LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117096.D
Acq On : 17 Sep 2019 10:24
Operator : HP/JU
Sample : PB123116BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123116BL

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	2.157	4	12	19	rVB	59696	78691	2.91%	0.353%
2	5.457	568	573	595	rBV	1850073	2022859	74.71%	9.067%
3	6.469	739	745	748	rBV	1971958	2107589	77.84%	9.447%
4	6.598	762	767	770	rBV	2327090	2256385	83.33%	10.114%
5	6.822	802	805	817	rBV	490963	450440	16.64%	2.019%
6	6.981	828	832	849	rBV	1937748	1741711	64.33%	7.807%
7	7.386	896	901	917	rBV	1280968	1382056	51.04%	6.195%
8	8.104	1018	1023	1041	rBV	528910	583794	21.56%	2.617%
9	9.175	1200	1205	1216	rBV	2727862	2707656	100.00%	12.136%
10	9.851	1316	1320	1331	rBV	646014	689202	25.45%	3.089%
11	10.639	1450	1454	1478	rBV	1307115	1515033	55.95%	6.791%
12	11.339	1569	1573	1595	rBV	511577	651955	24.08%	2.922%
13	12.916	1836	1841	1844	rBV	2631559	2428019	89.67%	10.883%
14	13.810	1987	1993	1997	rBV	26011	27151	1.00%	0.122%
15	13.968	2016	2020	2032	rBV	350866	442532	16.34%	1.984%
16	14.121	2039	2046	2055	rBV	90911	100641	3.72%	0.451%
17	14.427	2093	2098	2104	rBV	252984	250829	9.26%	1.124%
18	14.727	2142	2149	2156	rBV	453231	489693	18.09%	2.195%
19	15.057	2199	2205	2217	rBV	533123	625045	23.08%	2.802%
20	15.421	2261	2267	2282	rBV2	626224	956508	35.33%	4.287%
21	15.845	2332	2339	2350	rBV	292575	470807	17.39%	2.110%
22	16.333	2415	2422	2431	rBV2	135534	245932	9.08%	1.102%
23	16.904	2511	2519	2526	rBV3	36451	85681	3.16%	0.384%

Sum of corrected areas: 22310209

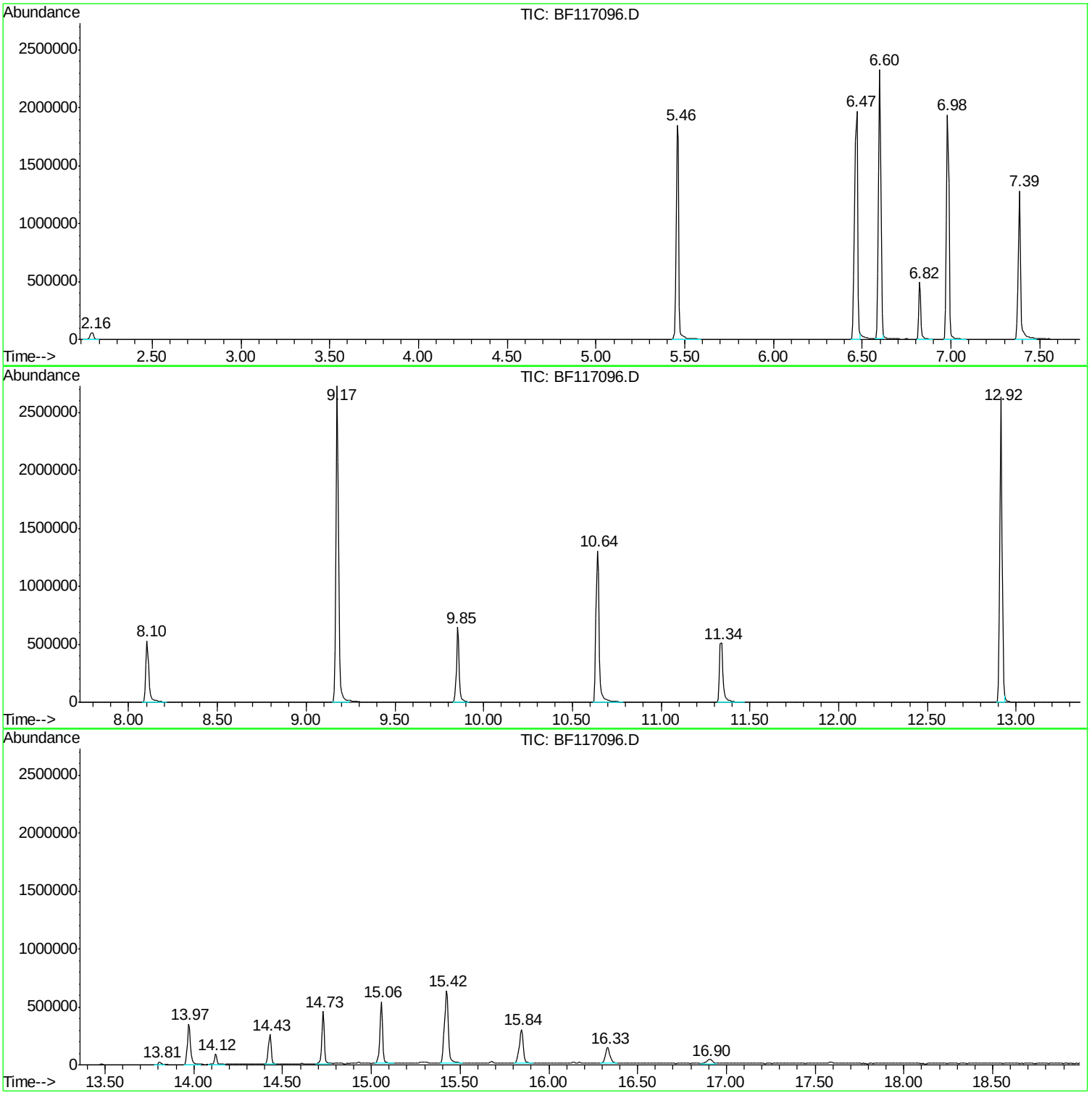
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117096.D
Acq On : 17 Sep 2019 10:24
Operator : HP/JU
Sample : PB123116BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123116BL

