LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109600.D
Acq On : 4 Oct 2018 21:10
Operator : JU/SJ
Sample : J5243-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

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	4.887	473	476	486	rBV	24311	30071	1.15%	0.178%
2	5.316	545	549	570	rBV	660115	827813	31.76%	4.911%
3	6.340	720	723	742	rBV	406095	611070	23.44%	3.625%
4	6.475	742	746	770	rVV	1756504	1763286	67.64%	10.461%
5	6.704	781	785	794	rBV	479974	520884	19.98%	3.090%
6	6.769	794	796	807	rVB	27659	37164	1.43%	0.220%
7	6.857	807	811	828	rBV	1702447	1717652	65.89%	10.190%
8	7.269	876	881	897	rBV	1164748	1397854	53.62%	8.293%
9	7.981	999	1002	1013	rBV	638169	672354	25.79%	3.989%
10	9.057	1181	1185	1201	rBV	2557424	2606767	100.00%	15.465%
11	9.451	1249	1252	1260	rBV	438207	366666	14.07%	2.175%
12	9.733	1296	1300	1310	rBV	781181	731541	28.06%	4.340%
13	10.516	1430	1433	1449	rBV	1166284	1335605	51.24%	7.923%
14	11.210	1547	1551	1557	rBV	652997	609518	23.38%	3.616%
15	11.745	1639	1642	1655	rBV2	87093	116573	4.47%	0.692%
16	12.527	1772	1775	1780	rBV	32630	36039	1.38%	0.214%
17	12.792	1815	1820	1832	rVB	1843773	1659172	63.65%	9.843%
