LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100842.D
Acq On : 22 Nov 2017 23:55
Operator : SJ/JU
Sample : I6528-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2-BACKYARD

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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	4.469	402	405	410	rBV	16159	18971	1.38%	0.152%
2	5.087	506	510	519	rBV	85970	99819	7.27%	0.800%
3	5.481	573	577	581	rBV	1271505	1188638	86.58%	9.530%
4	6.492	744	749	759	rBV	1220830	1224457	89.19%	9.817%
5	6.628	768	772	775	rBV	1431089	1258402	91.66%	10.089%
6	6.857	808	811	815	rBV	545409	447335	32.58%	3.587%
7	7.016	834	838	841	rBV	1155027	977377	71.19%	7.836%
8	7.422	902	907	910	rBV	882363	770888	56.15%	6.181%
9	8.139	1025	1029	1033	rBV	698305	597081	43.49%	4.787%
10	9.216	1207	1212	1215	rBV	1715126	1372936	100.00%	11.008%
11	9.610	1274	1279	1281	rBV	91272	81686	5.95%	0.655%
12	9.822	1307	1315	1318	rBV2	51607	52053	3.79%	0.417%
13	9.898	1324	1328	1331	rBV	758103	628940	45.81%	5.043%
14	10.316	1393	1399	1403	rBV2	55684	65589	4.78%	0.526%
15	10.686	1458	1462	1465	rBV	860152	738699	53.80%	5.923%
16	10.792	1476	1480	1486	rBV	41042	38743	2.82%	0.311%
17	11.386	1577	1581	1584	rBV	648839	580717	42.30%	4.656%
18	11.898	1665	1668	1673	rBV	62035	54366	3.96%	0.436%
19	12.686	1796	1802	1808	rBV2	17025	20788	1.51%	0.167%
20	12.968	1846	1850	1853	rBV	1078615	925238	67.39%	7.418%
21	13.851	1997	2000	2004	rBV2	45262	43386	3.16%	0.348%
22	14.021	2025	2029	2033	rBV	446427	385599	28.09%	3.092%
23	14.133	2033	2048	2050	rBV5	135343	405232	29.52%	3.249%
24	15.492	2274	2279	2285	rBV	370280	495771	36.11%	3.975%

