LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108958.D
Acq On : 12 Sep 2018 18:59
Operator : JU/SJ
Sample : J4856-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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-BF090518.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	4.931	438	441	449	rVB	80892	92409	3.28%	0.357%
2	5.348	507	512	515	rBV	2460115	2266533	80.37%	8.746%
3	6.366	680	685	688	rBV	2327848	2395323	84.93%	9.243%
4	6.501	704	708	712	rBV	2429701	2433263	86.28%	9.390%
5	6.736	744	748	751	rBV	1241017	986497	34.98%	3.807%
6	6.895	771	775	778	rBV	2164994	1937088	68.68%	7.475%
7	7.295	838	843	846	rBV	1685502	1529376	54.23%	5.902%
8	8.019	962	966	969	rBV	1412300	1236426	43.84%	4.771%
9	9.095	1144	1149	1152	rBV	3070026	2820253	100.00%	10.883%
10	9.219	1167	1170	1179	rVB	79506	78417	2.78%	0.303%
11	9.483	1211	1215	1225	rBV	780426	616238	21.85%	2.378%
12	9.766	1259	1263	1270	rBV2	1590680	1339729	47.50%	5.170%
13	10.548	1392	1396	1406	rBV	1650955	1449161	51.38%	5.592%
14	11.242	1510	1514	1518	rBV	1473901	1199541	42.53%	4.629%
15	11.777	1602	1605	1609	rBV	115406	108750	3.86%	0.420%
16	12.559	1736	1738	1748	rBV3	20969	32829	1.16%	0.127%
17	12.824	1779	1783	1786	rBV	2378921	2047286	72.59%	7.900%
18	13.742	1935	1939	1952	rBV3	58425	132522	4.70%	0.511%
19	13.865	1956	1960	1964	rBV	1183252	1013025	35.92%	3.909%
20	14.353	2040	2043	2046	rBV	51322	51095	1.81%	0.197%
21	14.653	2090	2094	2097	rBV	87649	81824	2.90%	0.316%
22	14.724	2102	2106	2111	rVB	128601	131954	4.68%	0.509%
23	14.971	2144	2148	2155	rVB	117682	126024	4.47%	0.486%
24	15.277	2194	2200	2204	rBV	970735	1181820	41.90%	4.561%
25	15.324	2204	2208	2217	rVB	126171	168166	5.96%	0.649%
26	15.736	2272	2278	2285	rBV	115714	176745	6.27%	0.682%
27	16.206	2352	2358	2363	rVB	81162	138652	4.92%	0.535%
28	16.753	2445	2451	2458	rVB2	45919	87339	3.10%	0.337%
29	17.406	2557	2562	2567	rVB4	27617	55958	1.98%	0.216%