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117096.D
Acq On : 17 Sep 2019 10:24
Operator : HP/JU
Sample : PB123116BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123116BL

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

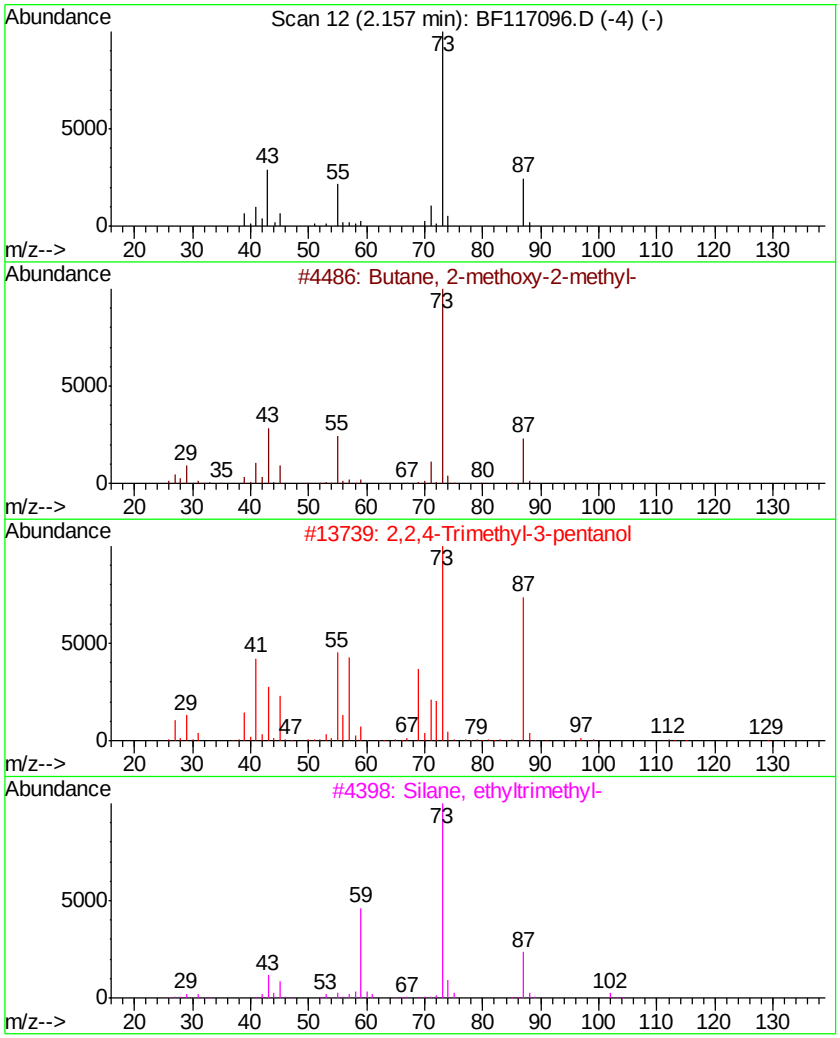
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

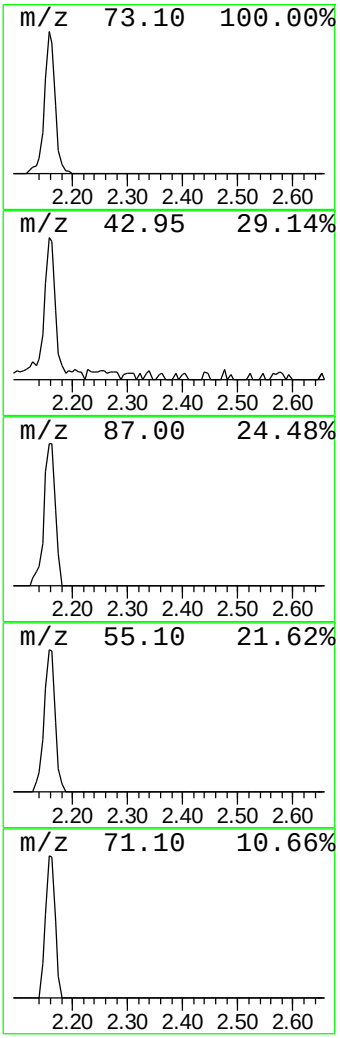
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	3.49 ng	78691	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117096.D
Acq On : 17 Sep 2019 10:24
Operator : HP/JU
Sample : PB123116BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123116BL

