LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109491.D
Acq On : 1 Oct 2018 23:28
Operator : JU/SJ
Sample : J5155-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW16S-GW

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-BF092218.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	5.322	546	550	581	rBV	630691	914650	35.39%	5.258%
2	6.345	721	724	742	rBV	420297	603609	23.35%	3.470%
3	6.475	742	746	758	rBV	1669675	1813522	70.16%	10.426%
4	6.704	782	785	795	rBV	656973	609332	23.57%	3.503%
5	6.863	808	812	827	rBV	2009489	1855461	71.78%	10.667%
6	7.269	876	881	893	rBV	1507367	1466582	56.74%	8.431%
7	7.986	999	1003	1014	rBV	858103	756749	29.28%	4.351%
8	9.063	1181	1186	1189	rBV	2892926	2584821	100.00%	14.860%
9	9.457	1250	1253	1260	rVB	247573	227465	8.80%	1.308%
10	9.733	1296	1300	1303	rBV2	831886	742429	28.72%	4.268%
11	9.769	1303	1306	1313	rVB	162626	150203	5.81%	0.864%
12	10.521	1430	1434	1445	rVB	1398586	1279994	49.52%	7.359%
13	11.210	1546	1551	1558	rVB	681063	651280	25.20%	3.744%
14	11.751	1639	1643	1646	rBV2	83224	79095	3.06%	0.455%
