LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115766.D
Acq On : 25 Jul 2019 19:07
Operator : HP/JU
Sample : K3990-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-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	2.157	4	12	22	rBV	578310	782345	19.22%	2.382%
2	5.492	575	579	599	rBV	2667875	2613467	64.19%	7.957%
3	6.498	745	750	753	rBV	2672450	2685020	65.95%	8.175%
4	6.639	770	774	778	rBV	3084518	2832197	69.56%	8.623%
5	6.869	809	813	817	rBV	1072276	852779	20.94%	2.597%
6	7.028	836	840	843	rBV	2510434	2169960	53.30%	6.607%
7	7.428	903	908	920	rBV	1901321	1804137	44.31%	5.493%
8	8.151	1027	1031	1052	rBV	1144310	1102361	27.07%	3.356%
9	9.227	1209	1214	1229	rBV	3333067	3411126	83.78%	10.386%
10	9.616	1276	1280	1294	rBV	485760	456151	11.20%	1.389%
11	9.904	1325	1329	1346	rVB	1537744	1372900	33.72%	4.180%
12	10.692	1459	1463	1481	rBV	2280029	2368138	58.16%	7.211%
13	11.392	1578	1582	1590	rBV	1496097	1479749	36.34%	4.506%
14	11.916	1667	1671	1688	rBV2	181926	233661	5.74%	0.711%
15	12.698	1801	1804	1817	rBV	29473	51241	1.26%	0.156%
16	12.974	1846	1851	1854	rBV	4126576	4071516	100.00%	12.397%
17	13.451	1924	1932	1939	rBV	149913	223851	5.50%	0.682%
18	13.898	2000	2008	2026	rBV4	138001	572442	14.06%	1.743%
19	14.027	2026	2030	2043	rVB	1483220	1389969	34.14%	4.232%
20	14.492	2105	2109	2112	rBV	81655	77339	1.90%	0.235%
21	14.774	2154	2157	2159	rBV	131428	162008	3.98%	0.493%
22	14.798	2159	2161	2166	rVV	150871	150590	3.70%	0.459%
23	14.874	2170	2174	2178	rVB	51083	56361	1.38%	0.172%
24	15.133	2214	2218	2224	rBV	143850	158207	3.89%	0.482%
