LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115768.D
Acq On : 25 Jul 2019 20:00
Operator : HP/JU
Sample : K3990-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-B

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-BF071219.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	2.151	4	11	25	rVB	474202	640260	19.26%	2.089%
2	5.492	575	579	600	rBV	2356755	2261405	68.02%	7.377%
3	6.498	745	750	753	rBV	2487425	2314629	69.62%	7.551%
4	6.639	770	774	777	rBV	2828240	2455465	73.86%	8.010%
5	6.869	809	813	817	rBV	901596	723706	21.77%	2.361%
6	7.028	836	840	843	rBV	2198195	1910710	57.47%	6.233%
7	7.428	903	908	924	rBV	1622142	1555109	46.78%	5.073%
8	8.151	1027	1031	1038	rBV	889364	893286	26.87%	2.914%
9	9.222	1209	1213	1229	rBV	2697133	2851920	85.78%	9.304%
10	9.616	1276	1280	1292	rBV	398414	389746	11.72%	1.271%
11	9.904	1325	1329	1344	rBV	1302159	1163032	34.98%	3.794%
12	10.692	1459	1463	1480	rBV	2019305	2039905	61.36%	6.655%
13	11.386	1578	1581	1591	rBV	1259035	1251463	37.64%	4.083%
14	11.916	1667	1671	1688	rBV	407353	448702	13.50%	1.464%
15	12.698	1801	1804	1816	rBV	139849	183249	5.51%	0.598%
16	12.974	1846	1851	1854	rBV	3456476	3324526	100.00%	10.845%