18	13.698	1970	1974	1982	rBV2	61003	97392	3.74%	0.578%
19	13.833	1994	1997	2009	rVB	512732	531870	20.40%	3.155%
20	14.280	2069	2073	2076	rBV3	28287	40938	1.57%	0.243%
21	14.610	2126	2129	2133	rBV	62932	59240	2.27%	0.351%
22	14.921	2178	2182	2186	rBV	82713	93281	3.58%	0.553%
23	15.239	2231	2236	2239	rBV	439358	533958	20.48%	3.168%
24	15.274	2239	2242	2248	rVB	108411	140775	5.40%	0.835%
25	15.668	2305	2309	2315	rVB	104539	141599	5.43%	0.840%
26	16.127	2382	2387	2397	rVB2	66404	118865	4.56%	0.705%
27	16.668	2474	2479	2489	rVB3	29778	58488	2.24%	0.347%

Sum of corrected areas: 16856435

LSC Report - Integrated Chromatogram

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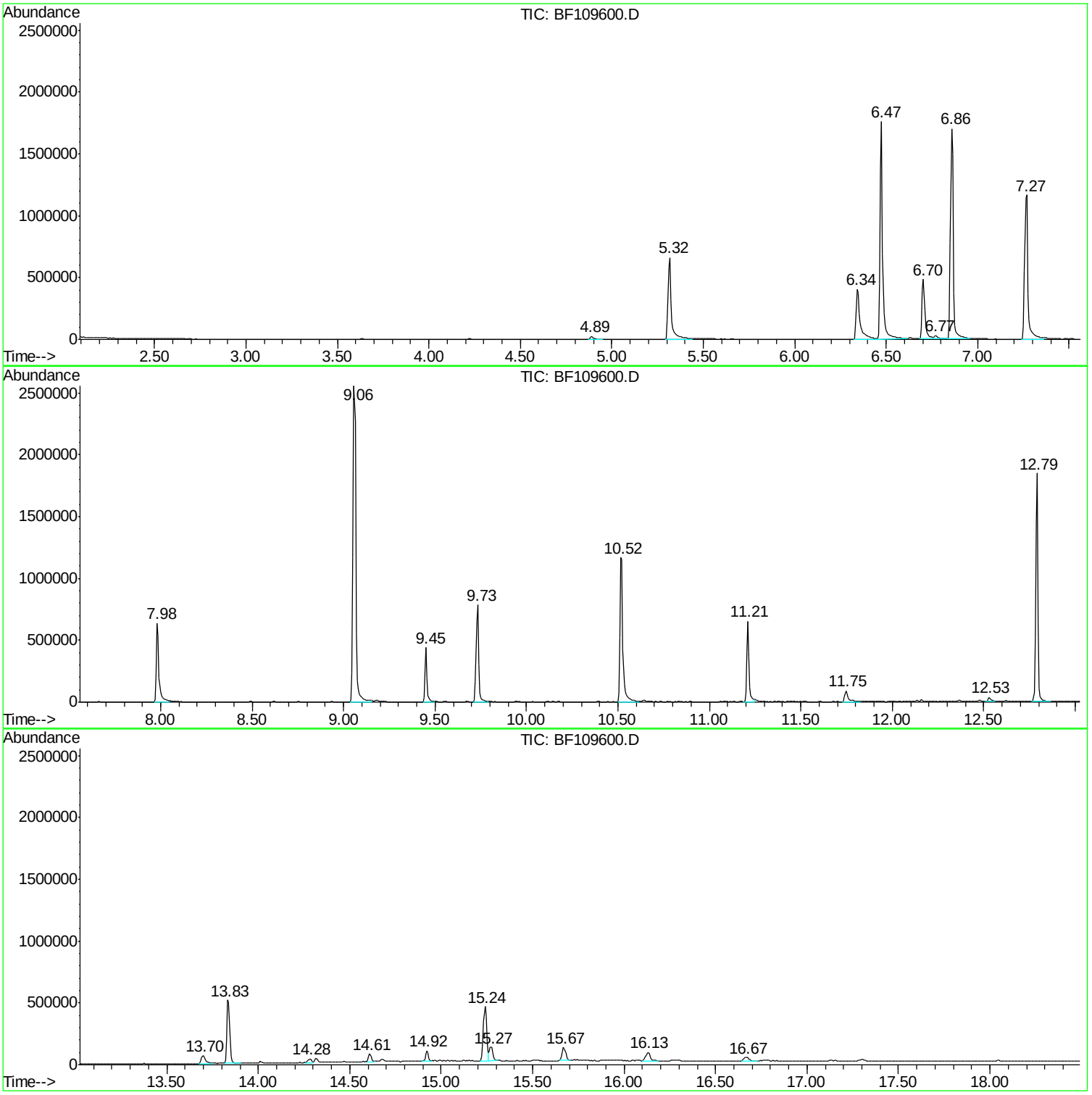
Instrument : BNA_F
ClientSampleId : DSN001

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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TIC Library : C:\DATABASE\NIST11.L
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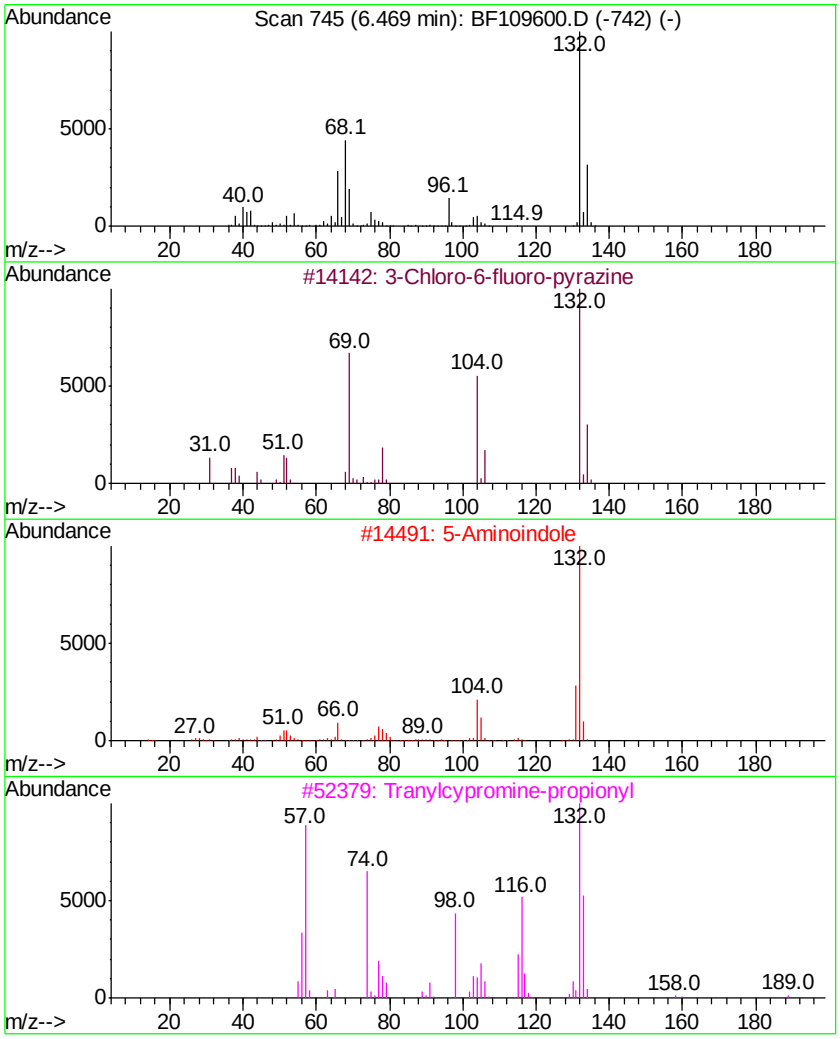
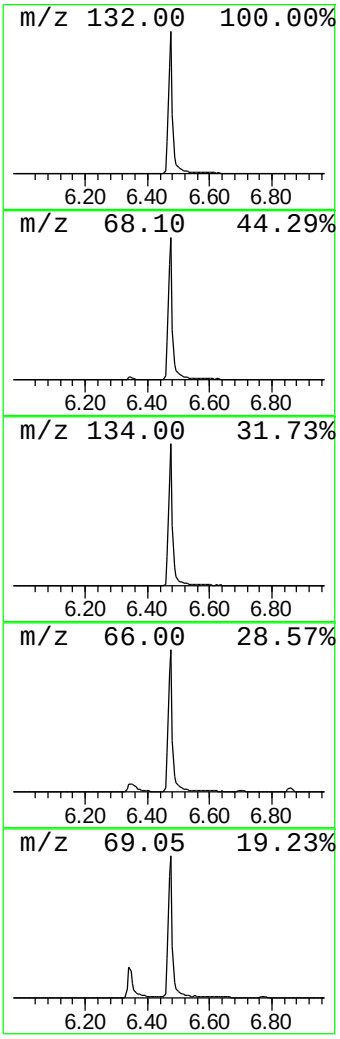
Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	67.70 ng	1763290	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	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