25	15.498	2274	2280	2299	rBV	847870	1403015	34.46%	4.272%
26	15.951	2352	2357	2365	rVB	115739	176257	4.33%	0.537%
27	16.456	2437	2443	2454	rBV2	67805	134819	3.31%	0.410%
28	17.045	2538	2543	2550	rVB2	25033	51281	1.26%	0.156%

Sum of corrected areas: 32842887

LSC Report - Integrated Chromatogram

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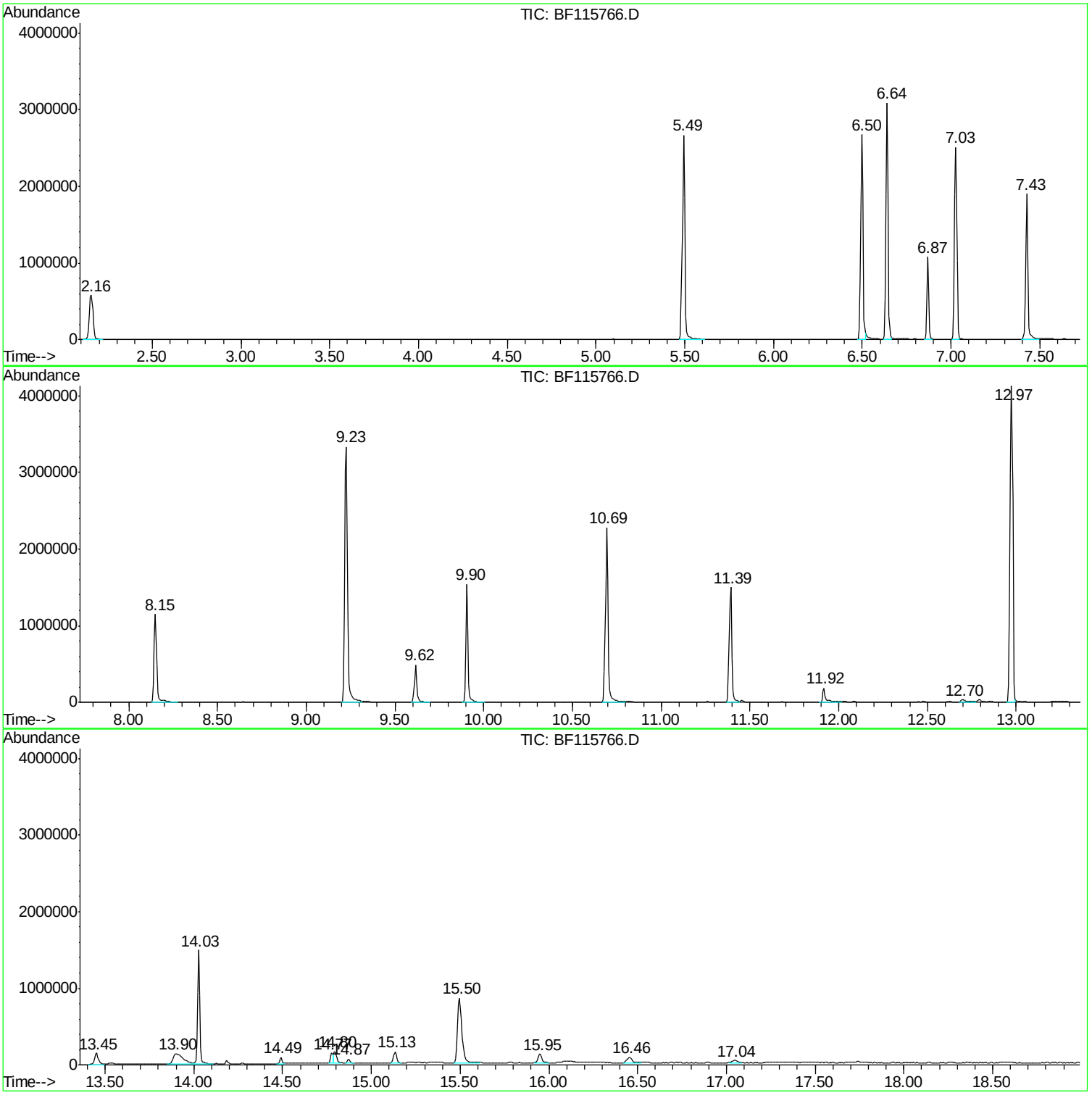
Operator : HP/JU
Sample : K3990-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115766.D
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Operator : HP/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-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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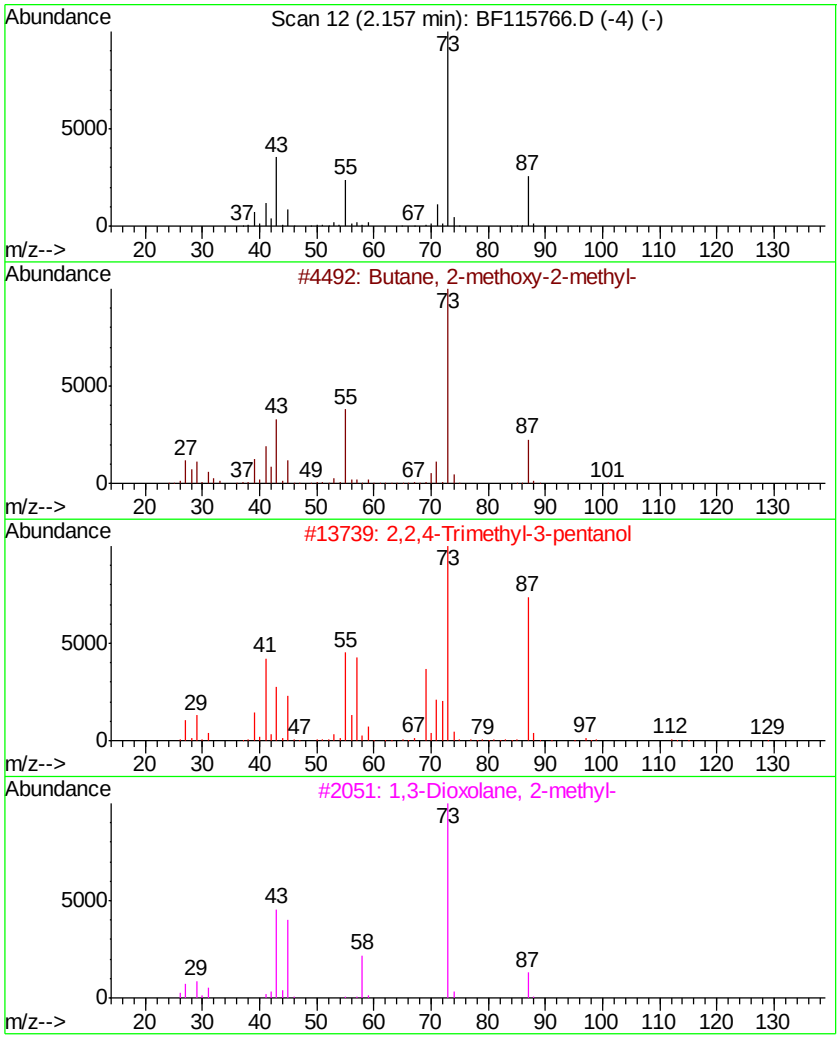
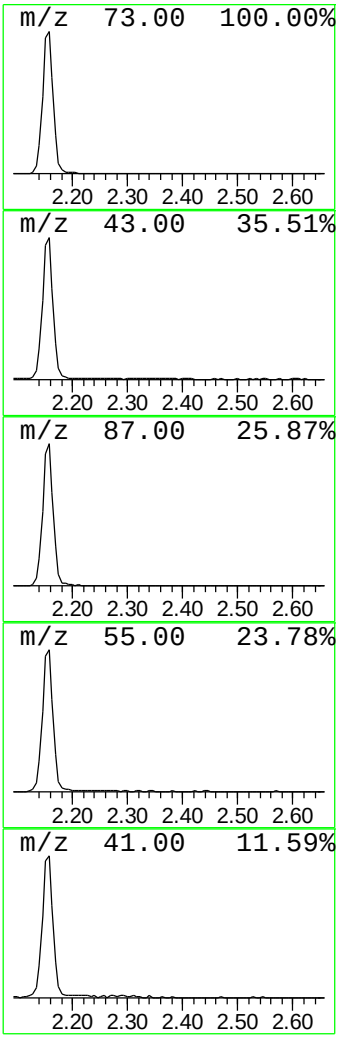