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

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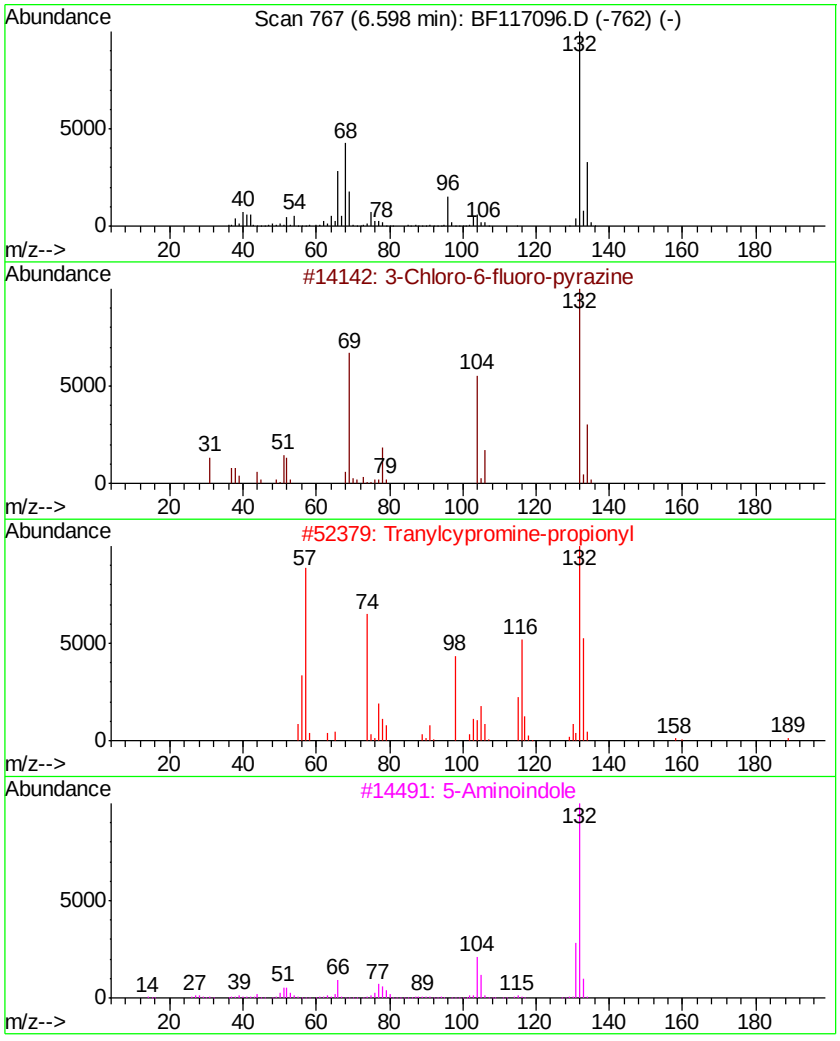
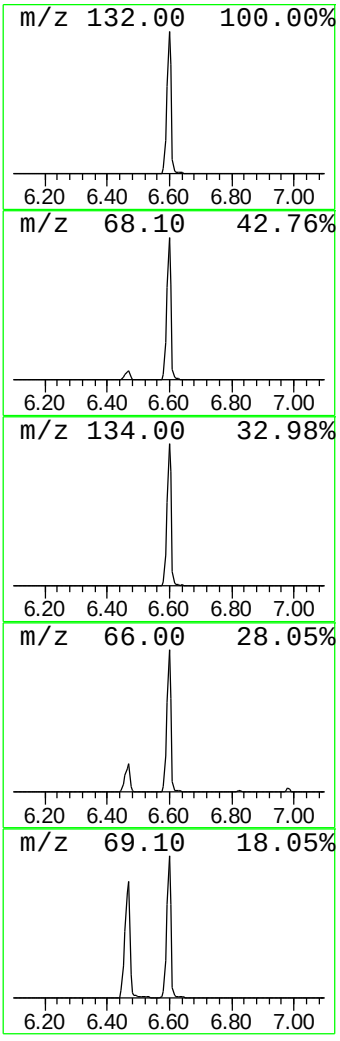
Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	100.19 ng	2256390	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117096.D
Acq On : 17 Sep 2019 10:24
Operator : HP/JU
Sample : PB123116BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123116BL