17	13.868	2000	2003	2005	rBV	78587	75241	2.26%	0.245%
18	13.910	2005	2010	2026	rVV4	97916	379007	11.40%	1.236%
19	14.027	2026	2030	2041	rVB	1192781	1173298	35.29%	3.828%
20	14.186	2053	2057	2062	rBV	261186	219095	6.59%	0.715%
21	14.492	2105	2109	2113	rBV	550564	455637	13.71%	1.486%
22	14.798	2157	2161	2170	rVB	781861	751179	22.60%	2.451%
23	15.133	2214	2218	2227	rBV	795570	884340	26.60%	2.885%
24	15.498	2274	2280	2281	rBV	768454	963510	28.98%	3.143%
25	15.951	2351	2357	2364	rBV	485979	727165	21.87%	2.372%
26	16.456	2437	2443	2450	rBV	236205	420995	12.66%	1.373%
27	17.050	2537	2544	2552	rBV2	70660	144614	4.35%	0.472%
28	17.750	2659	2663	2672	rVB5	23158	52447	1.58%	0.171%

Sum of corrected areas: 30653641

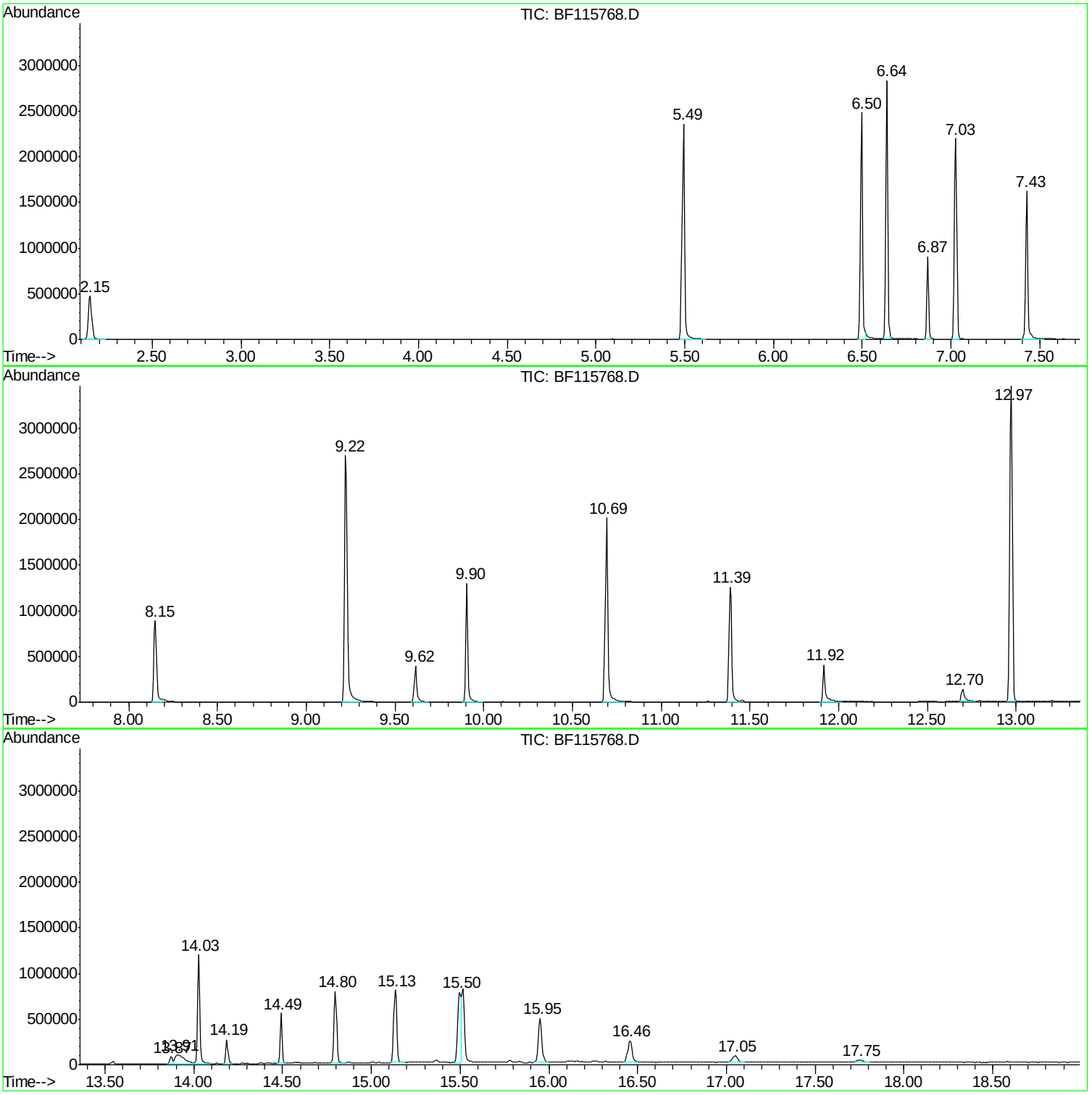
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115768.D
Acq On : 25 Jul 2019 20:00
Operator : HP/JU
Sample : K3990-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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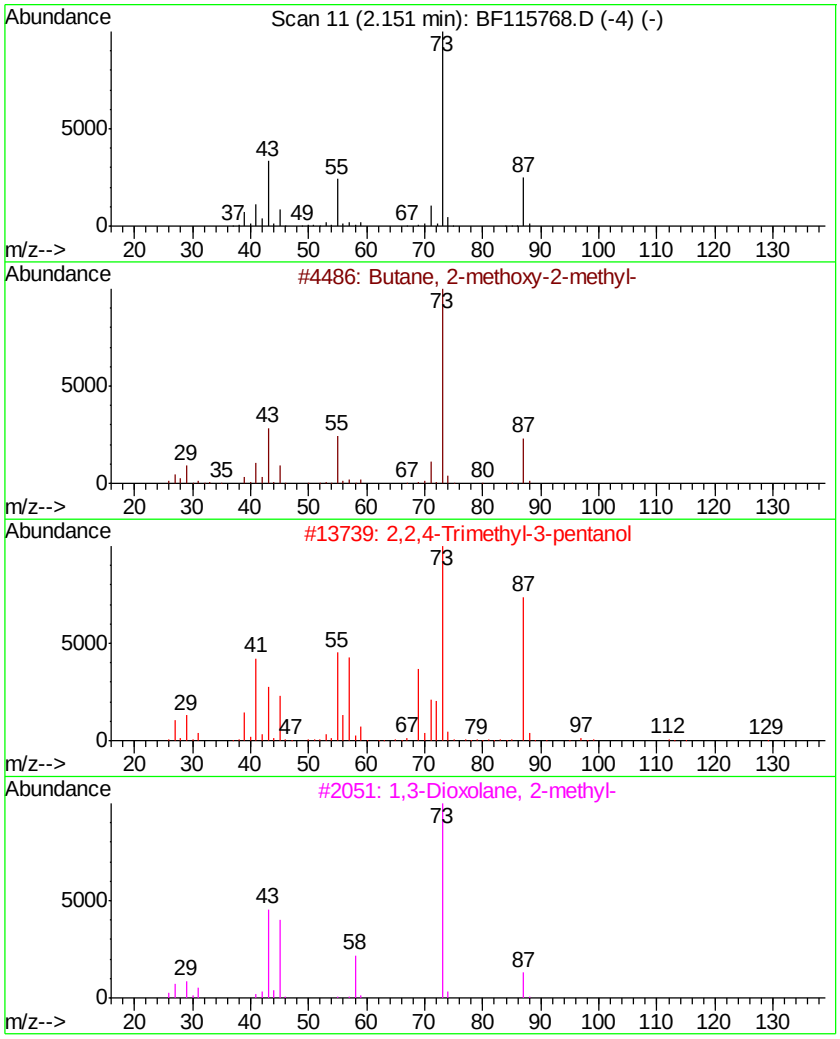
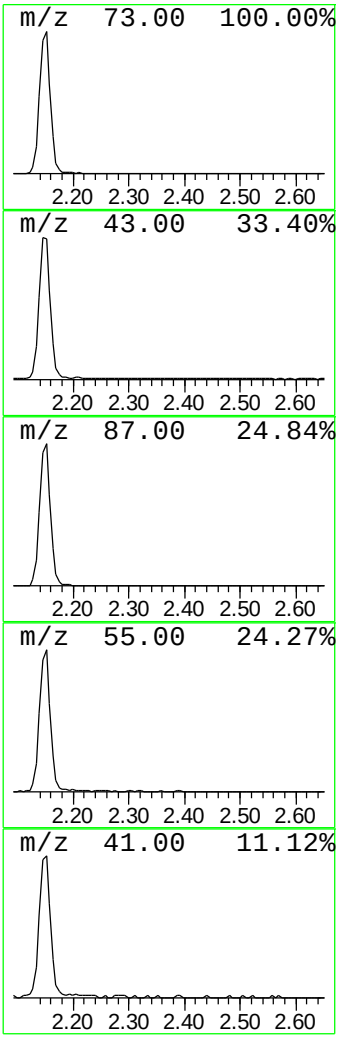
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	17.69 ng	640260	1,4-Dichlorobenzene-d4	6.87