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	18.35 ng	782345	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





Library Search Compound Report

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Data File : BF115766.D
Acq On : 25 Jul 2019 19:07
Operator : HP/JU
Sample : K3990-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-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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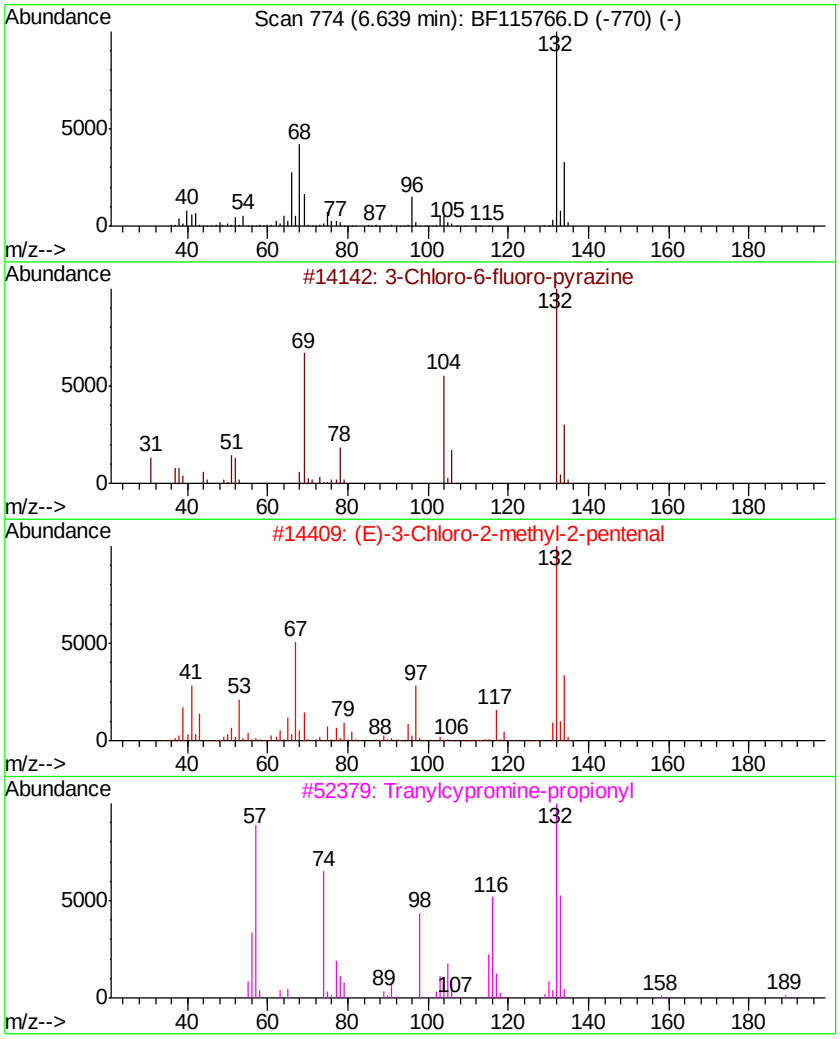
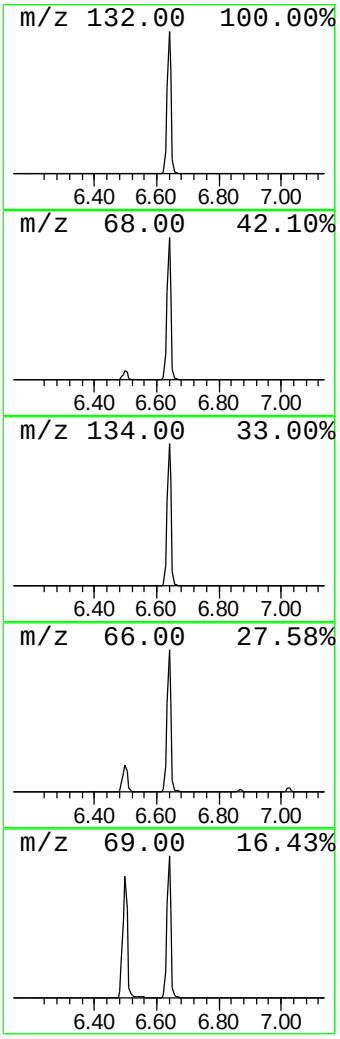
Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	66.42 ng	2832200	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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	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 : 25 Jul 2019 19:07