Sum of corrected areas: 25914243

LSC Report - Integrated Chromatogram

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Data File : BF108958.D
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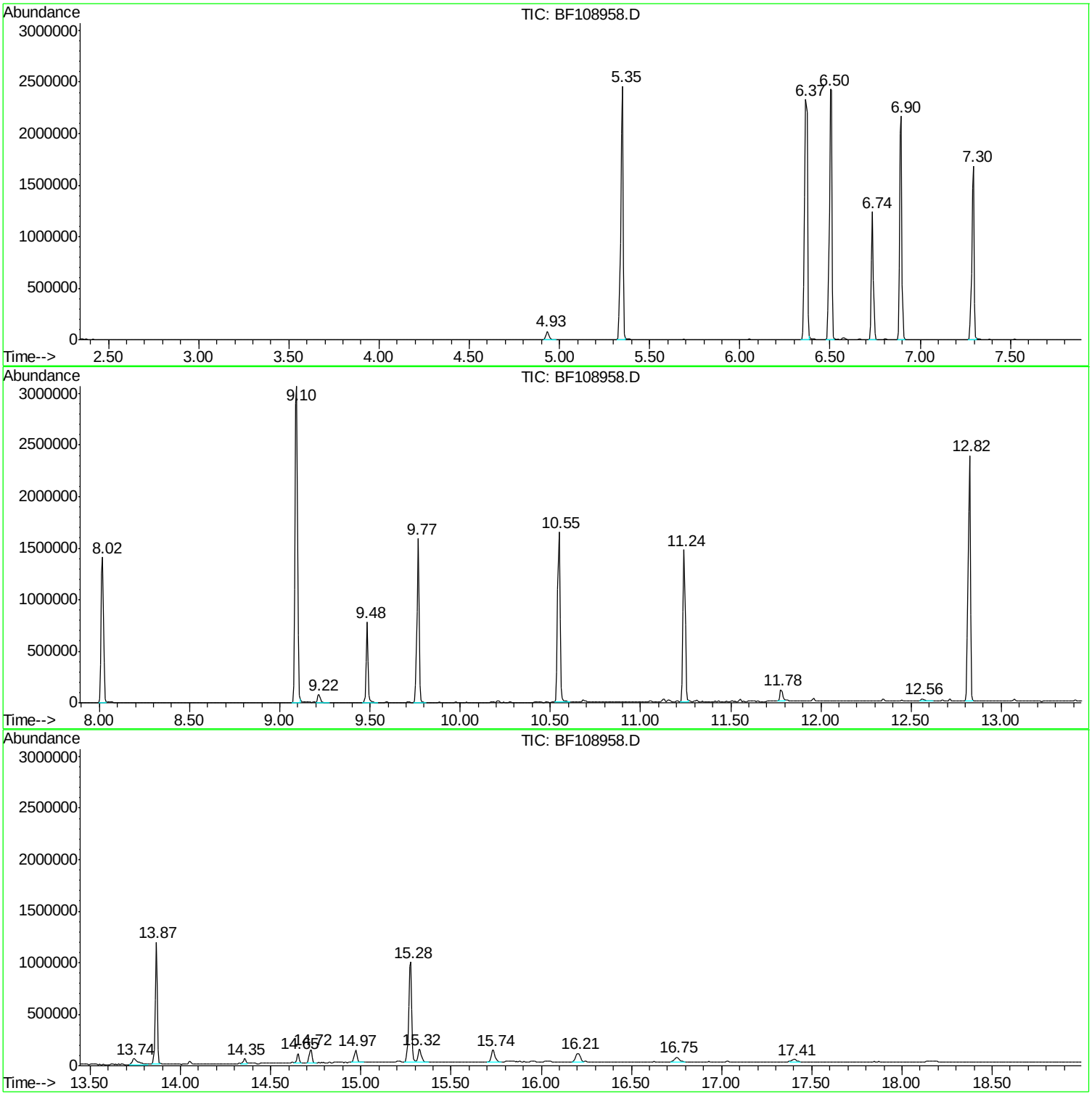
Operator : JU/SJ
Sample : J4856-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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Acq On : 12 Sep 2018 18:59
Operator : JU/SJ