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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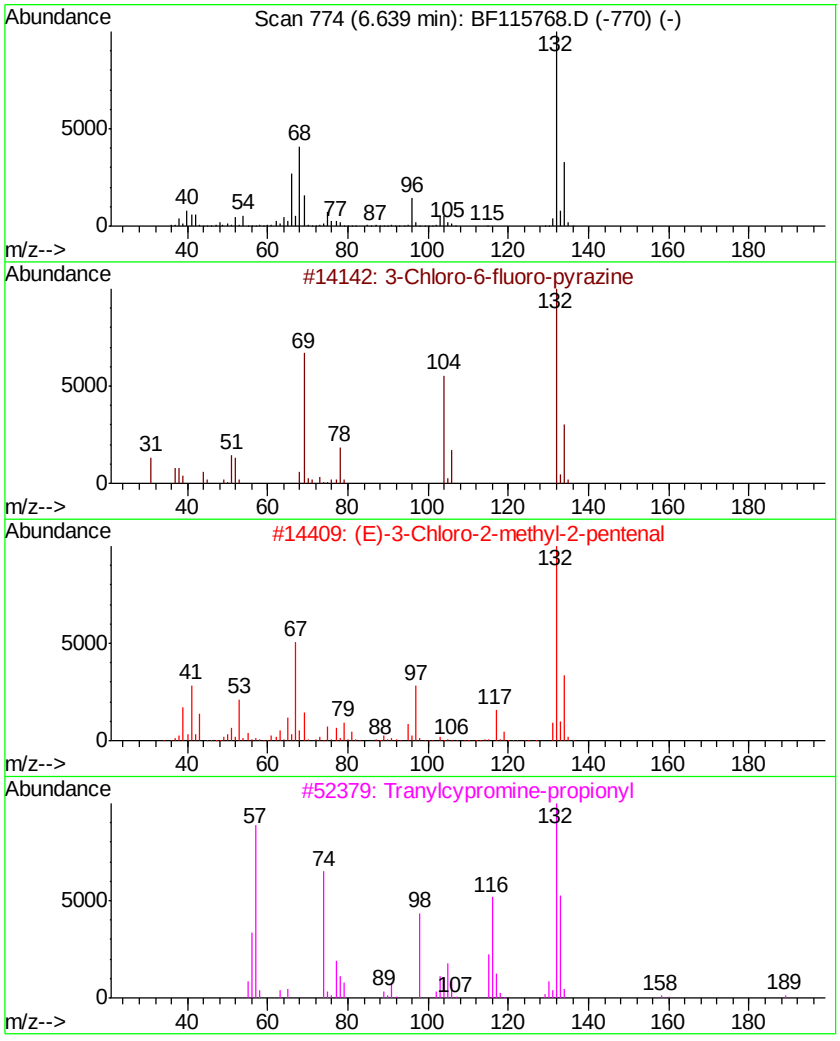
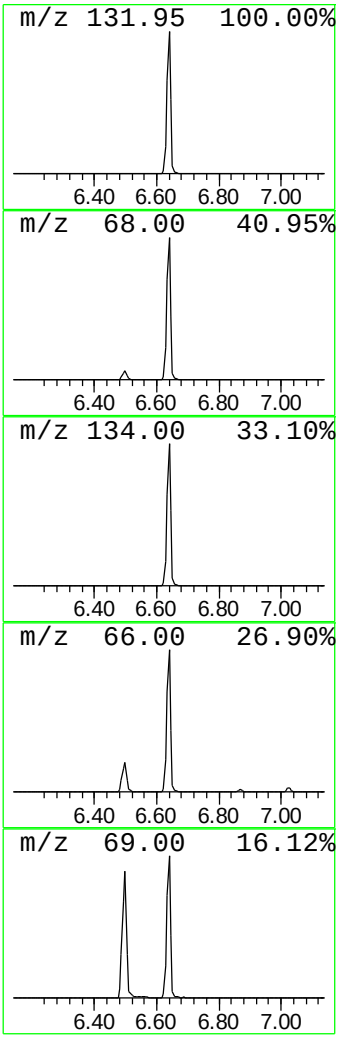
Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	67.86 ng	2455470	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : K3990-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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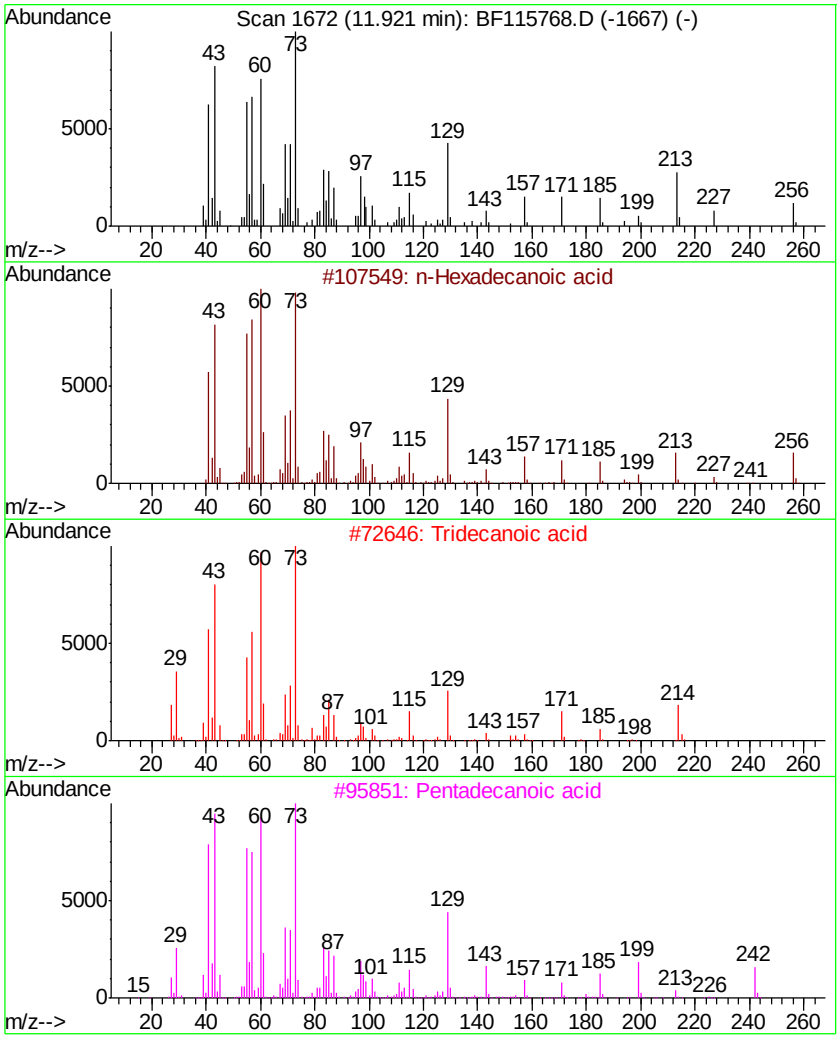
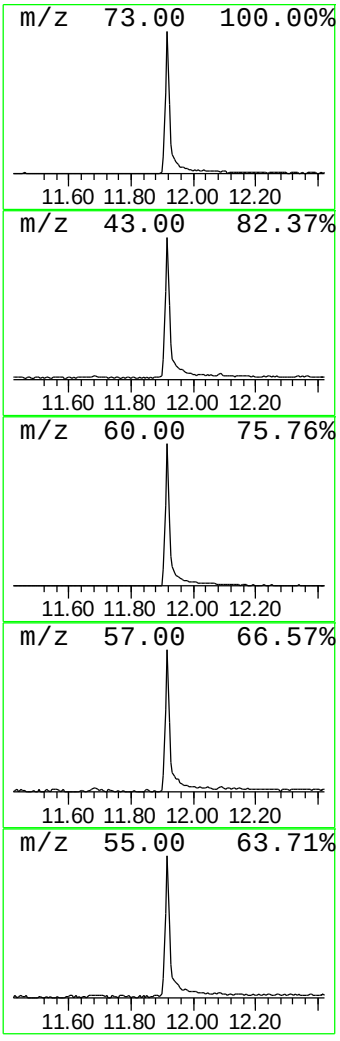
Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.17 ng	448702	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Library Search Compound Report