Operator : HP/JU
Sample : K3990-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-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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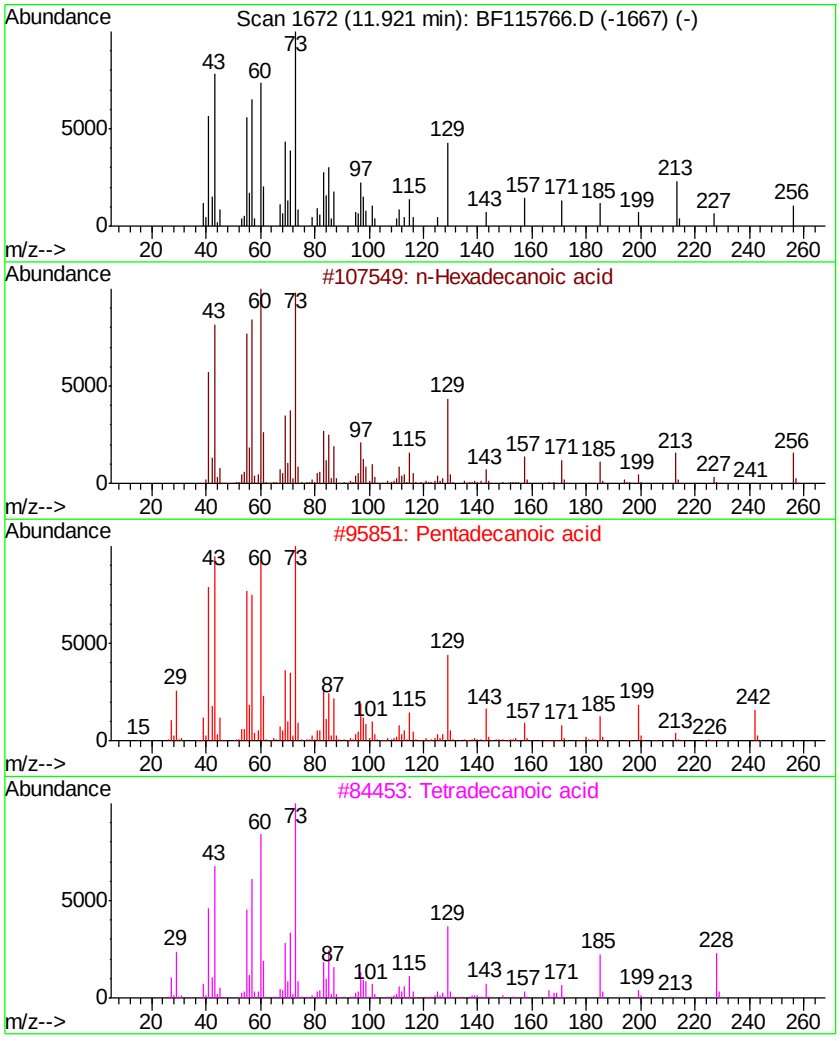
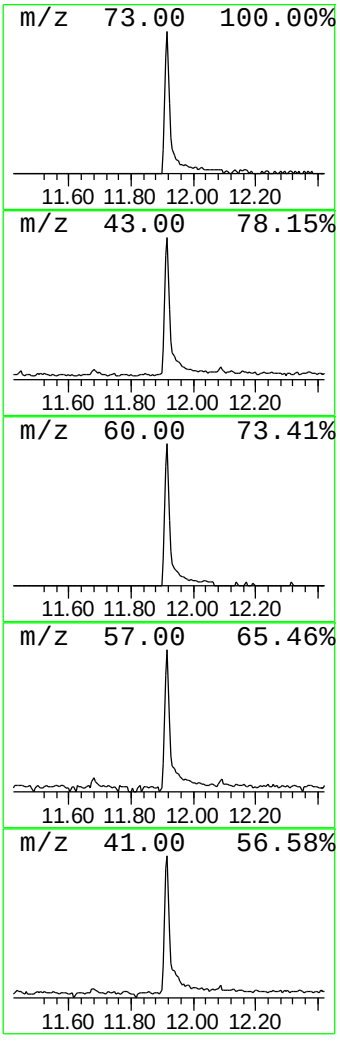
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.16 ng	233661	Phenanthrene-d10	11.39

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	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115766.D
Acq On : 25 Jul 2019 19:07
Operator : HP/JU
Sample : K3990-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-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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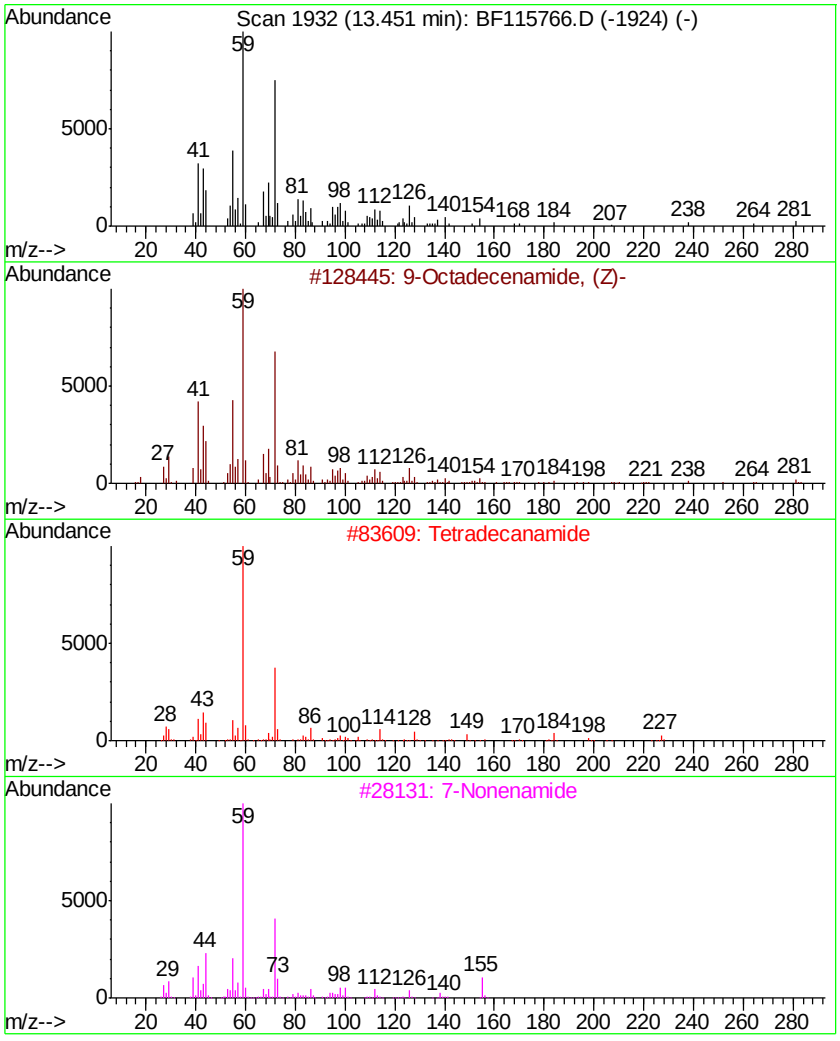
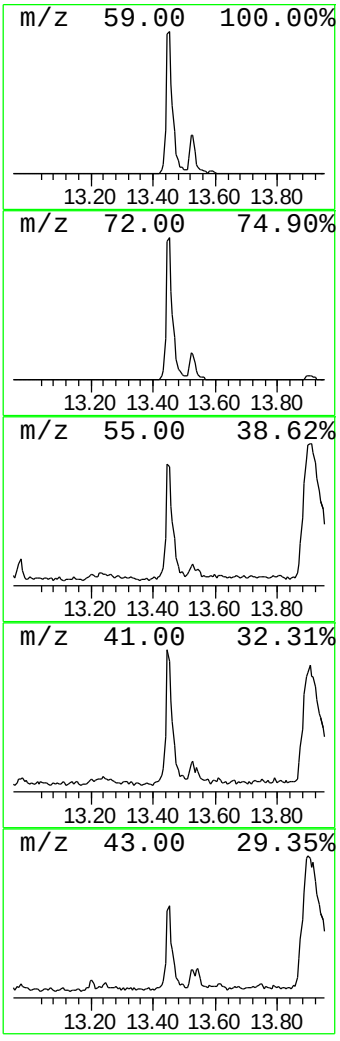