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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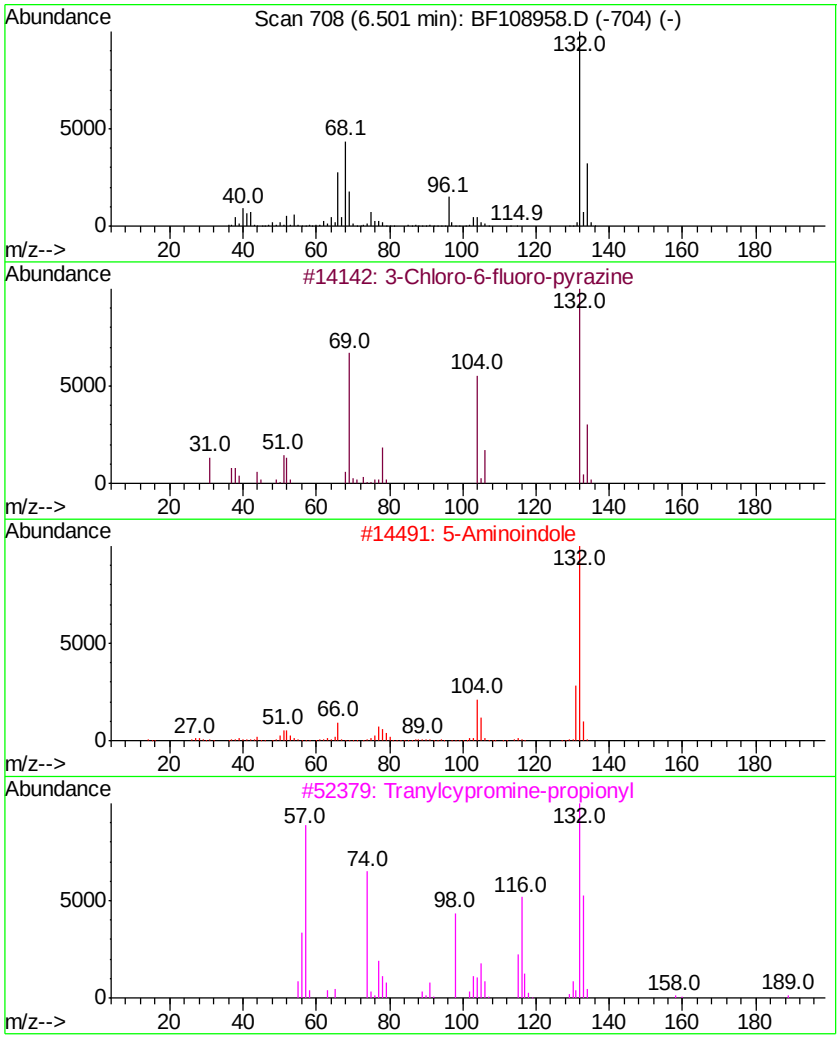
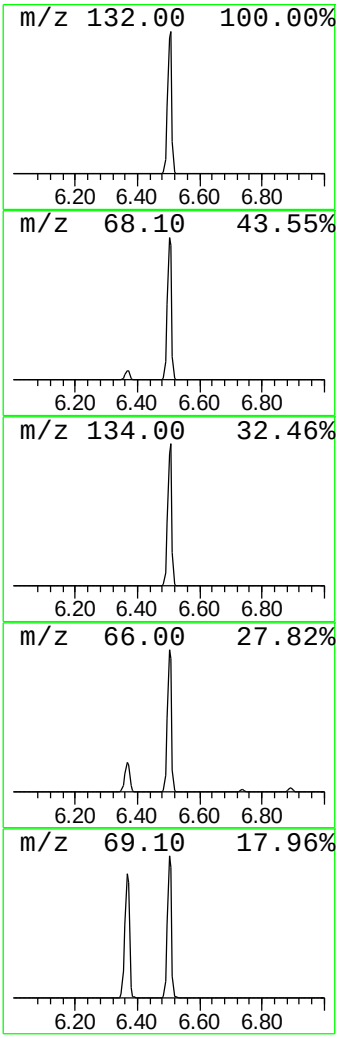
Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	49.33 ng	2433260	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Operator : JU/SJ
Sample : J4856-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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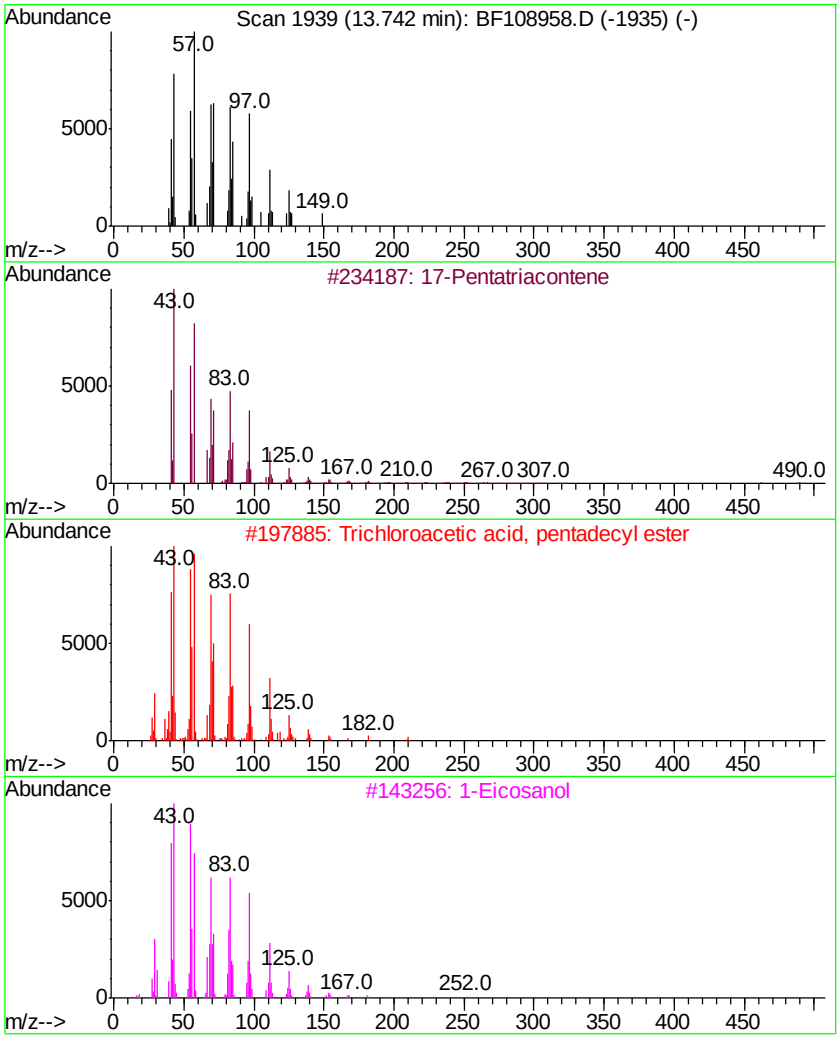
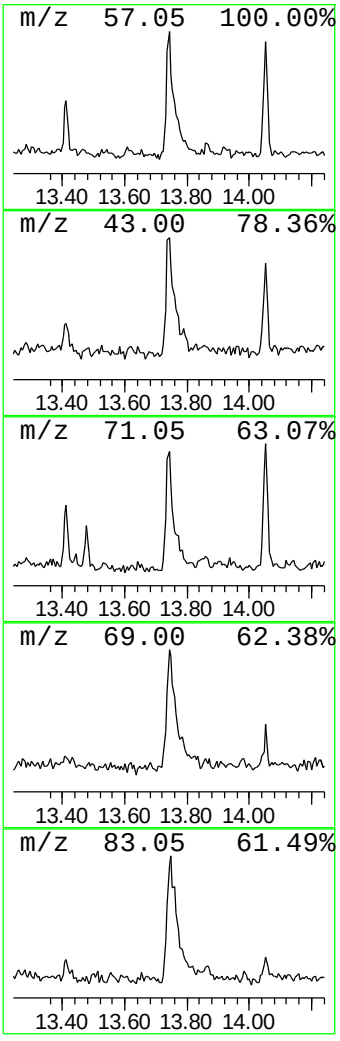
Peak Number 3 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.62 ng	132522	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	83
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70
3	1-Eicosanol	298	C20H42O	000629-96-9	64
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	64
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
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Acq On : 12 Sep 2018 18:59
Operator : JU/SJ
Sample : J4856-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

