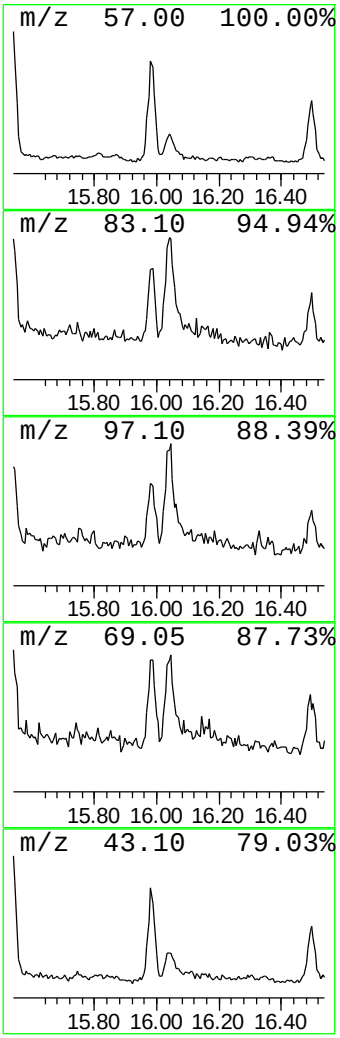
****

Peak Number 10 1-Heptacosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.10 ng	146648	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Triacontyl acetate	480	C32H64O2	041755-58-2	90
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118338.D
Acq On : 27 Dec 2019 15:21
Operator : JU
Sample : K6439-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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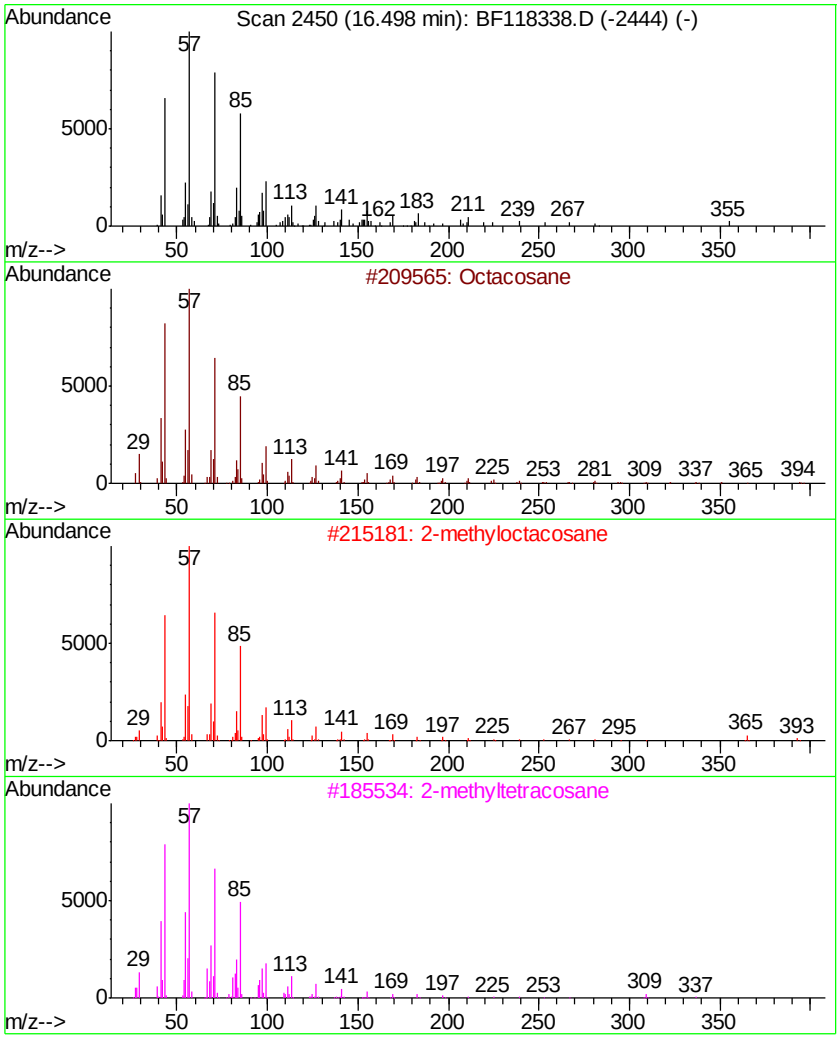
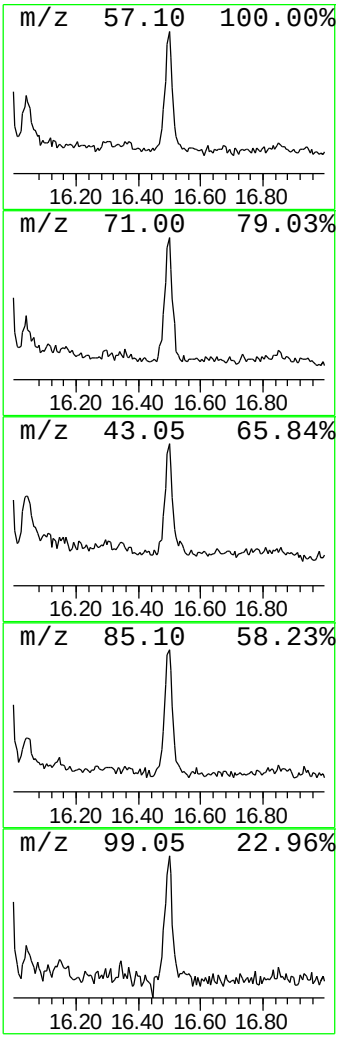
Peak Number 11 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.66 ng	185984	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	2-methyltetracosane	352	C25H52	1000376-72-6	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122719\
Data File : BF118338.D
Acq On : 27 Dec 2019 15:21
Operator : JU
Sample : K6439-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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
2-Pentanone, 4-hy...	5.06	17.0	ng	662549	1	6.85	778386	20.0
Xenon	6.63	96.1	ng	3741380	1	6.85	778386	20.0
n-Hexadecanoic acid	11.92	6.8	ng	465417	4	11.39	1364340	20.0
5-Eicosene, (E)-	13.87	13.8	ng	821808	5	14.04	1195630	20.0
Eicosane	14.50	3.5	ng	212497	5	14.04	1195630	20.0
Heneicosane	14.81	3.4	ng	234325	6	15.54	1396880	20.0
2-methyloctacosane	15.16	4.1	ng	285949	6	15.54	1396880	20.0
Hexacosane	15.98	3.0	ng	212661	6	15.54	1396880	20.0
1-Heptacosanol	16.04	2.1	ng	146648	6	15.54	1396880	20.0
Octacosane	16.50	2.7	ng	185984	6	15.54	1396880	20.0