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	3.22 ng	223851	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Tetradecanamide	227	C14H29NO	000638-58-4	64
3	7-Nonenamide	155	C9H17NO	090949-53-4	50
4	Dodecanamide	199	C12H25NO	001120-16-7	43
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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Sample : K3990-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-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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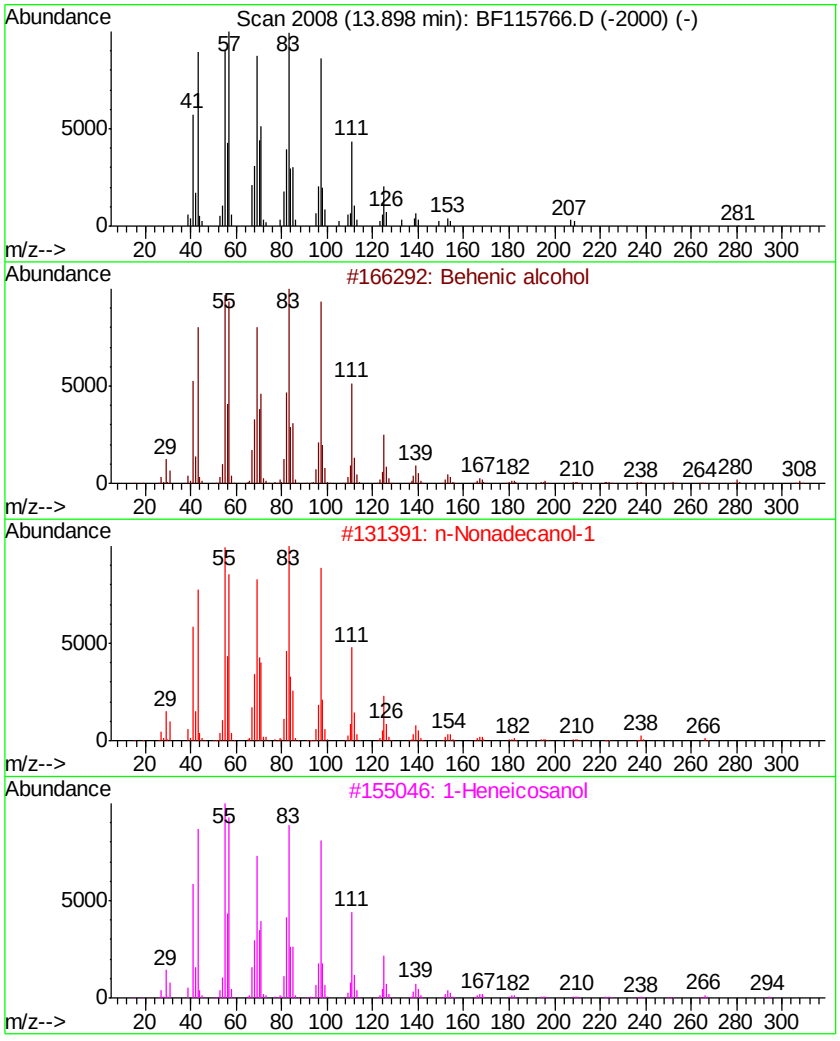
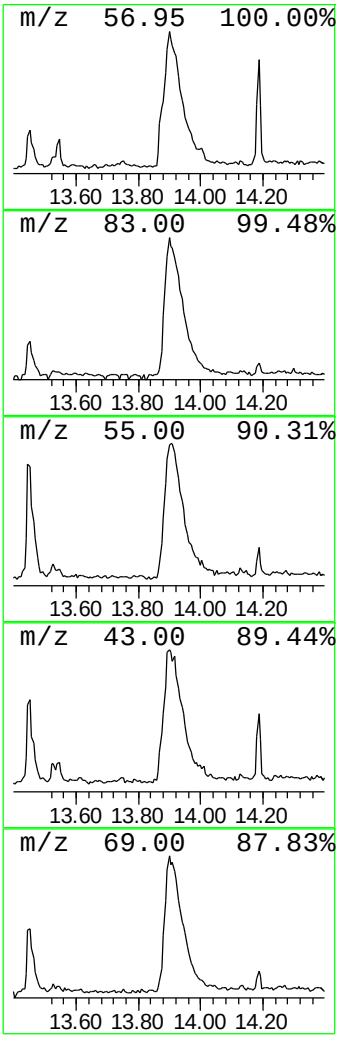
Peak Number 6 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	8.24 ng	572442	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	91