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Data File : BF115768.D
Acq On : 25 Jul 2019 20:00
Operator : HP/JU
Sample : K3990-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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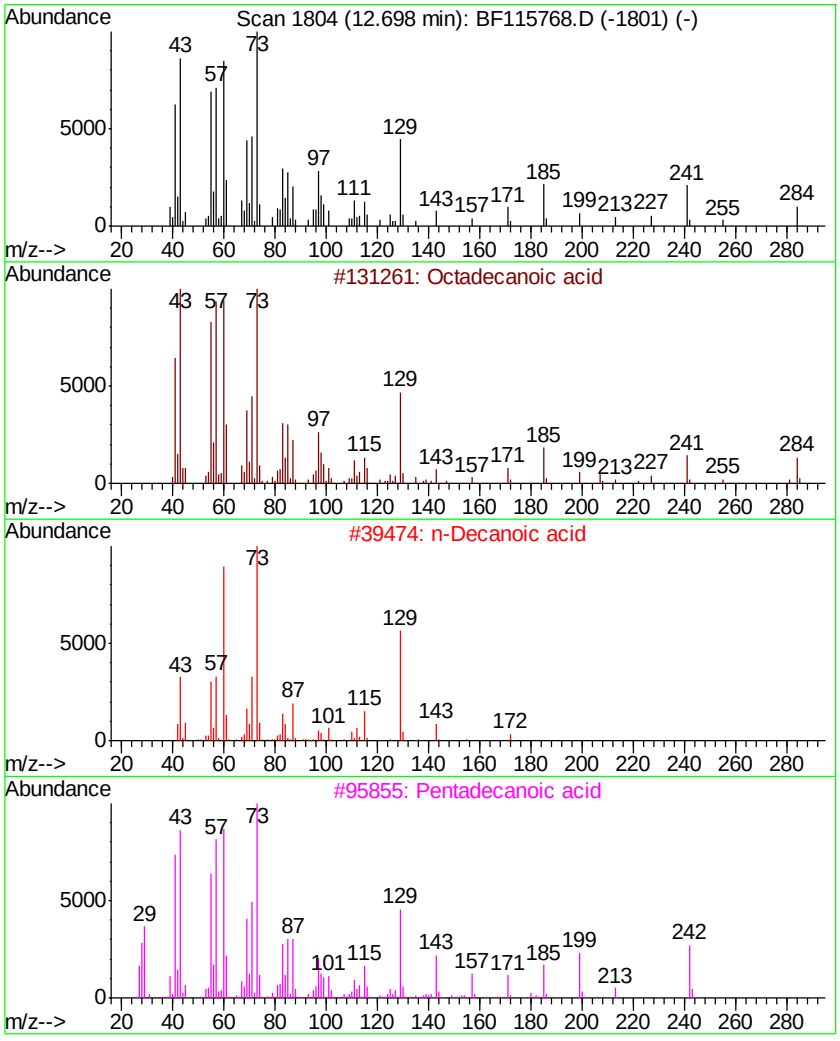
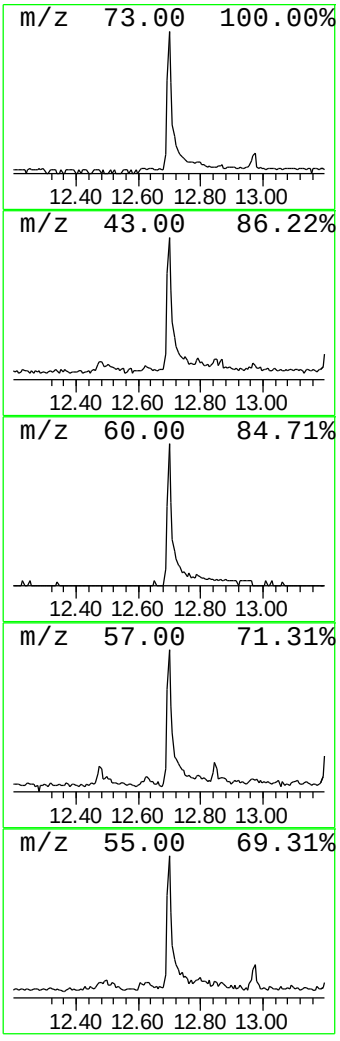
Peak Number 5 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.93 ng	183249	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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Acq On : 25 Jul 2019 20:00
Operator : HP/JU
Sample : K3990-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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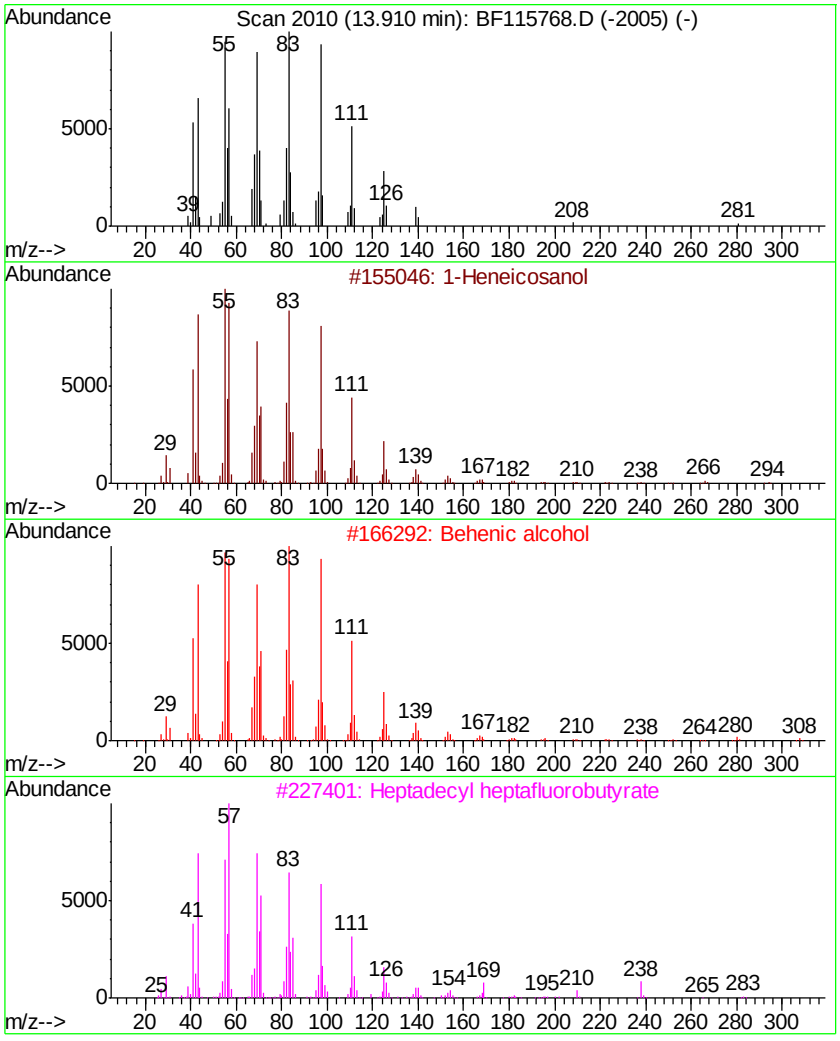
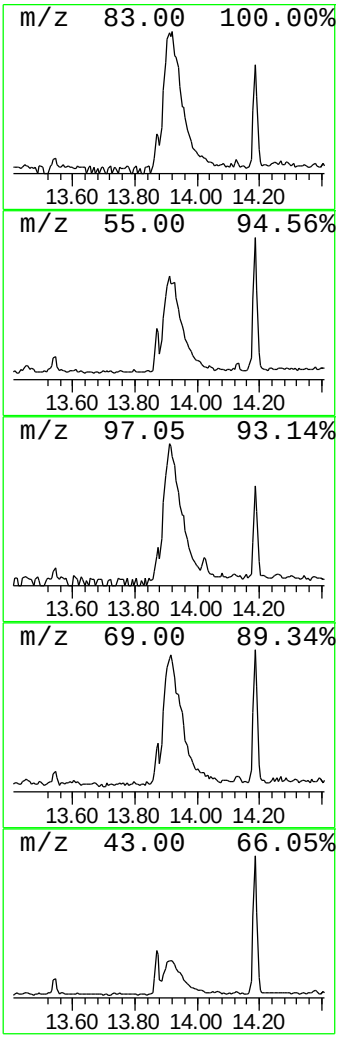
Peak Number 6 1-Heneicosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	6.46 ng	379007	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	74
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	74