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

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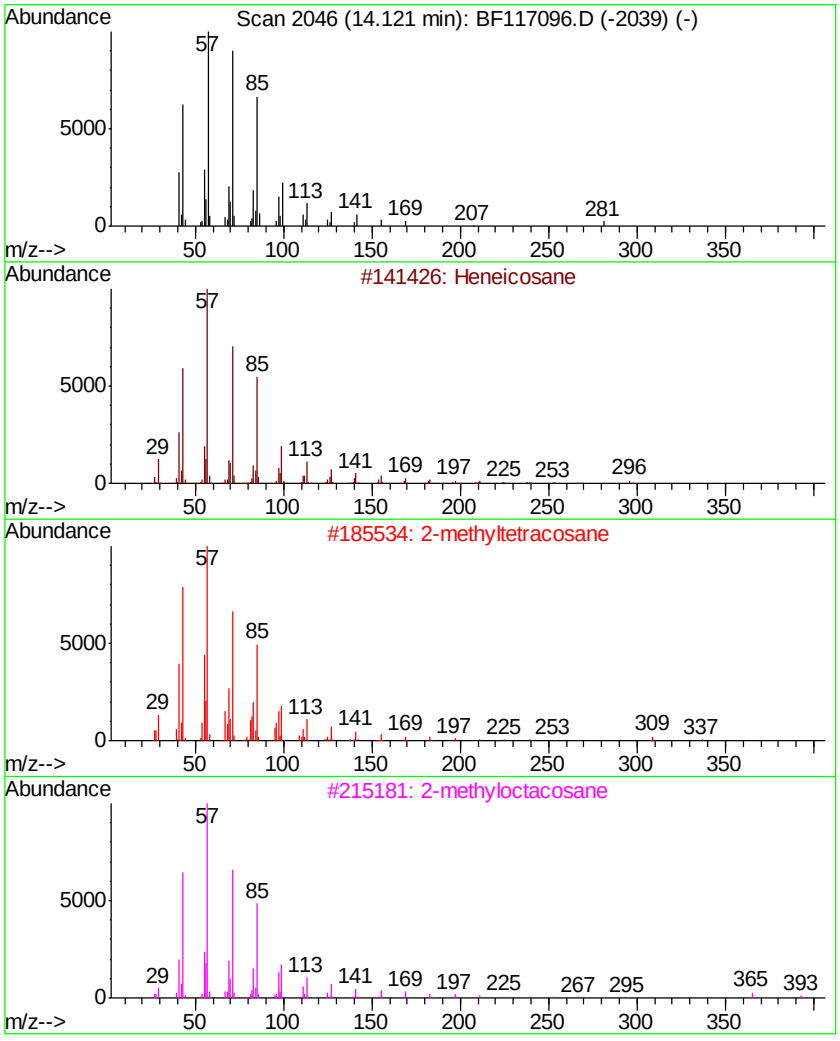
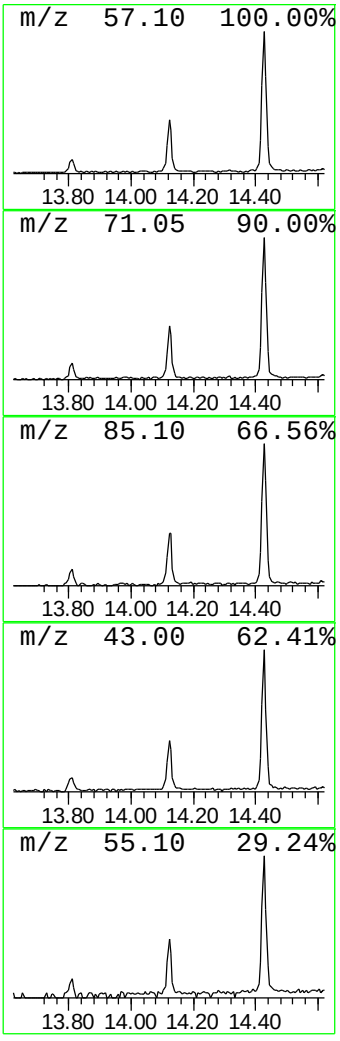
Peak Number 4 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	4.55 ng	100641	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyltetracosane	352	C25H52	1000376-72-6	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Hexacosane	366	C26H54	000630-01-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117096.D
Acq On : 17 Sep 2019 10:24
Operator : HP/JU
Sample : PB123116BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123116BL