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Operator : HP/JU
Sample : K3990-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-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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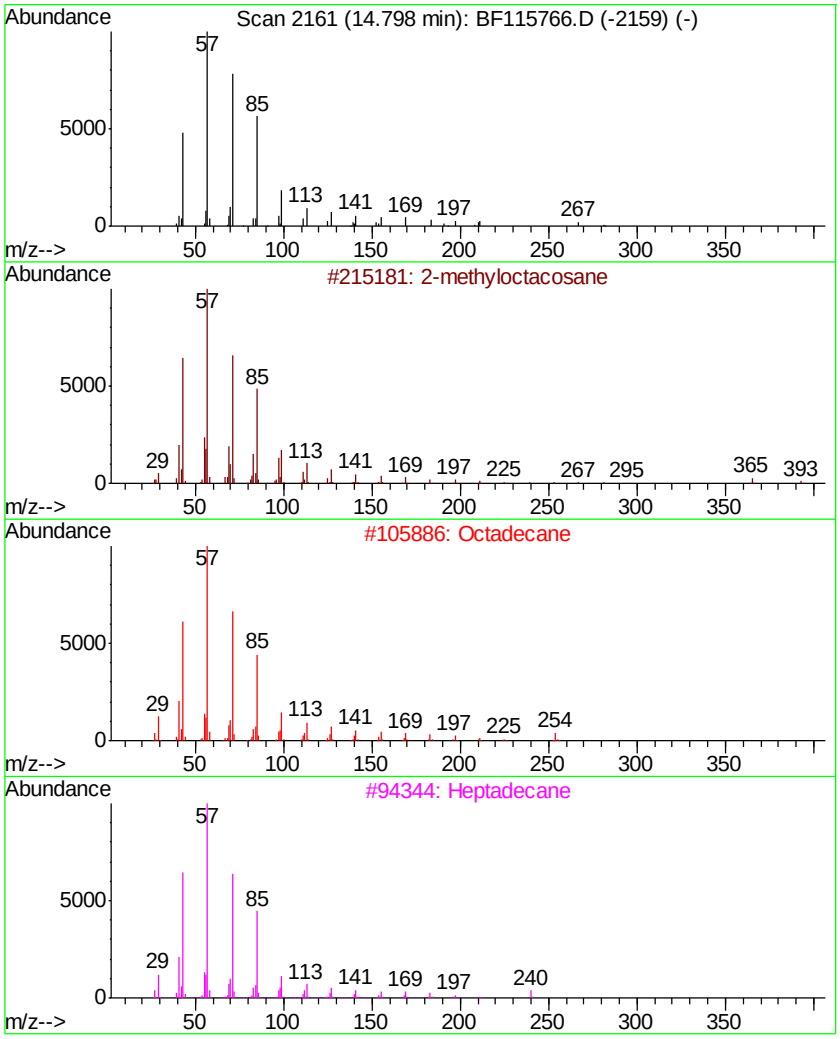
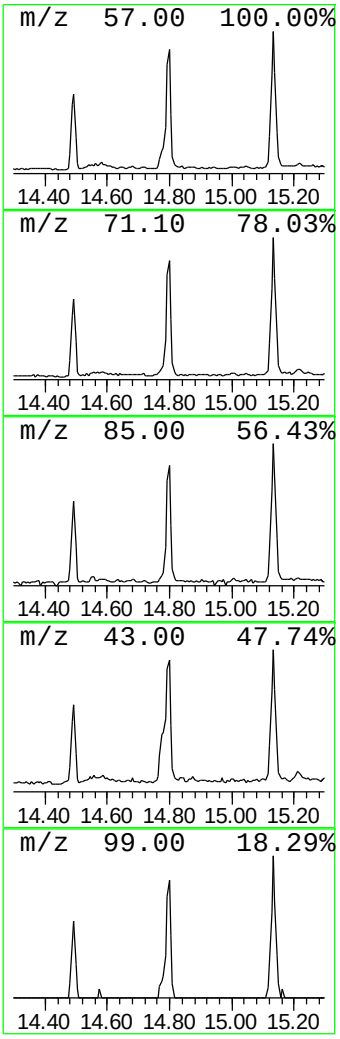
Peak Number 8 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.15 ng	150590	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Heptadecane	240	C17H36	000629-78-7	83
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Docosane	310	C22H46	000629-97-0	83





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Misc :
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Instrument : BNA_F