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

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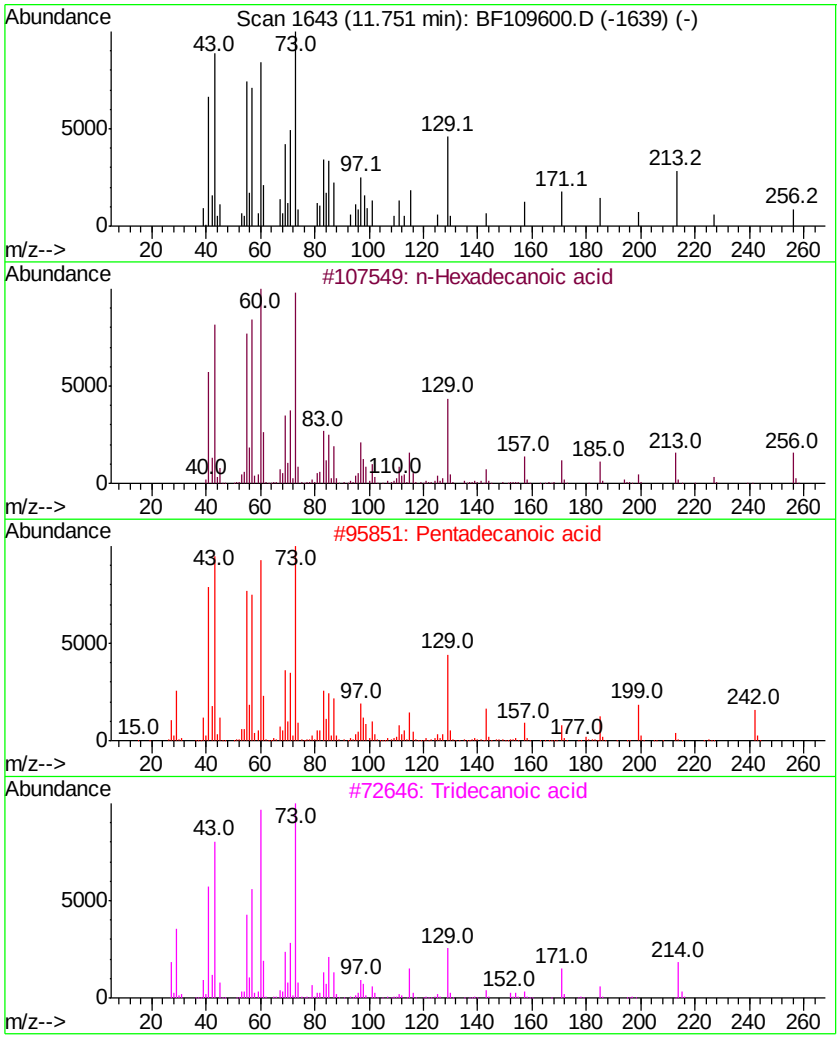
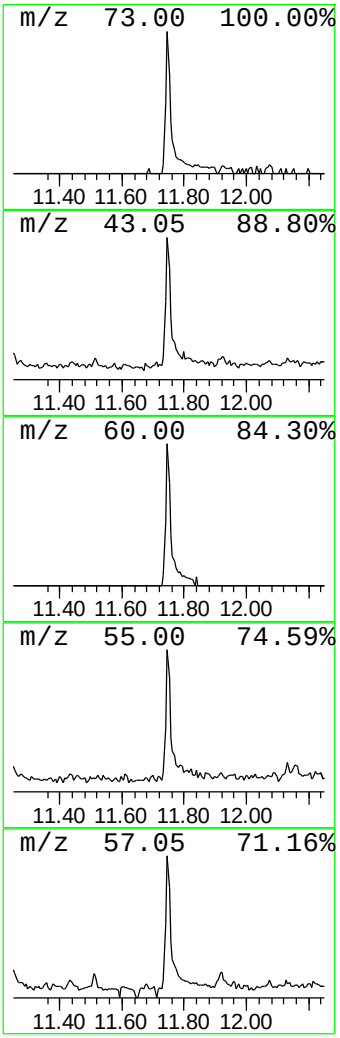
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.83 ng	116573	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25





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Sample : J5243-01
Misc :
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Instrument : BNA_F
ClientSampleId : DSN001