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

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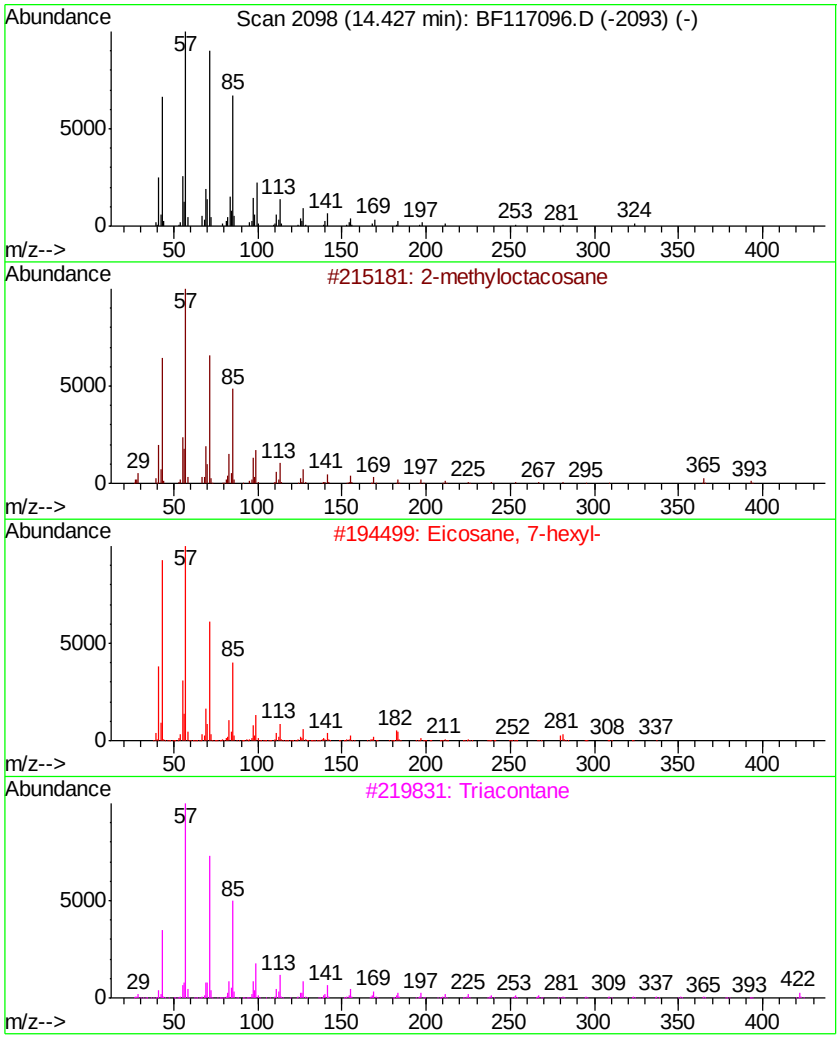
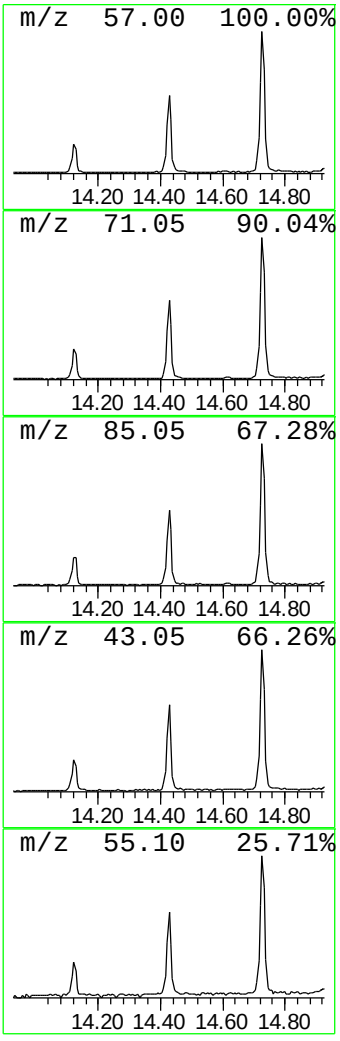
Peak Number 5 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	11.34 ng	250829	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	86
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117096.D
Acq On : 17 Sep 2019 10:24
Operator : HP/JU
Sample : PB123116BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123116BL

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

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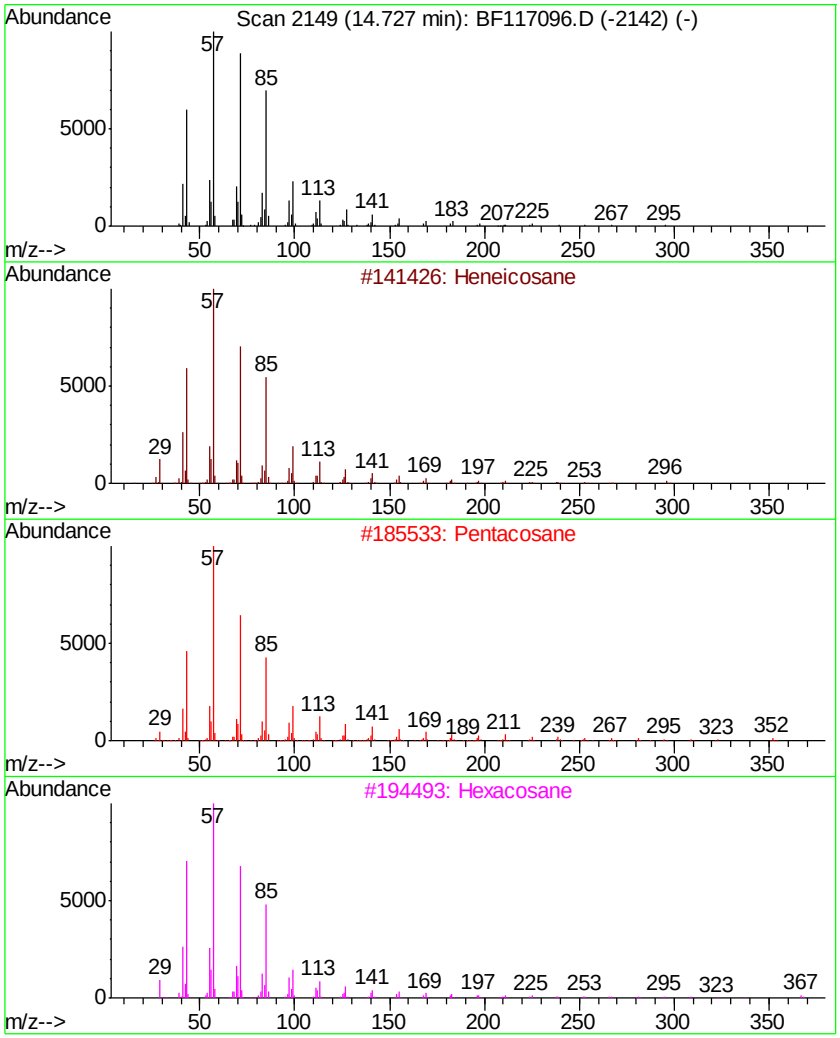
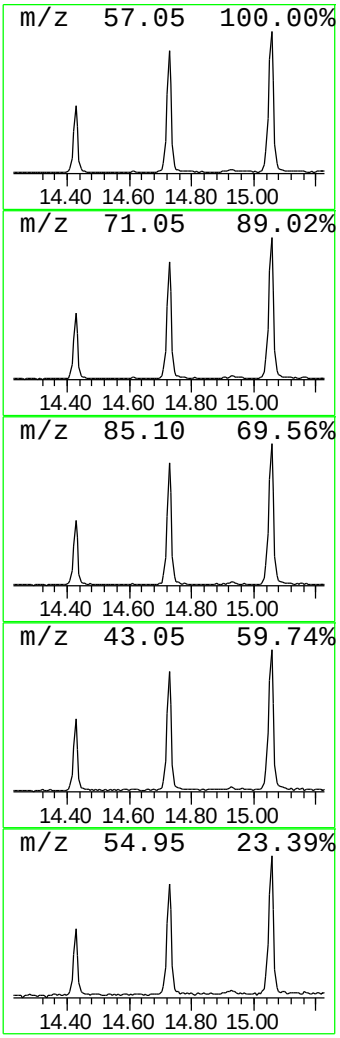
Peak Number 6 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	10.24 ng	489693	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentacosane	352	C25H52	000629-99-2	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
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Operator : HP/JU
Sample : PB123116BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123116BL