15	12.798	1816	1821	1824	rBV	2135340	2010315	77.77%	11.557%
16	13.698	1970	1974	1983	rBV	121961	167792	6.49%	0.965%
17	13.839	1994	1998	2002	rBV	727296	658944	25.49%	3.788%
18	14.321	2077	2080	2088	rVB3	39759	43435	1.68%	0.250%
19	14.421	2095	2097	2100	rBV	30329	32738	1.27%	0.188%
20	14.615	2127	2130	2133	rVB	53424	51144	1.98%	0.294%
21	14.927	2179	2183	2187	rBV	69661	82257	3.18%	0.473%
22	15.245	2232	2237	2240	rBV	348469	429953	16.63%	2.472%
23	15.280	2240	2243	2249	rVB	67696	80116	3.10%	0.461%
24	15.680	2307	2311	2316	rBV	46781	61503	2.38%	0.354%
25	16.139	2385	2389	2394	rBV2	26362	40813	1.58%	0.235%

Sum of corrected areas: 17394202

LSC Report - Integrated Chromatogram

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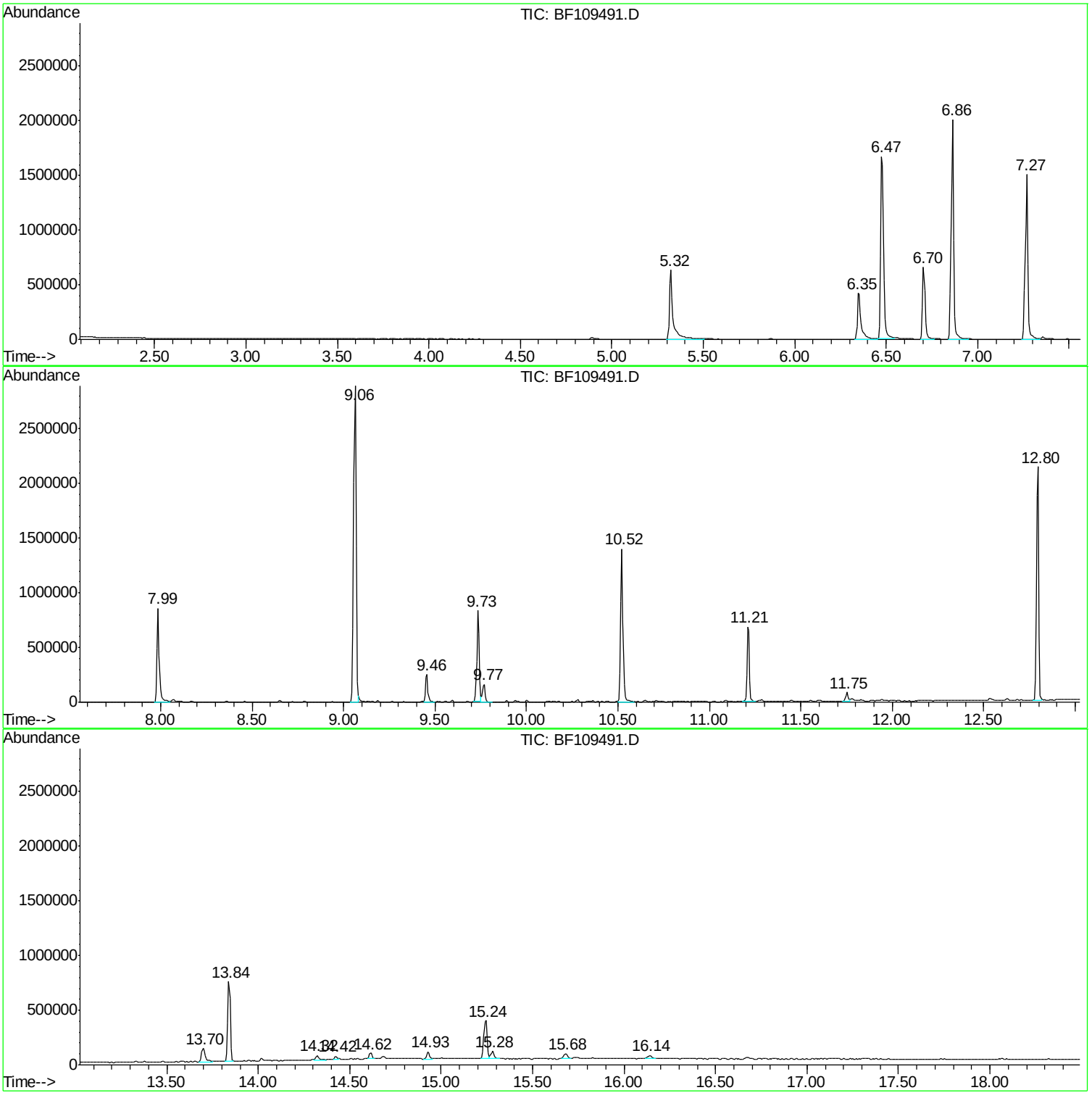
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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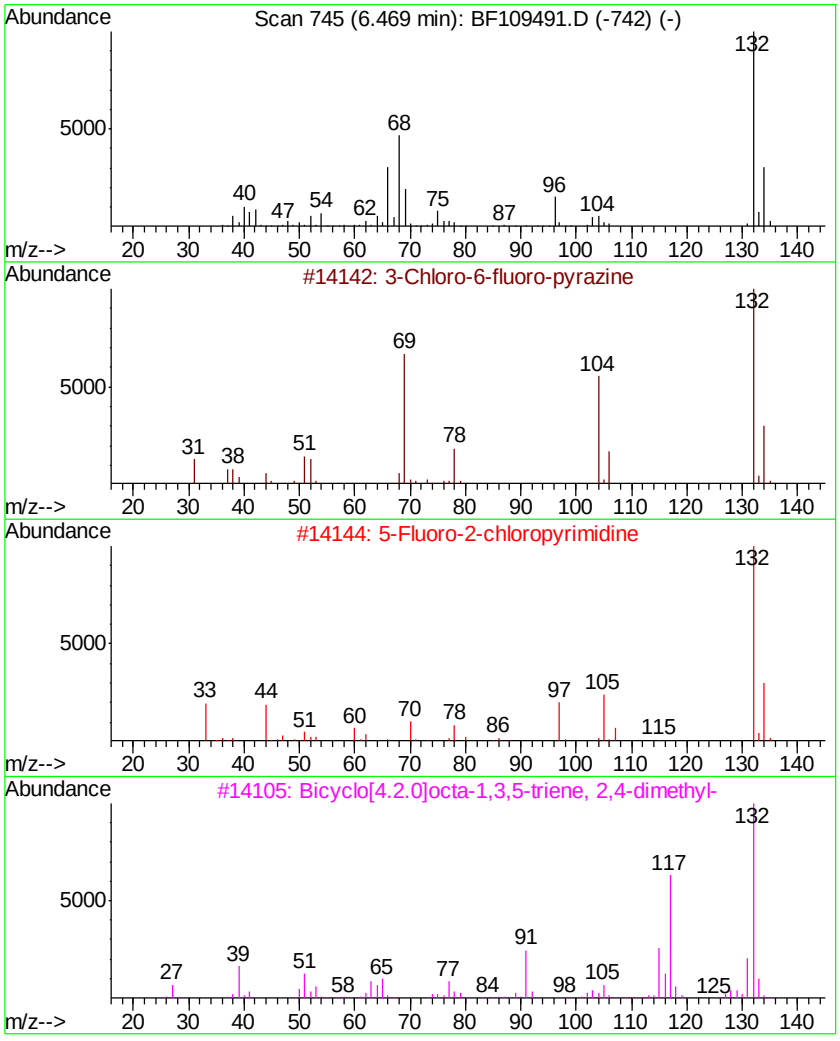
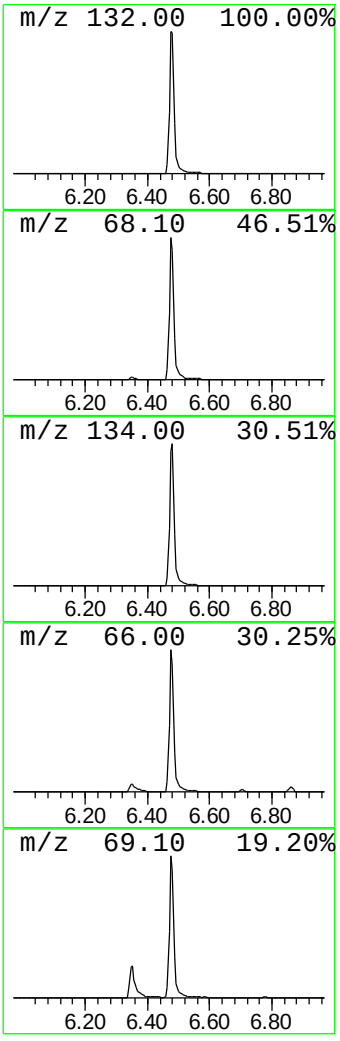