Library Search Compound Report

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Sample : K3990-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

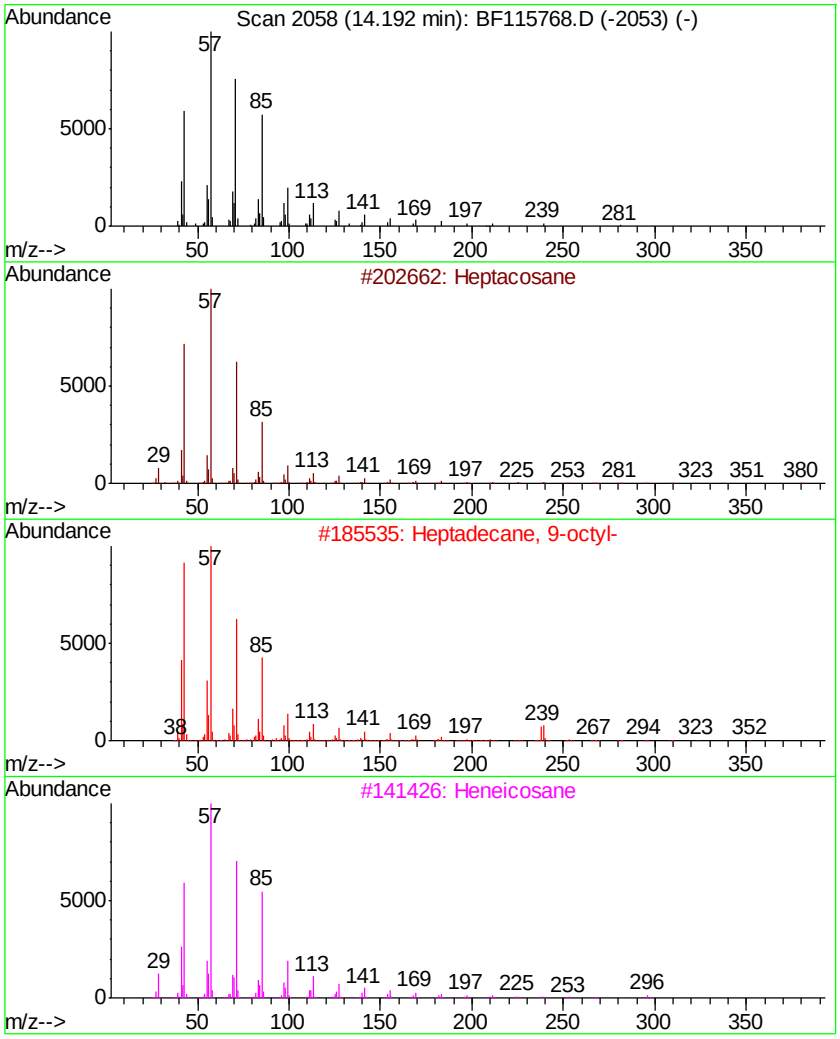
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

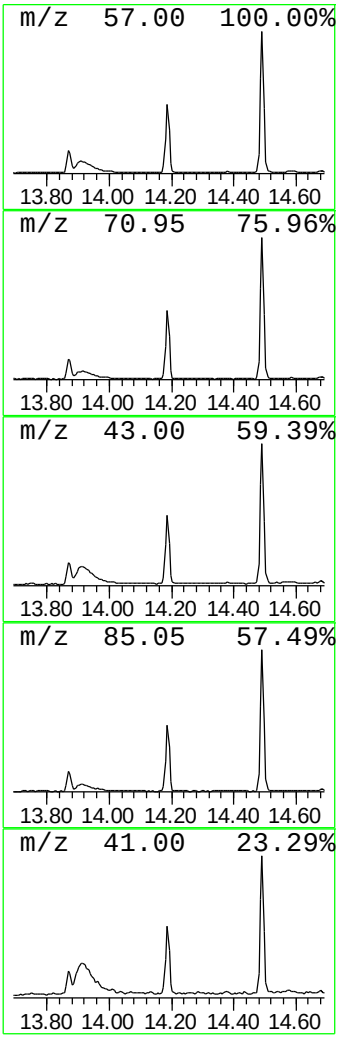
****

Peak Number 7 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	3.73 ng	219095	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