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

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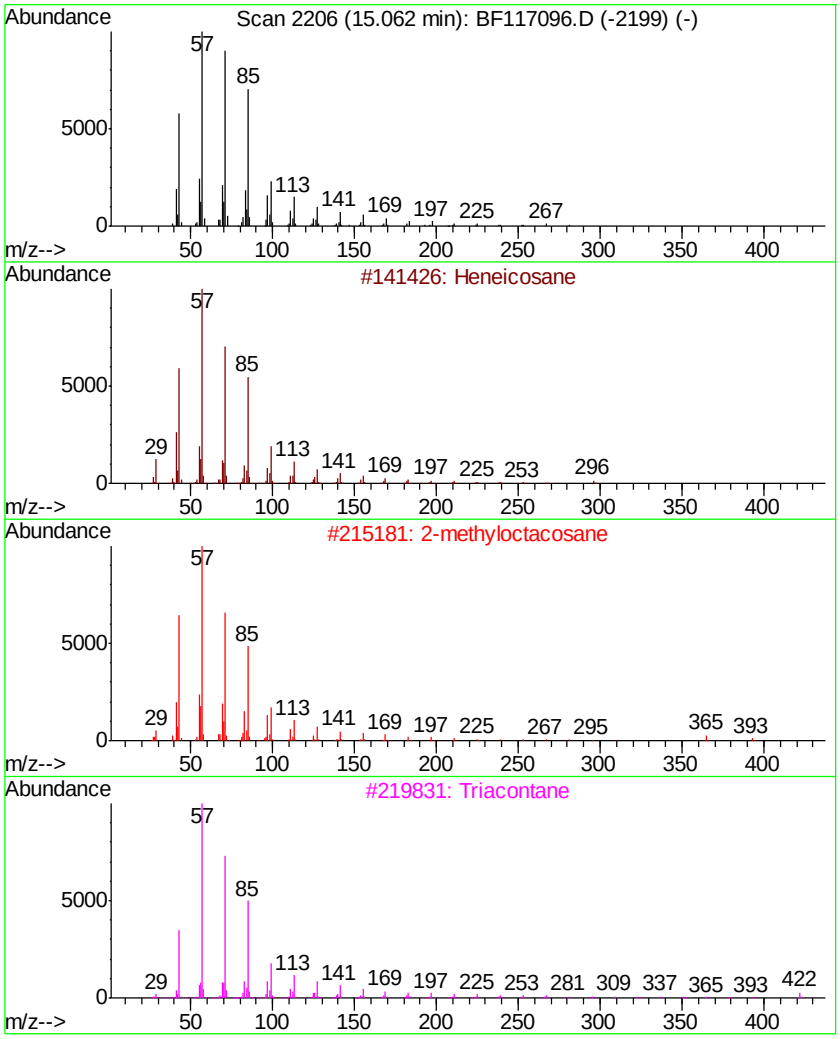
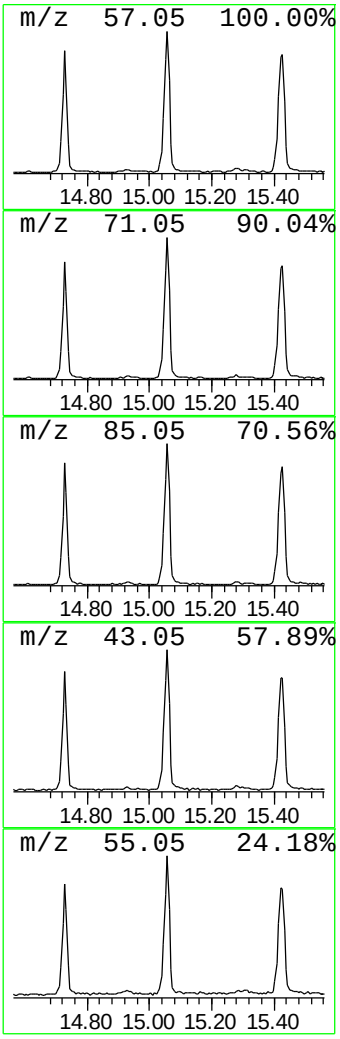
Peak Number 7 Triacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	13.07 ng	625045	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Triacontane	422	C30H62	000638-68-6	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117096.D
Acq On : 17 Sep 2019 10:24
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Sample : PB123116BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123116BL