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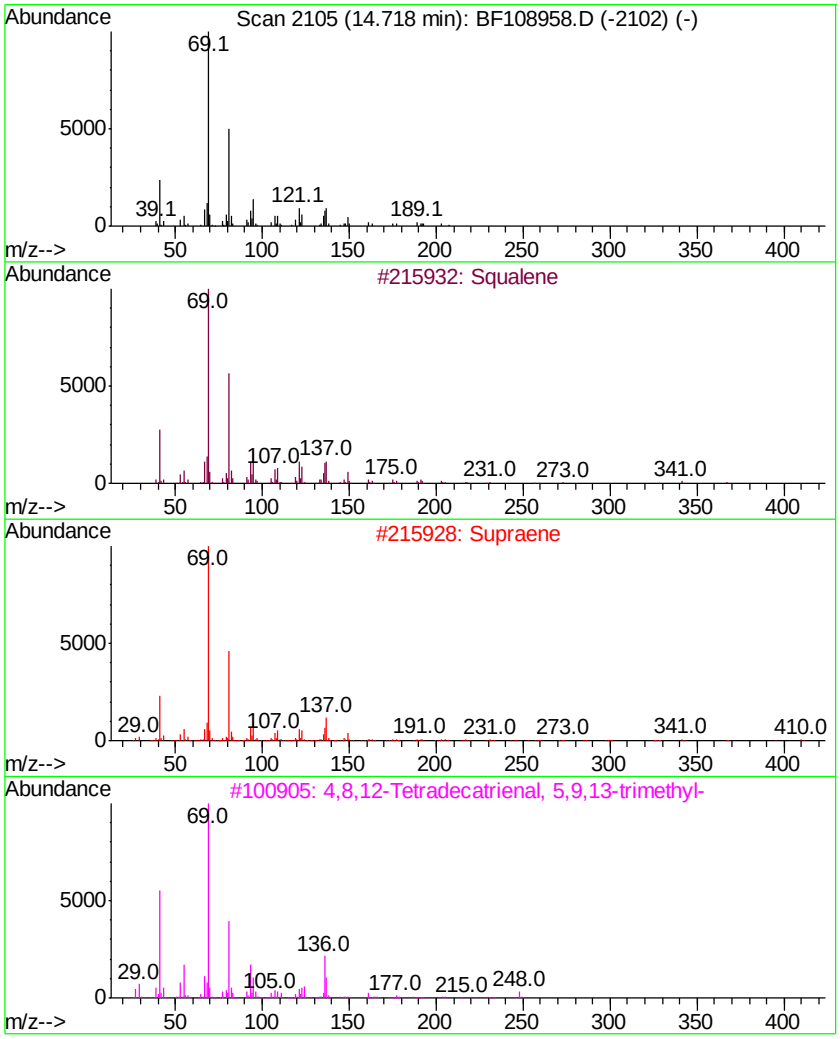
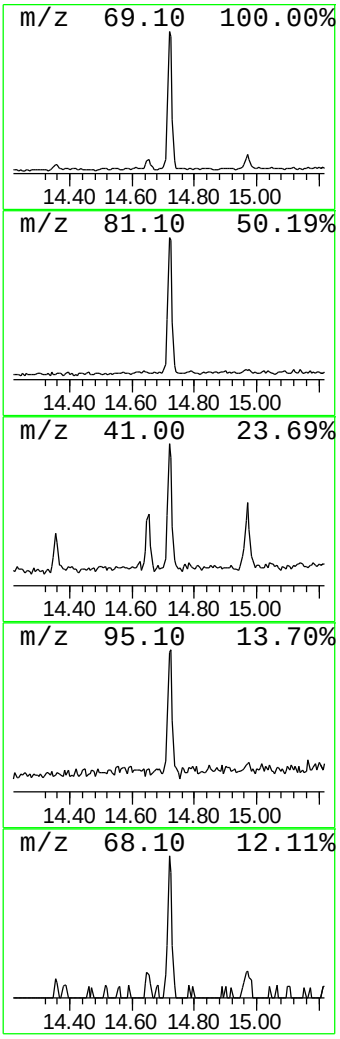
Peak Number 4 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.23 ng	131954	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Supraene	410	C30H50	007683-64-9	91
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	78
5	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	72