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Operator : HP/JU
Sample : K3990-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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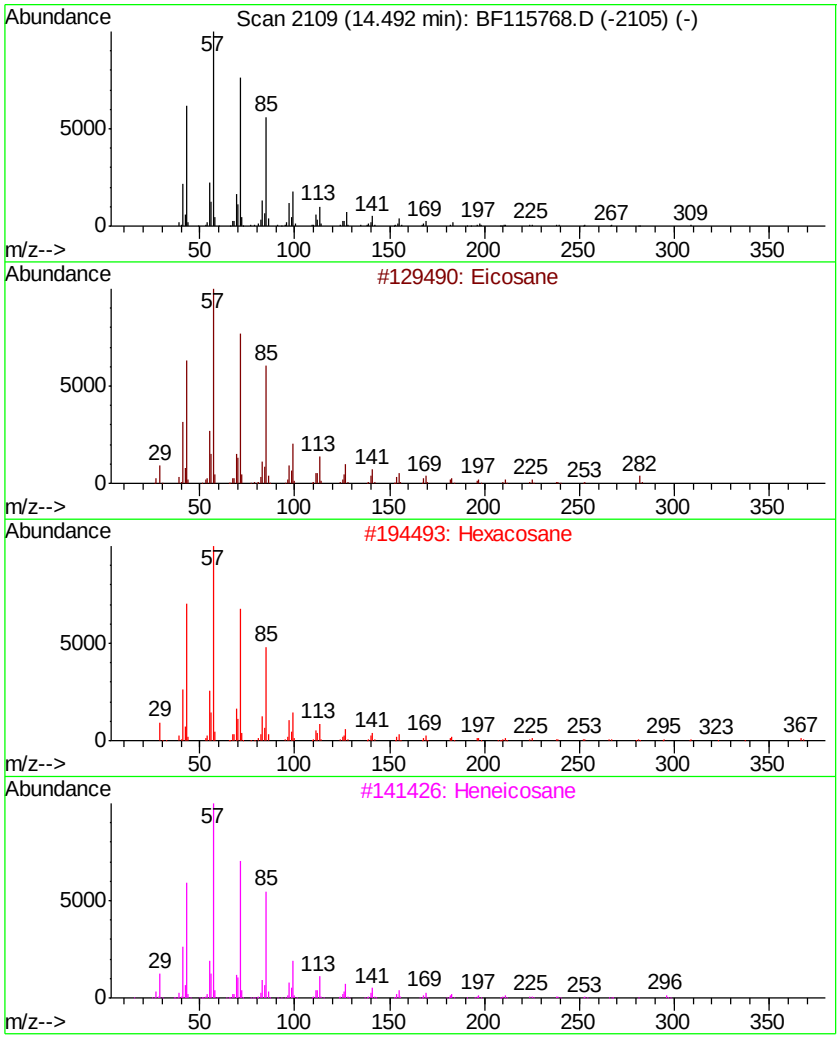
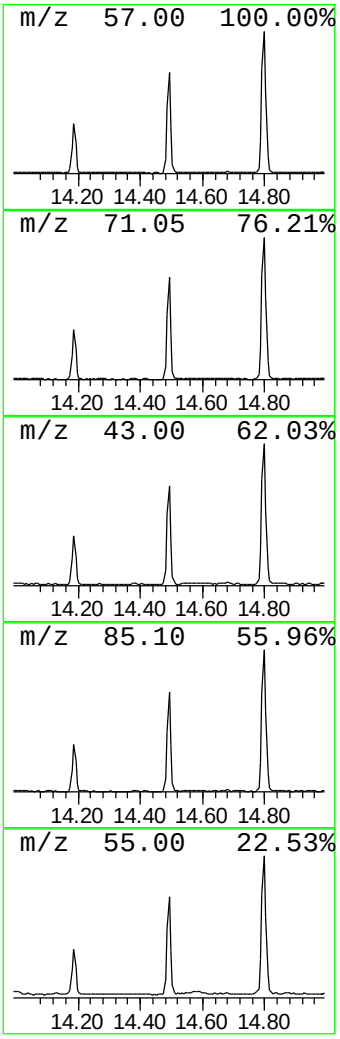
Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	7.77 ng	455637	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2-B

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

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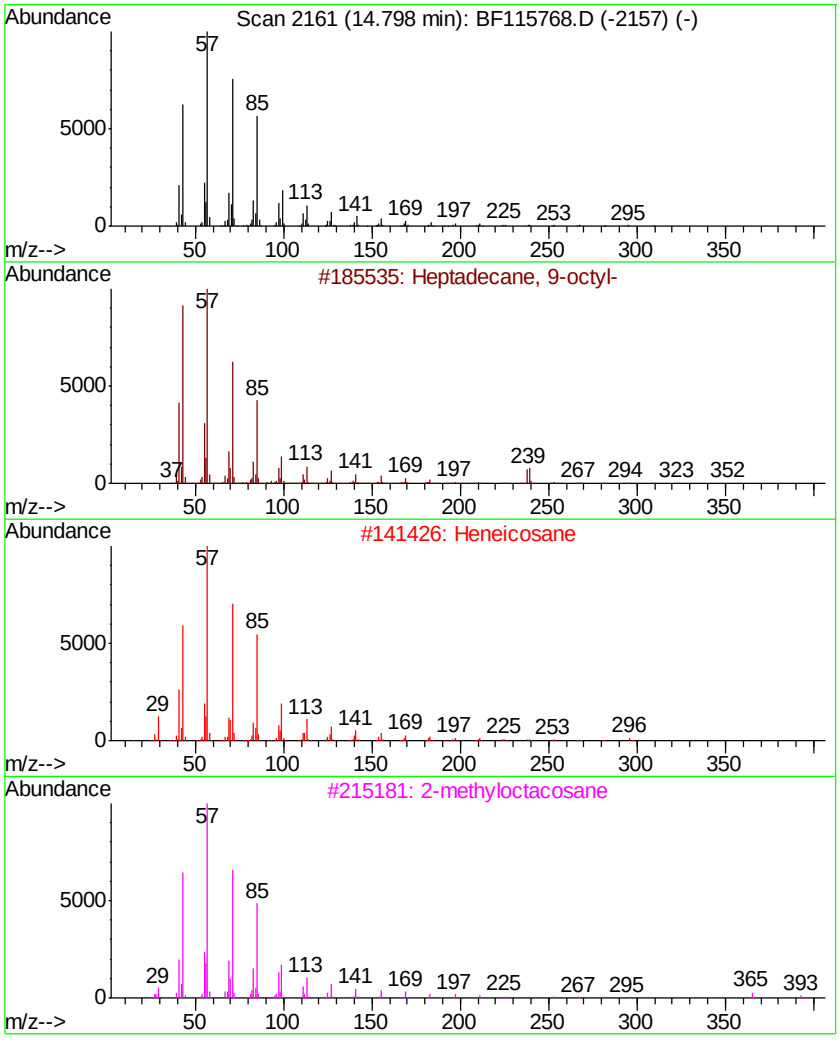
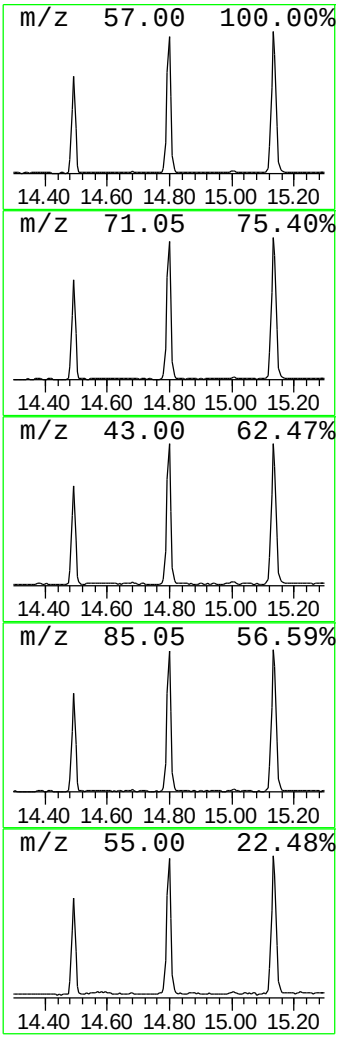
Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	15.59 ng	751179	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Instrument : BNA_F
ClientSampleId : TP-2-B