Peak Number 1 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	59.52 ng	1813520	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Instrument : BNA_F
ClientSampleId : QNWP8-MW16S-GW

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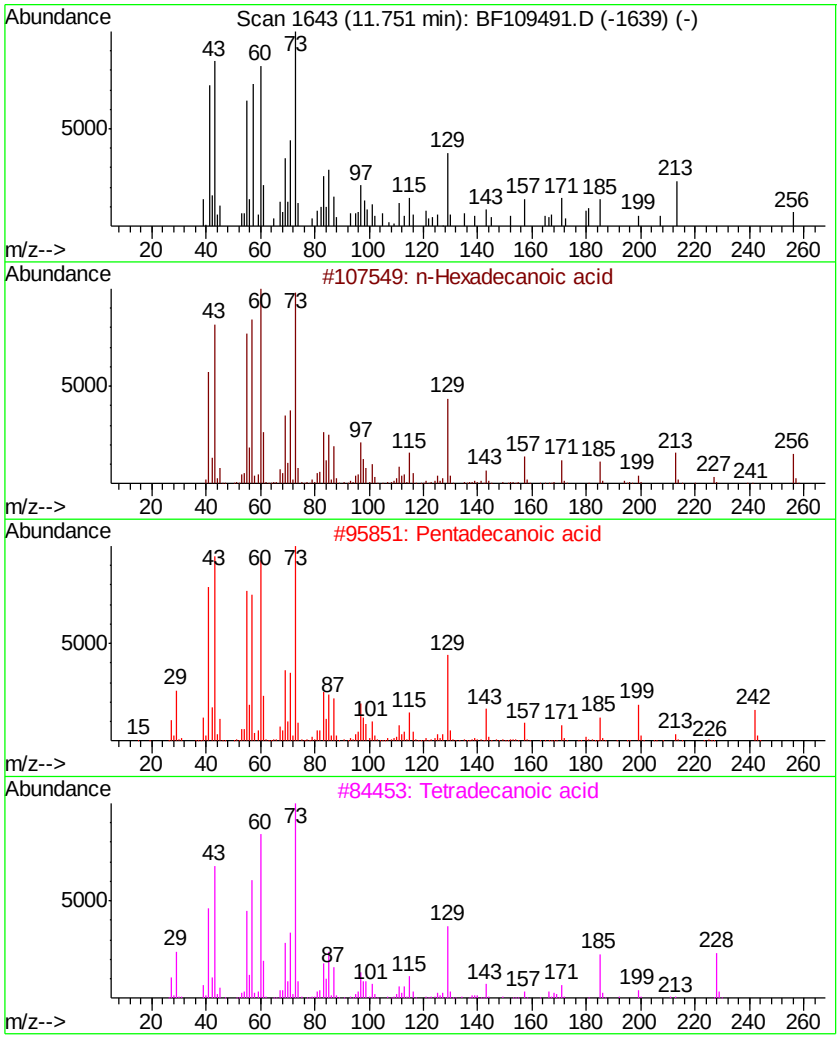
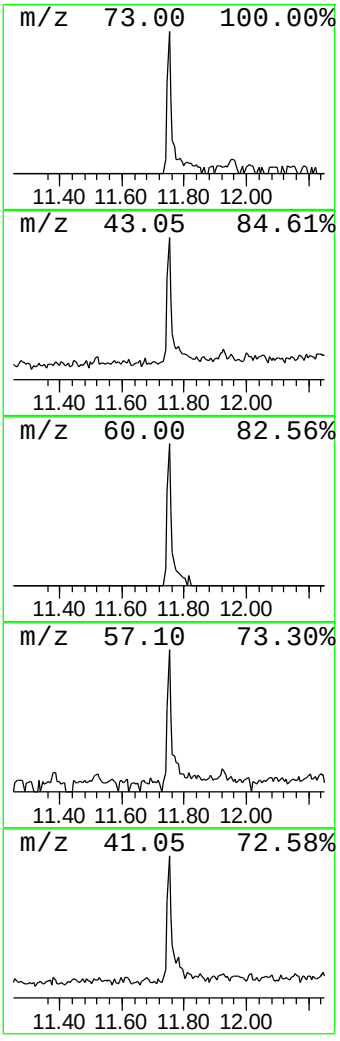
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.43 ng	79095	Phenanthrene-d10	11.21

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	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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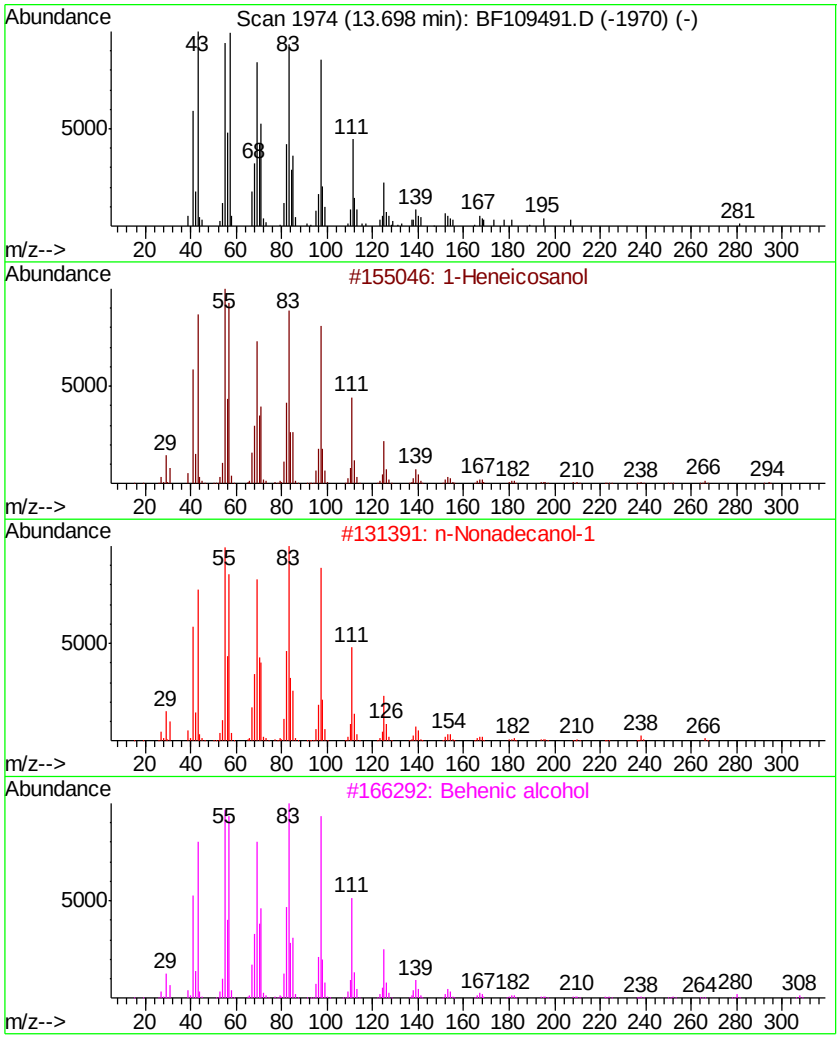