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Operator : JU/SJ
Sample : J4856-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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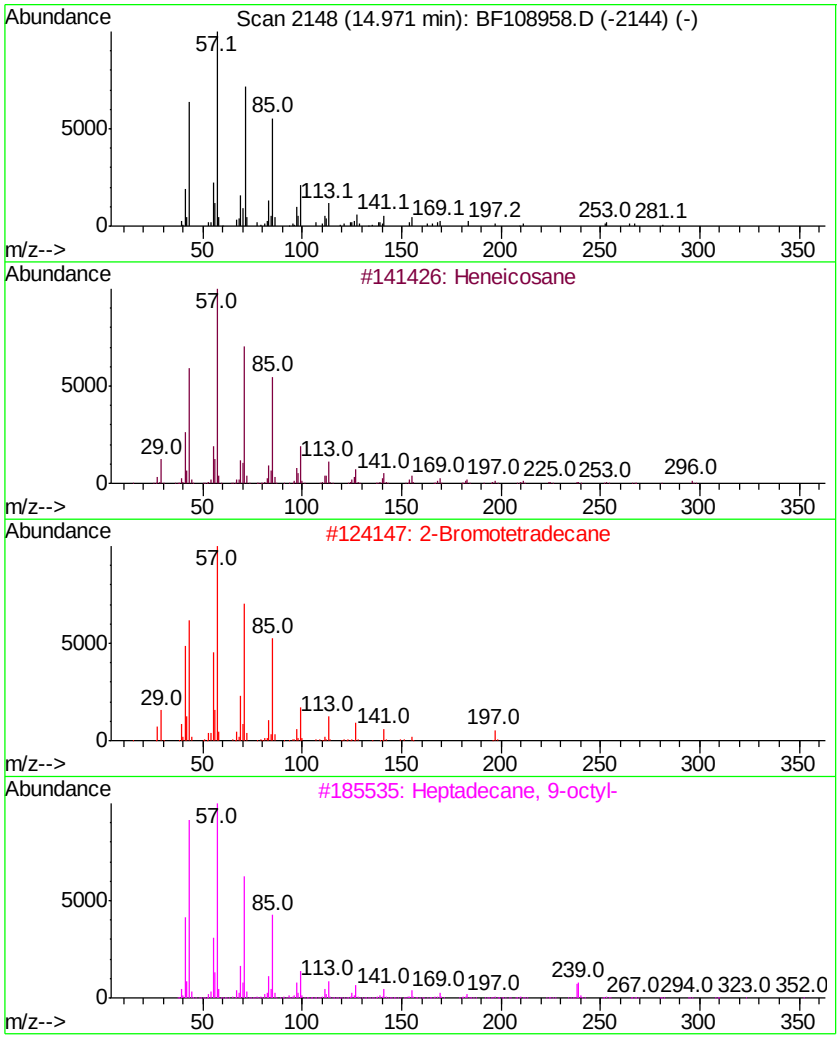
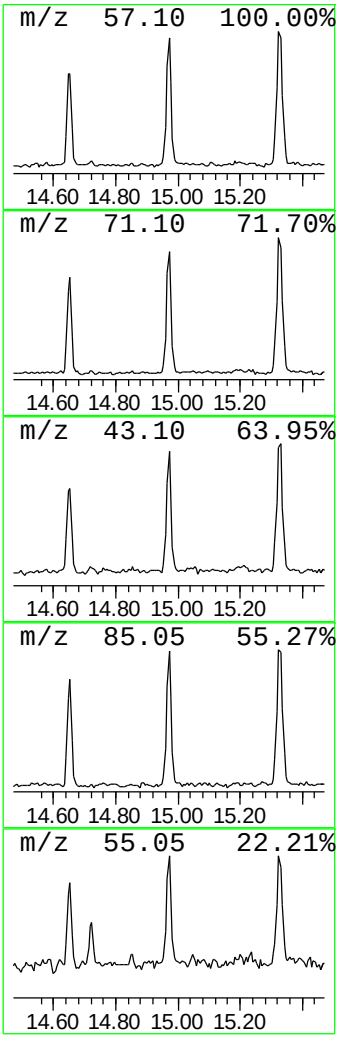
Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.13 ng	126024	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	86
5	Heptadecane	240	C17H36	000629-78-7	80