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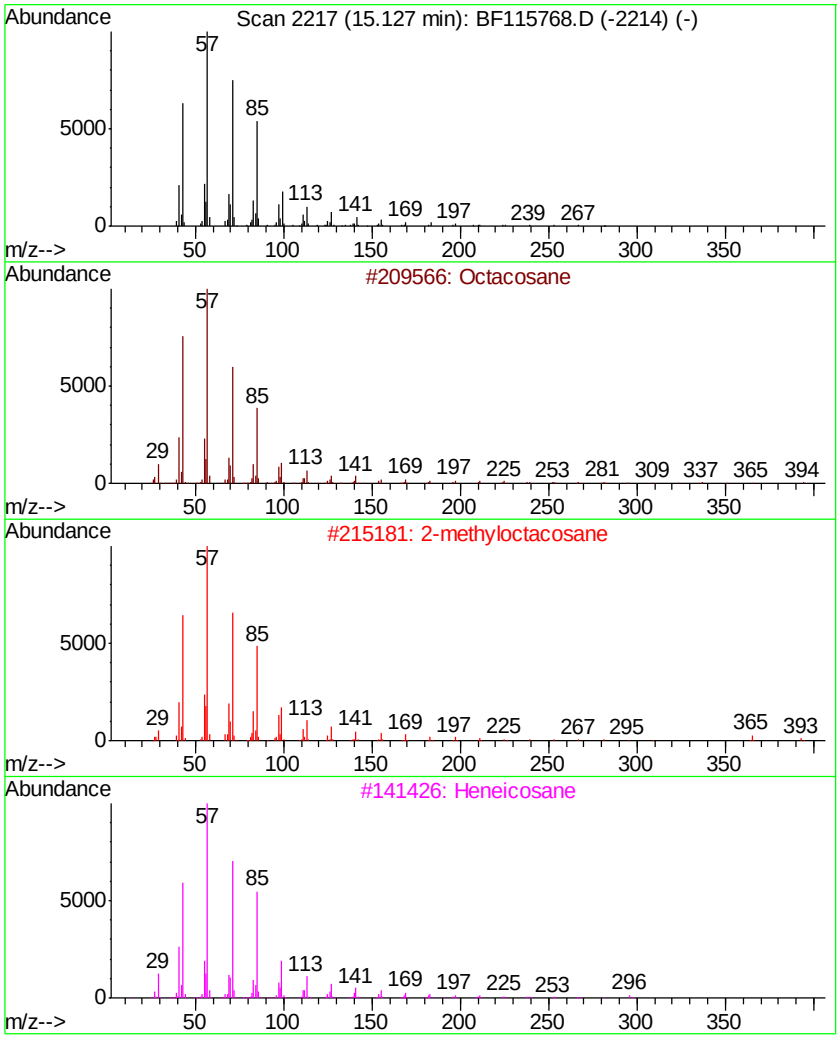
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

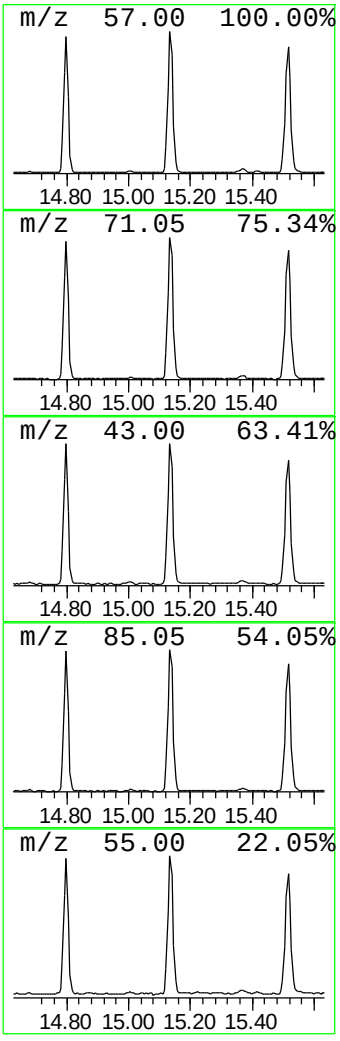
****

Peak Number 10 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	18.36 ng	884340	Perylene-d12	15.50

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	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Data File : BF115768.D
Acq On : 25 Jul 2019 20:00
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Sample : K3990-04
Misc :
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Instrument : BNA_F
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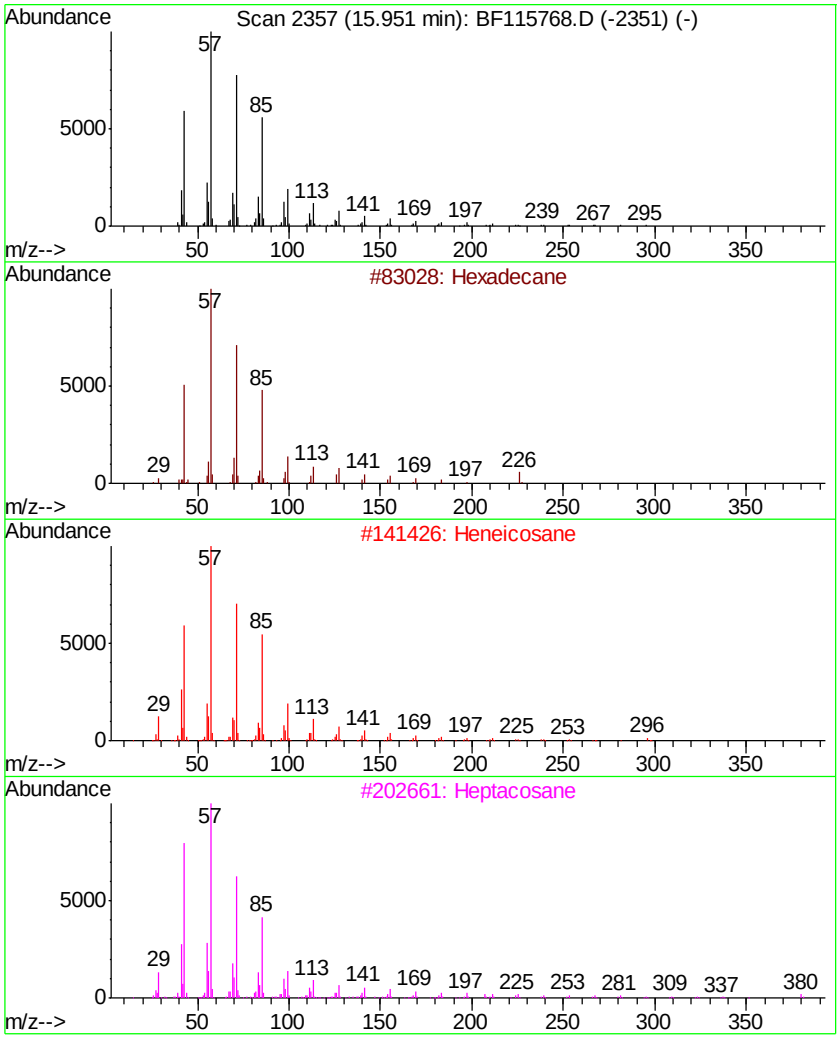
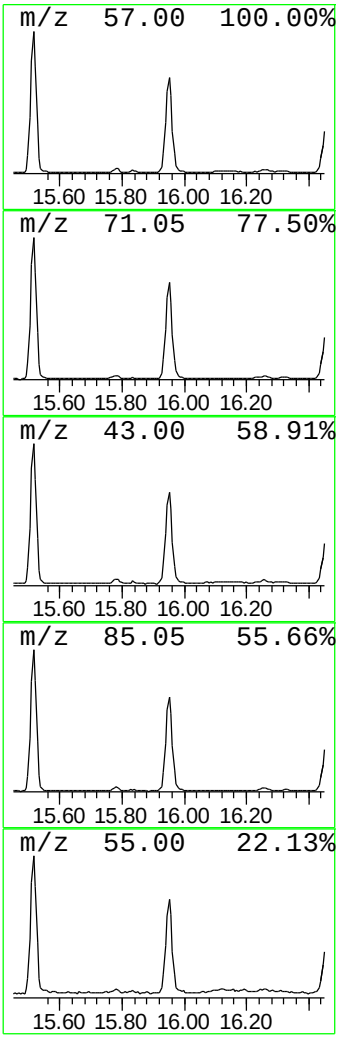
Peak Number 11 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	15.09 ng	727165	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115768.D
Acq On : 25 Jul 2019 20:00
Operator : HP/JU
Sample : K3990-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