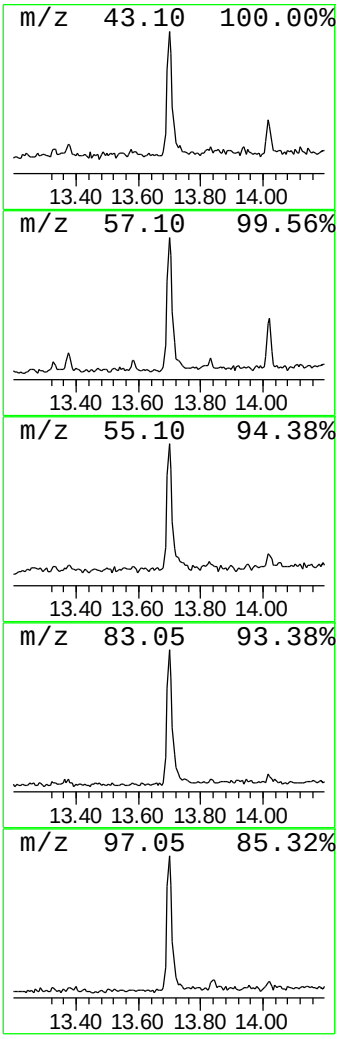
Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	5.09 ng	167792	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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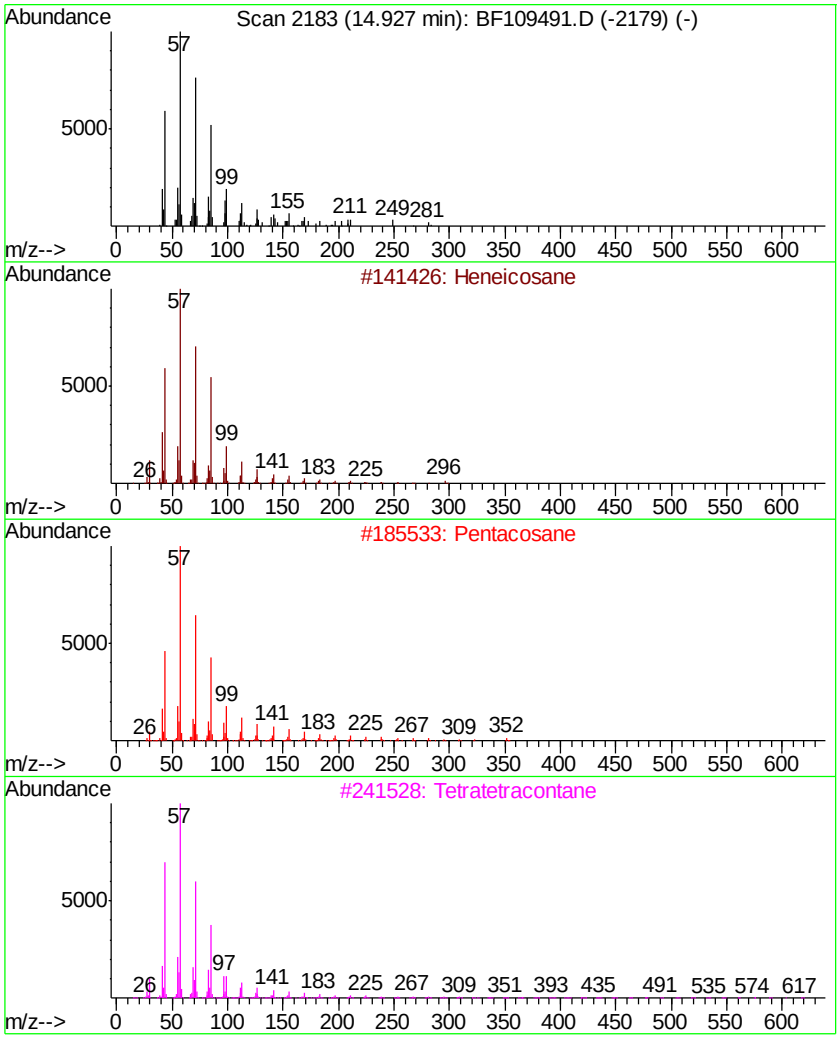
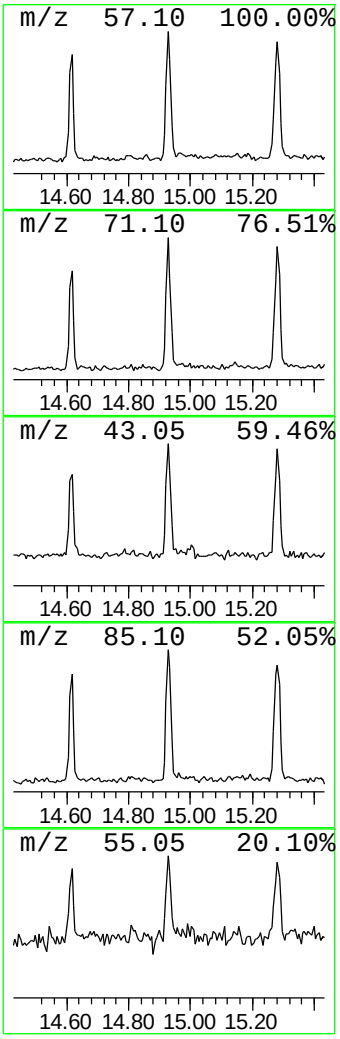
Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	3.83 ng	82257	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Instrument : BNA_F
ClientSampleId : QNWP8-MW16S-GW