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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

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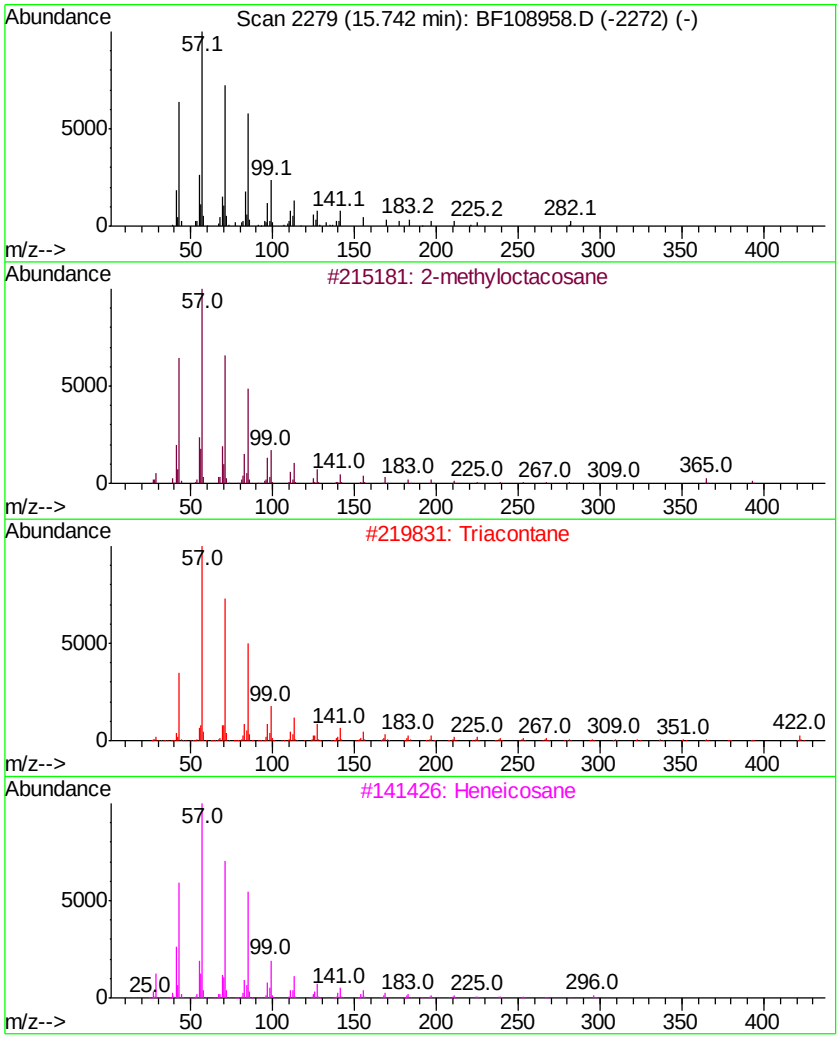
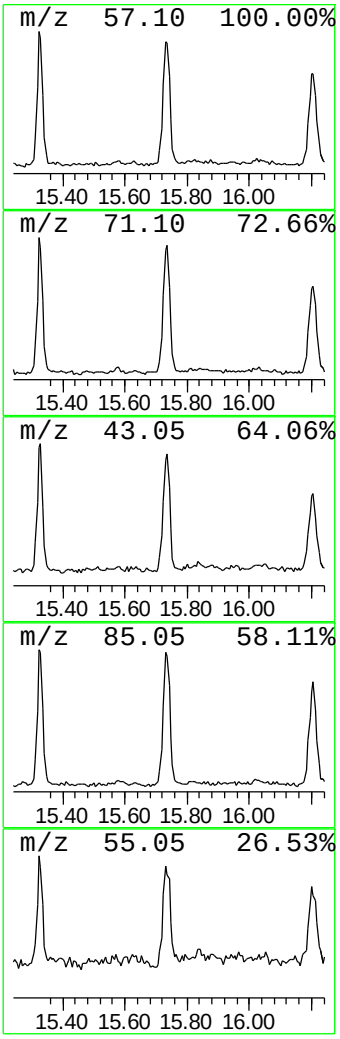
Peak Number 6 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.99 ng	176745	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