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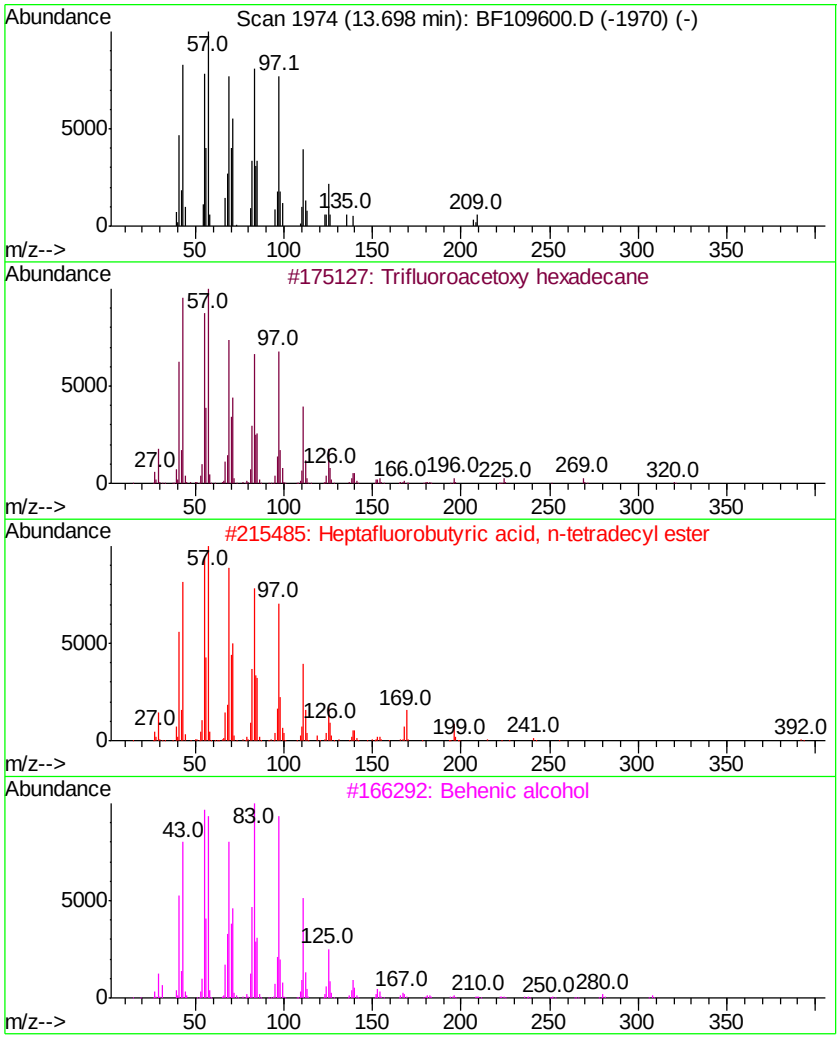
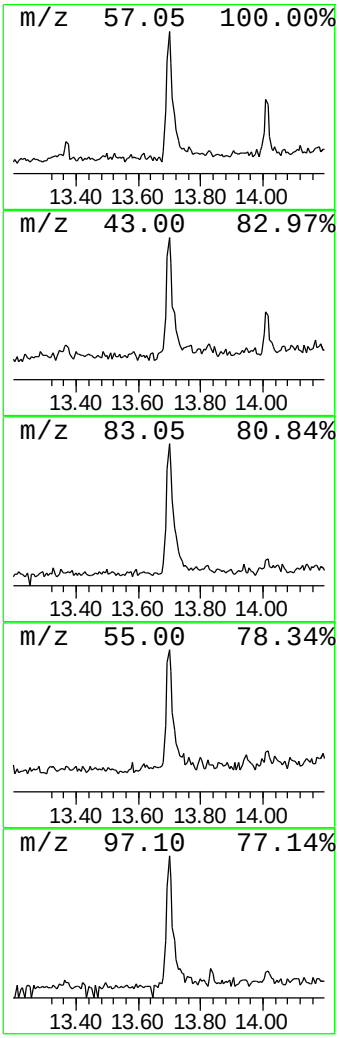
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	3.66 ng	97392	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Instrument : BNA_F
ClientSampleId : DSN001

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TIC Library : C:\DATABASE\NIST11.L
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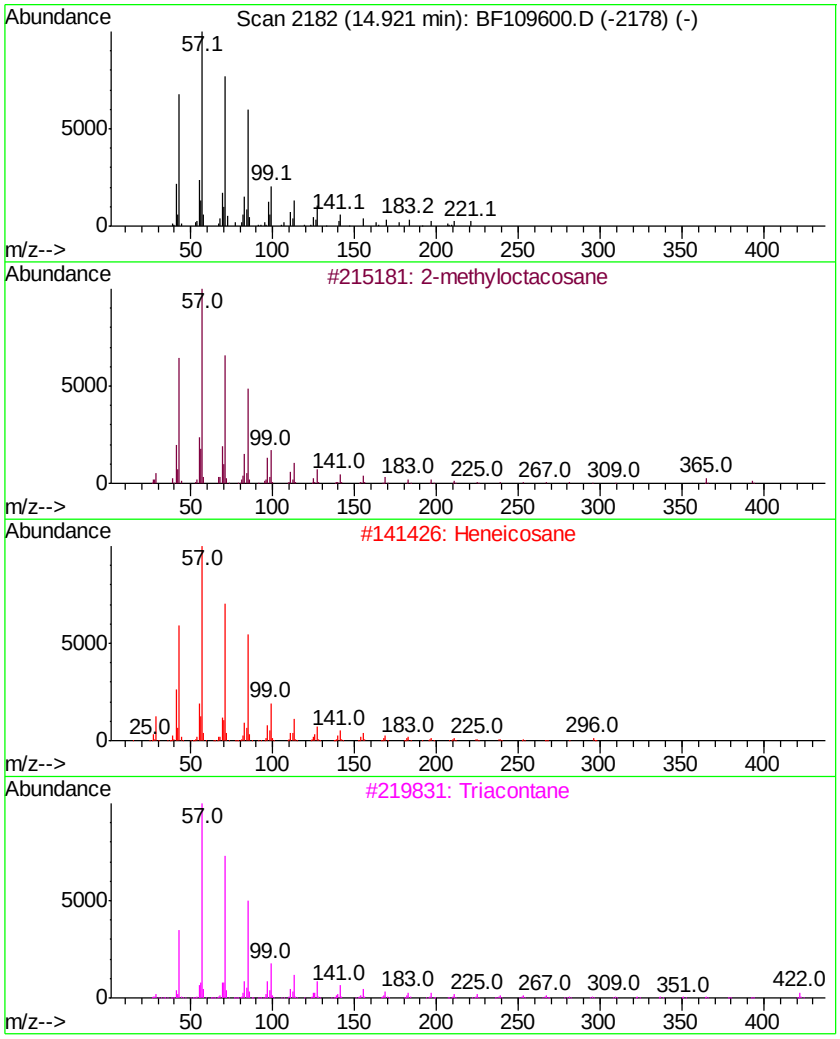
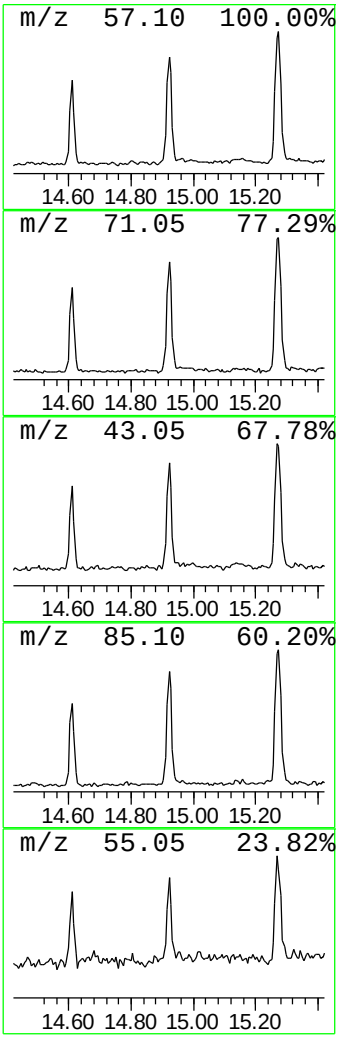
Peak Number 6 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.49 ng	93281	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Instrument : BNA_F