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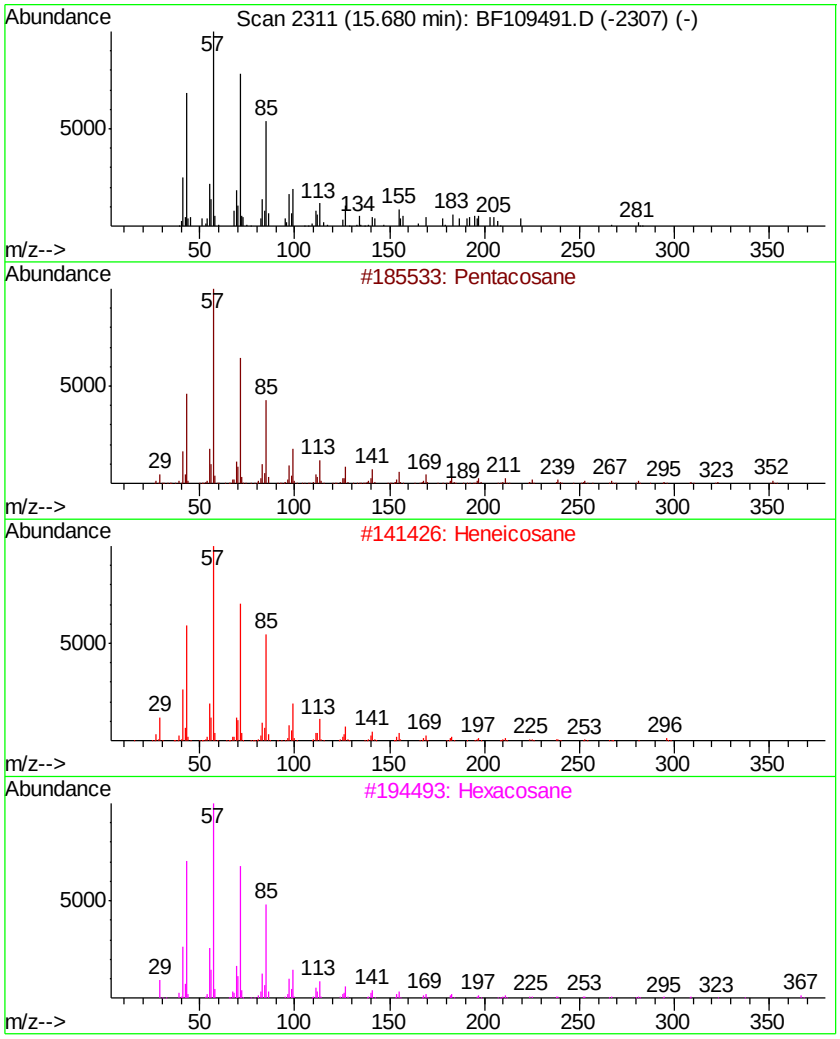
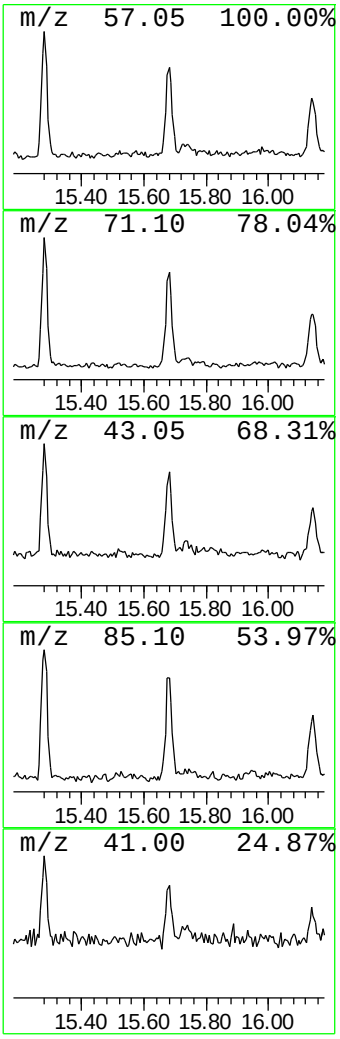
Peak Number 7 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.86 ng	61503	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.47	6.47	59.5	ng	1813520	1	6.70	609332	20.0
n-Hexadecanoic acid	11.75	2.4	ng	79095	4	11.21	651280	20.0
1-Heneicosanol	13.70	5.1	ng	167792	5	13.84	658944	20.0
Heneicosane	14.93	3.8	ng	82257	6	15.24	429953	20.0
Pentacosane	15.68	2.9	ng	61503	6	15.24	429953	20.0