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Operator : JU/SJ
Sample : J4856-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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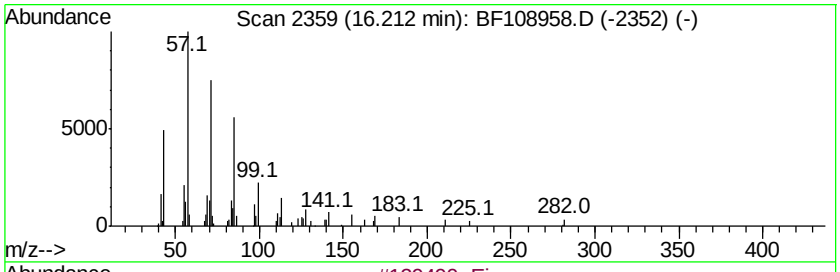
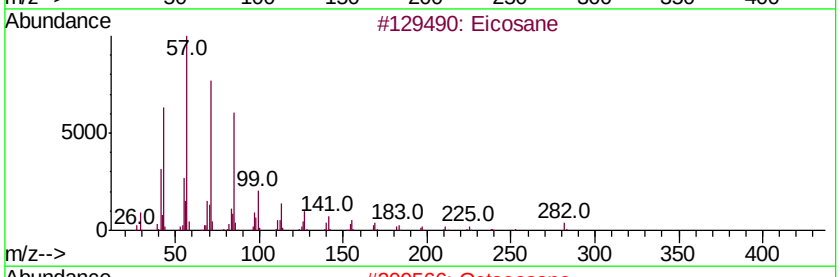
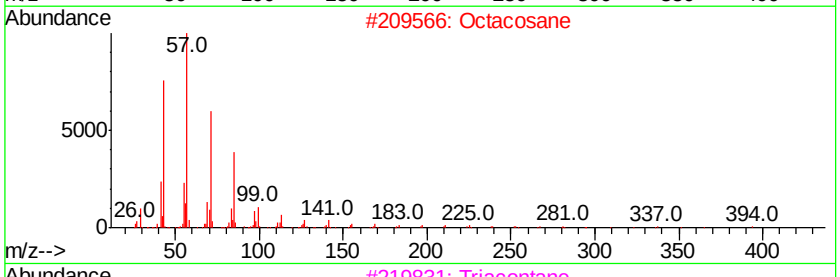
Peak Number 7 Eicosane Concentration Rank 5

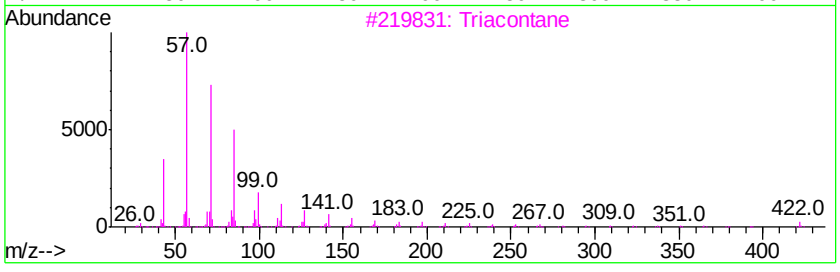
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	2.35 ng	138652	Perylene-d12	15.28

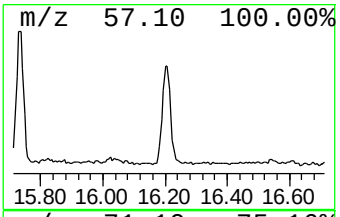
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octacosane	394	C28H58	000630-02-4	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane	296	C21H44	000629-94-7	90

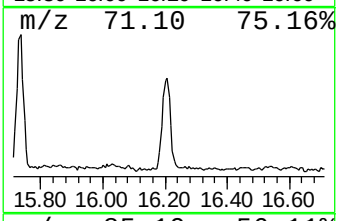


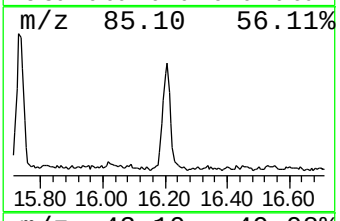


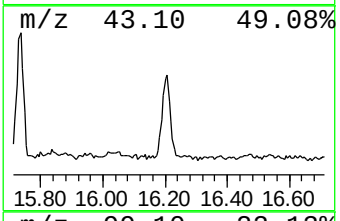


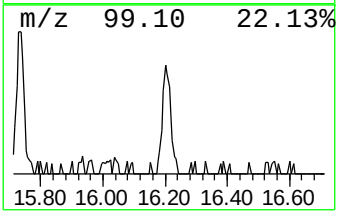












Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	49.3	ng	2433260	1	6.74	986497	20.0
17-Pentatriacontene	13.74	2.6	ng	132522	5	13.87	1013030	20.0
Squalene	14.72	2.2	ng	131954	6	15.28	1181820	20.0
Heneicosane	14.97	2.1	ng	126024	6	15.28	1181820	20.0
2-methyloctacosane	15.74	3.0	ng	176745	6	15.28	1181820	20.0
Eicosane	16.21	2.4	ng	138652	6	15.28	1181820	20.0