ClientSampleId : DSN001

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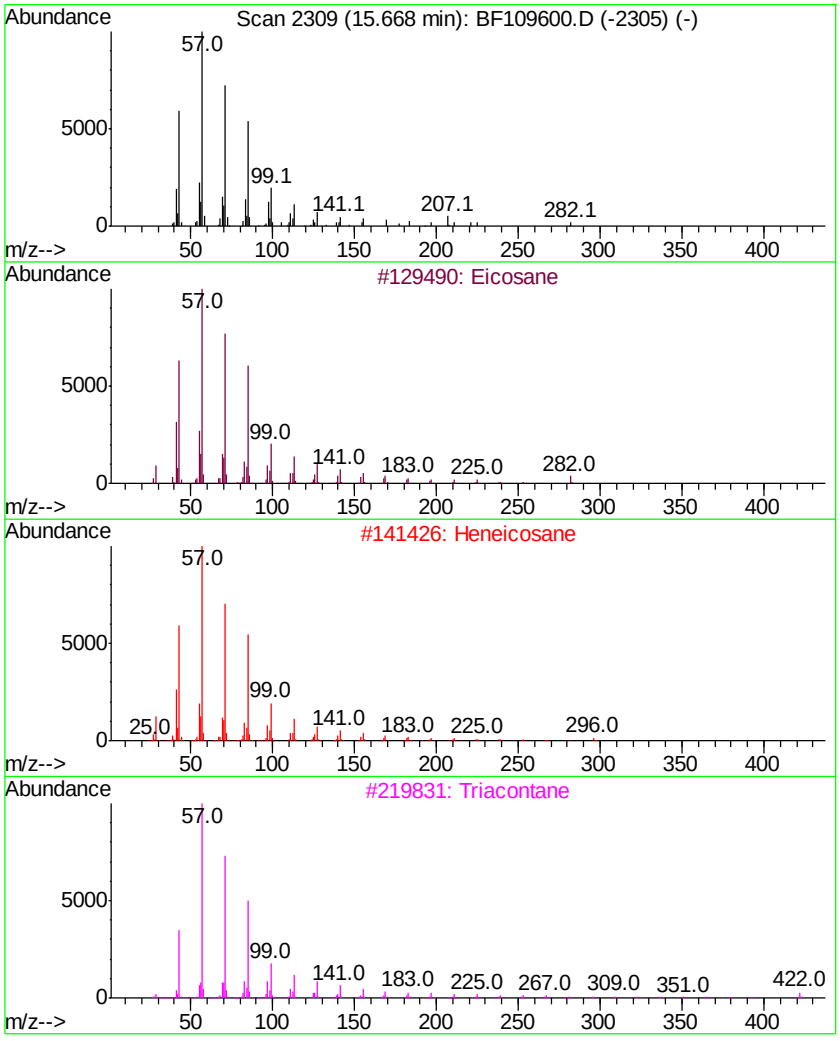
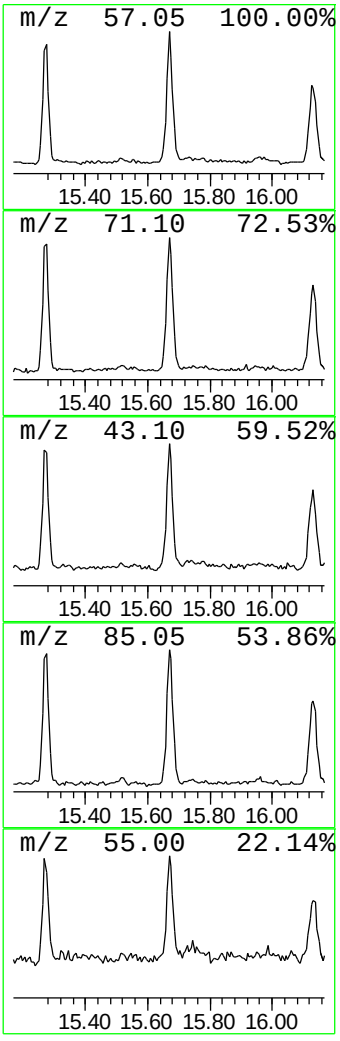
Peak Number 7 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	5.30 ng	141599	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	87





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TIC Library : C:\DATABASE\NIST11.L
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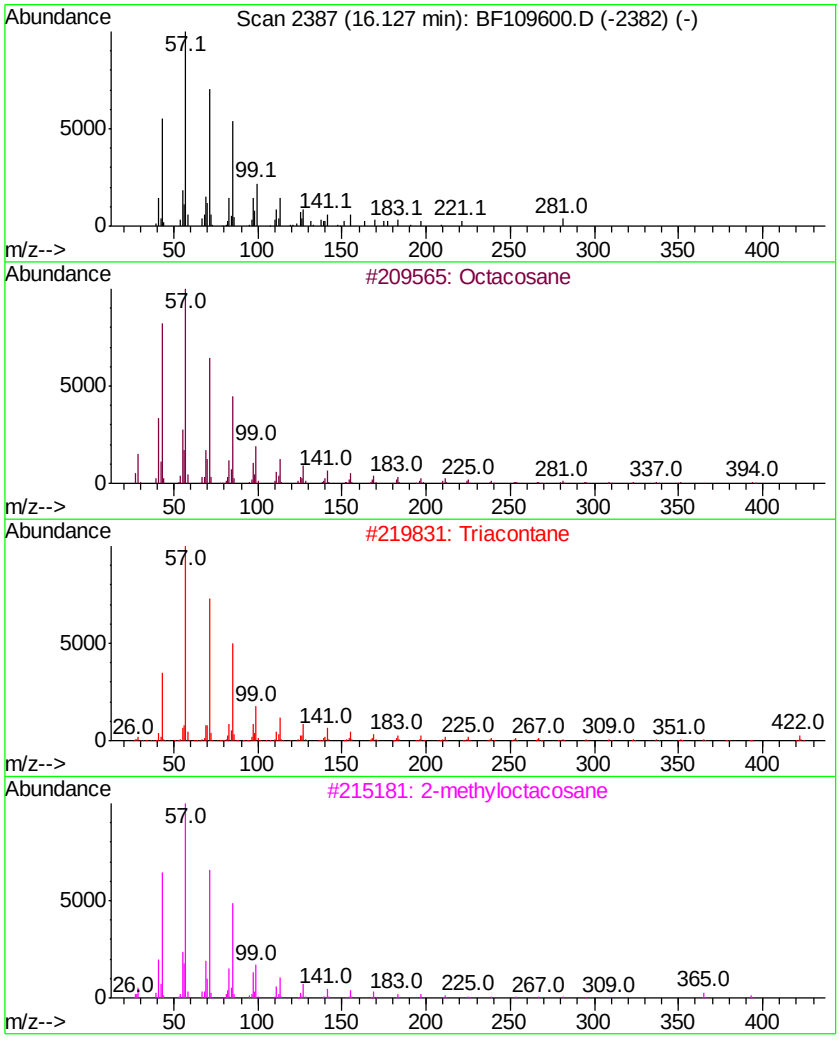
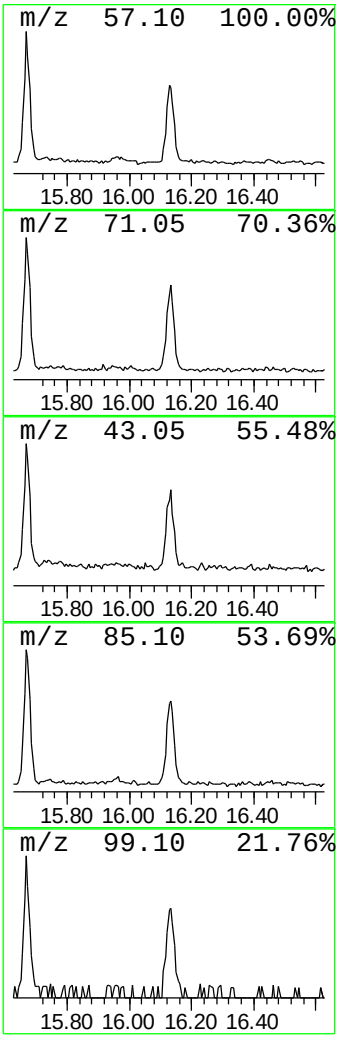
Peak Number 8 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	4.45 ng	118865	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Heneicosane	296	C21H44	000629-94-7	87





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
unknown6.47	6.47	67.7	ng	1763290	1	6.70	520884	20.0
n-Hexadecanoic acid	11.75	3.8	ng	116573	4	11.21	609518	20.0
Trifluoroacetoxy ...	13.70	3.7	ng	97392	5	13.84	531870	20.0
2-methyloctacosane	14.92	3.5	ng	93281	6	15.24	533958	20.0
Eicosane	15.67	5.3	ng	141599	6	15.24	533958	20.0
Octacosane	16.13	4.5	ng	118865	6	15.24	533958	20.0