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

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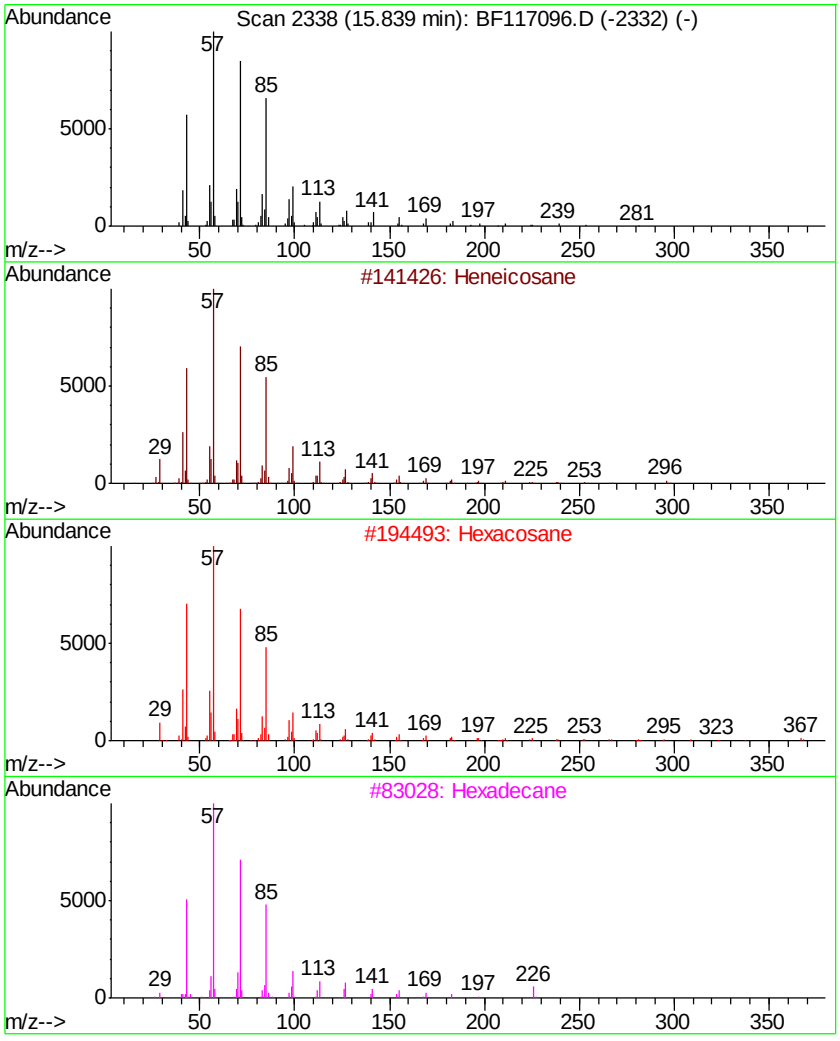
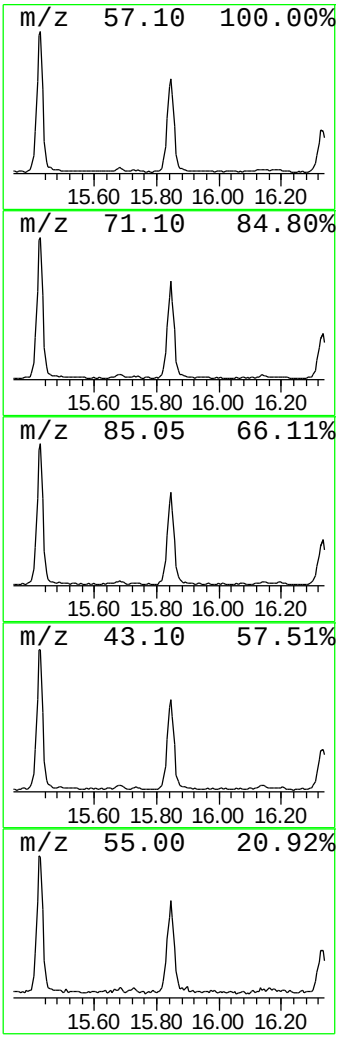
Peak Number 8 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	9.84 ng	470807	Perylene-d12	15.42

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	Hexadecane	226	C16H34	000544-76-3	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Eicosane	282	C20H42	000112-95-8	80