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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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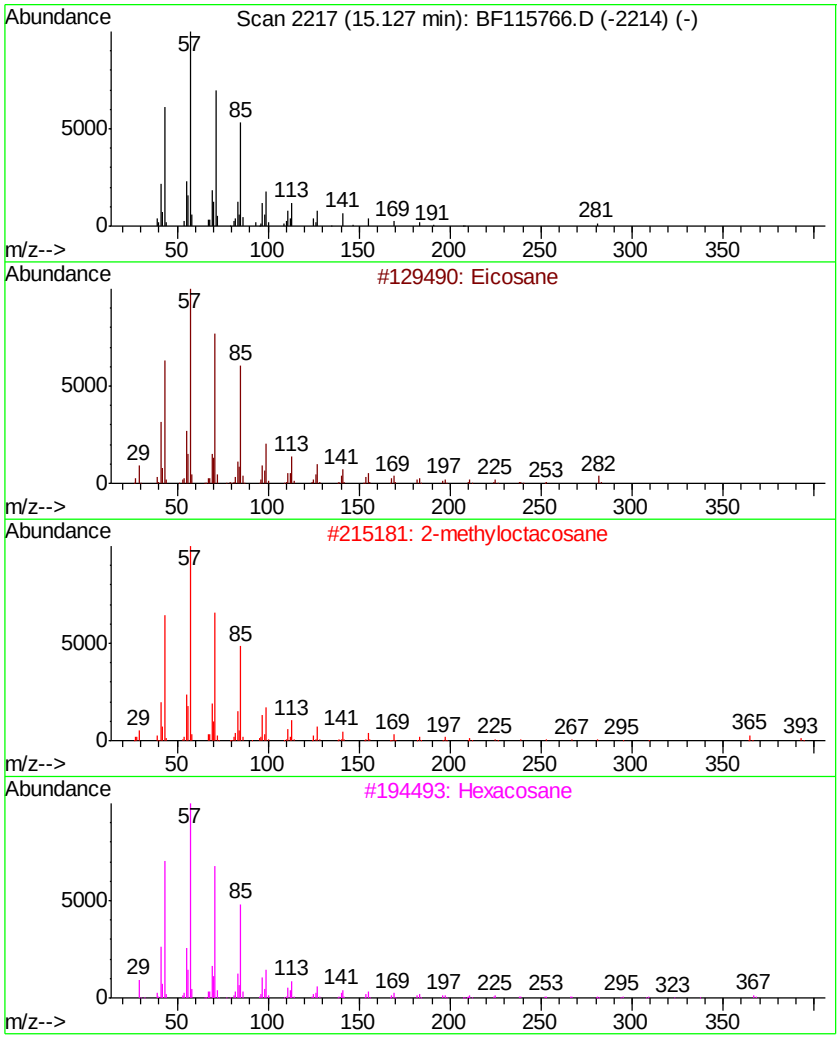
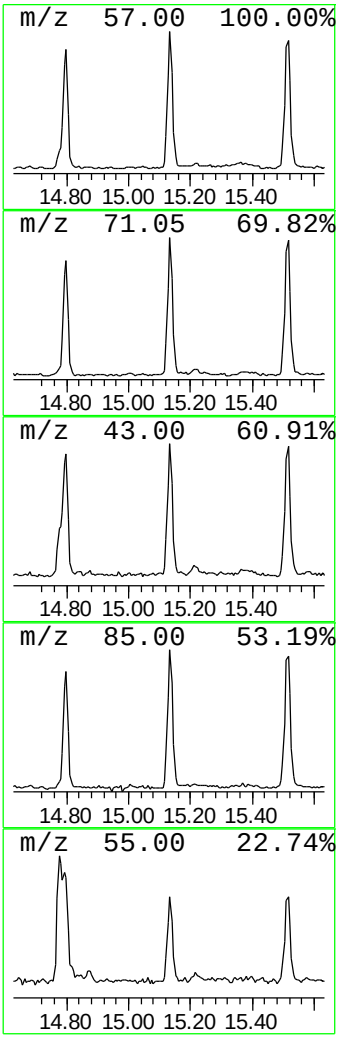
Peak Number 9 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.26 ng	158207	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

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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	18.4	ng	782345	1	6.87	852779	20.0
unknown6.64	6.64	66.4	ng	2832200	1	6.87	852779	20.0
n-Hexadecanoic acid	11.92	3.2	ng	233661	4	11.39	1479750	20.0
9-Octadecenamide,...	13.45	3.2	ng	223851	5	14.03	1389970	20.0
Behenic alcohol	13.90	8.2	ng	572442	5	14.03	1389970	20.0
2-methyloctacosane	14.80	2.1	ng	150590	6	15.50	1403020	20.0
Eicosane	15.13	2.3	ng	158207	6	15.50	1403020	20.0