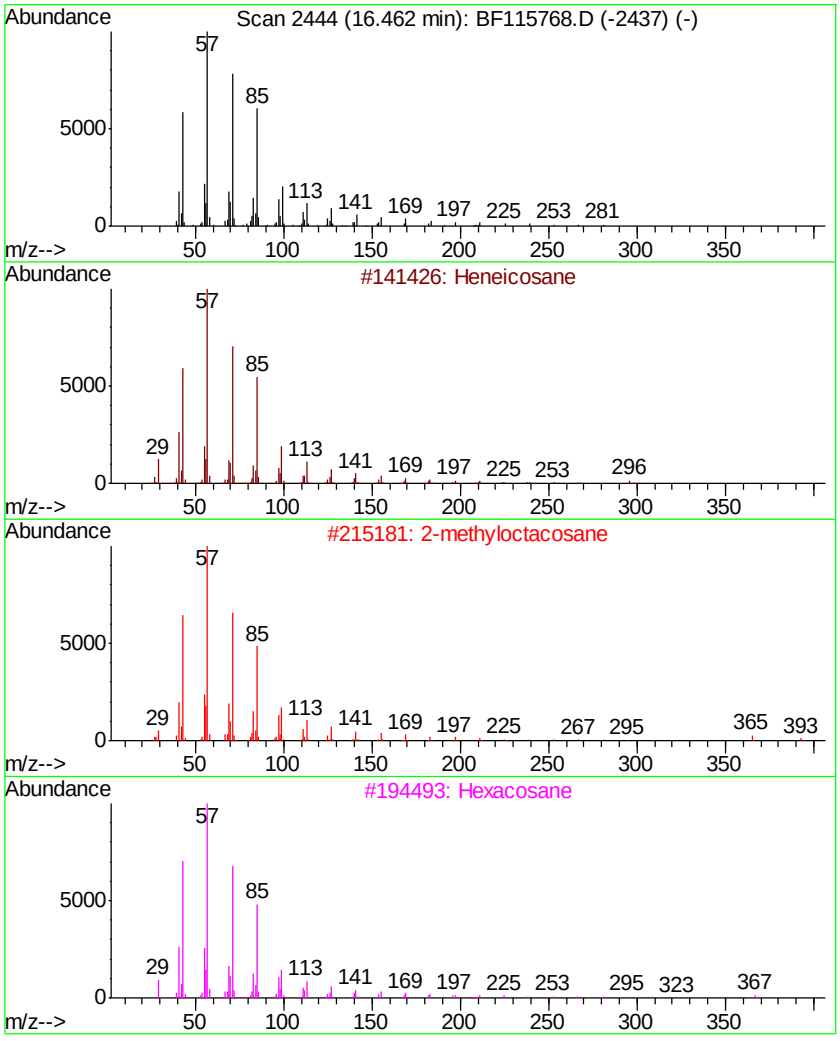
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

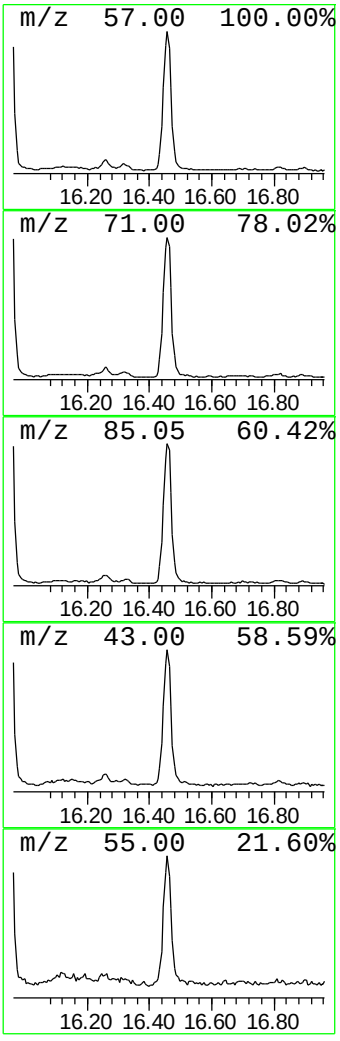
****

Peak Number 12 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	8.74 ng	420995	Perylene-d12	15.50

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	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
Data File : BF115768.D
Acq On : 25 Jul 2019 20:00
Operator : HP/JU
Sample : K3990-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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...	2.15	17.7	ng	640260	1	6.87	723706	20.0
unknown6.64	6.64	67.9	ng	2455470	1	6.87	723706	20.0
n-Hexadecanoic acid	11.92	7.2	ng	448702	4	11.39	1251460	20.0
Octadecanoic acid	12.70	2.9	ng	183249	4	11.39	1251460	20.0
1-Heneicosanol	13.91	6.5	ng	379007	5	14.03	1173300	20.0
Heptacosane	14.19	3.7	ng	219095	5	14.03	1173300	20.0
Eicosane	14.49	7.8	ng	455637	5	14.03	1173300	20.0
Heptadecane, 9-oc...	14.80	15.6	ng	751179	6	15.50	963510	20.0
Octacosane	15.13	18.4	ng	884340	6	15.50	963510	20.0
Hexadecane	15.95	15.1	ng	727165	6	15.50	963510	20.0
Heneicosane	16.46	8.7	ng	420995	6	15.50	963510	20.0