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Data File : BF117096.D
Acq On : 17 Sep 2019 10:24
Operator : HP/JU
Sample : PB123116BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123116BL

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

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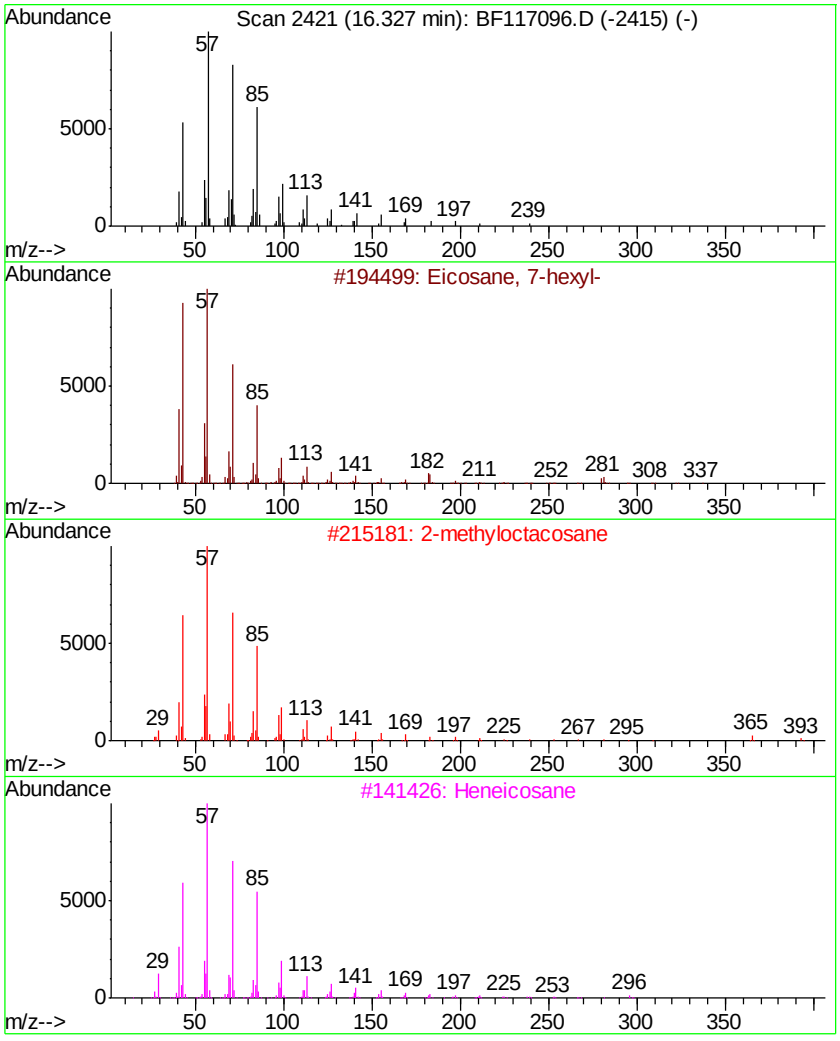
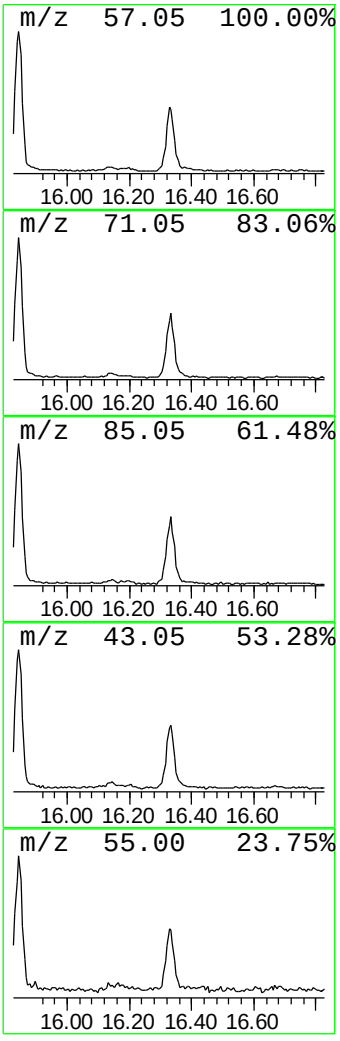
Peak Number 9 Eicosane, 7-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	5.14 ng	245932	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091719\
Data File : BF117096.D
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Misc :
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Instrument : BNA_F
ClientSampleId : PB123116BL

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
Butane, 2-methoxy...	2.16	3.5	ng	78691	1	6.82	450440	20.0
unknown6.60	6.60	100.2	ng	2256390	1	6.82	450440	20.0
Heneicosane	14.12	4.5	ng	100641	5	13.97	442532	20.0
2-methyloctacosane	14.43	11.3	ng	250829	5	13.97	442532	20.0
Pentacosane	14.73	10.2	ng	489693	6	15.42	956508	20.0
Triacontane	15.06	13.1	ng	625045	6	15.42	956508	20.0
Hexadecane	15.84	9.8	ng	470807	6	15.42	956508	20.0
Eicosane, 7-hexyl-	16.33	5.1	ng	245932	6	15.42	956508	20.0