Sum of corrected areas: 12472711

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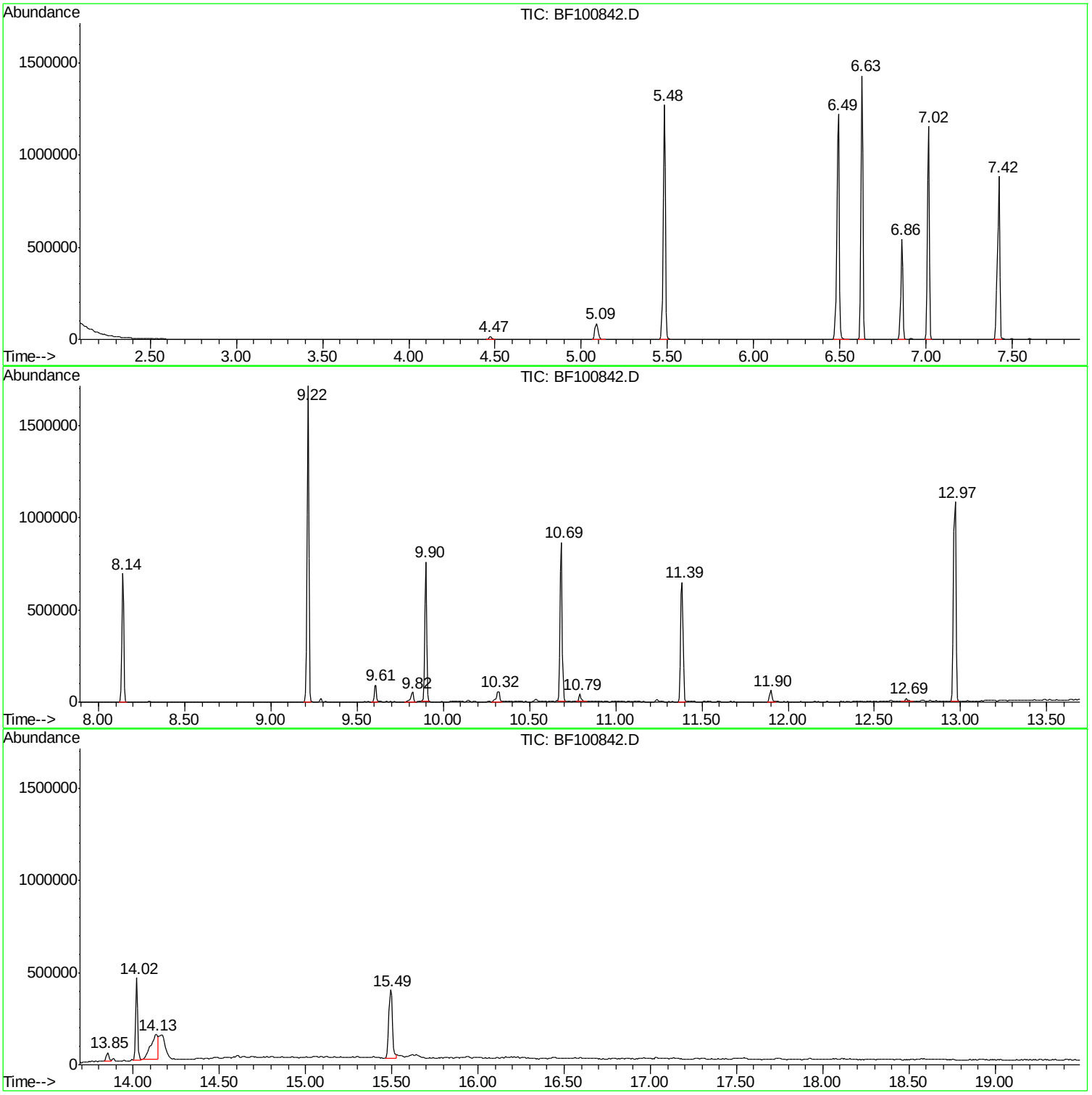
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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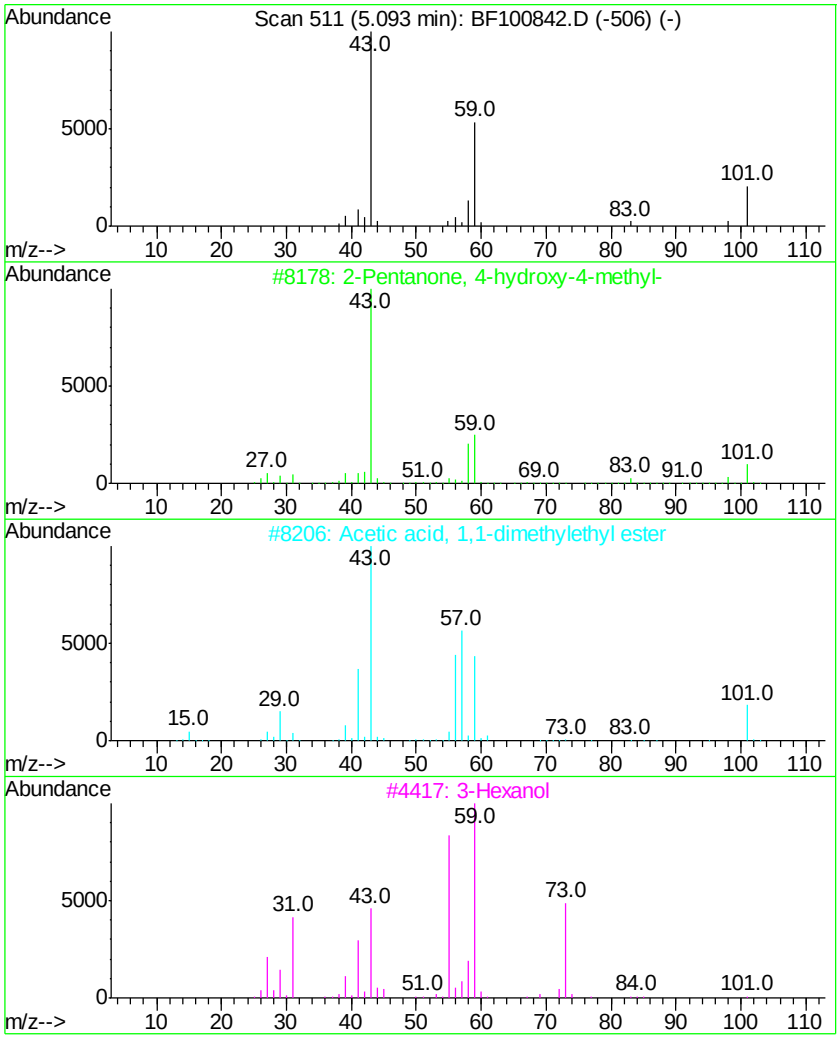
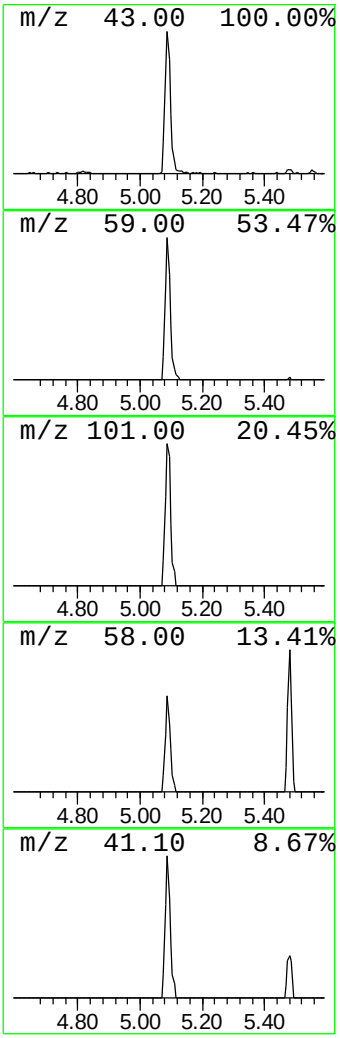
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	4.46 ng	99819	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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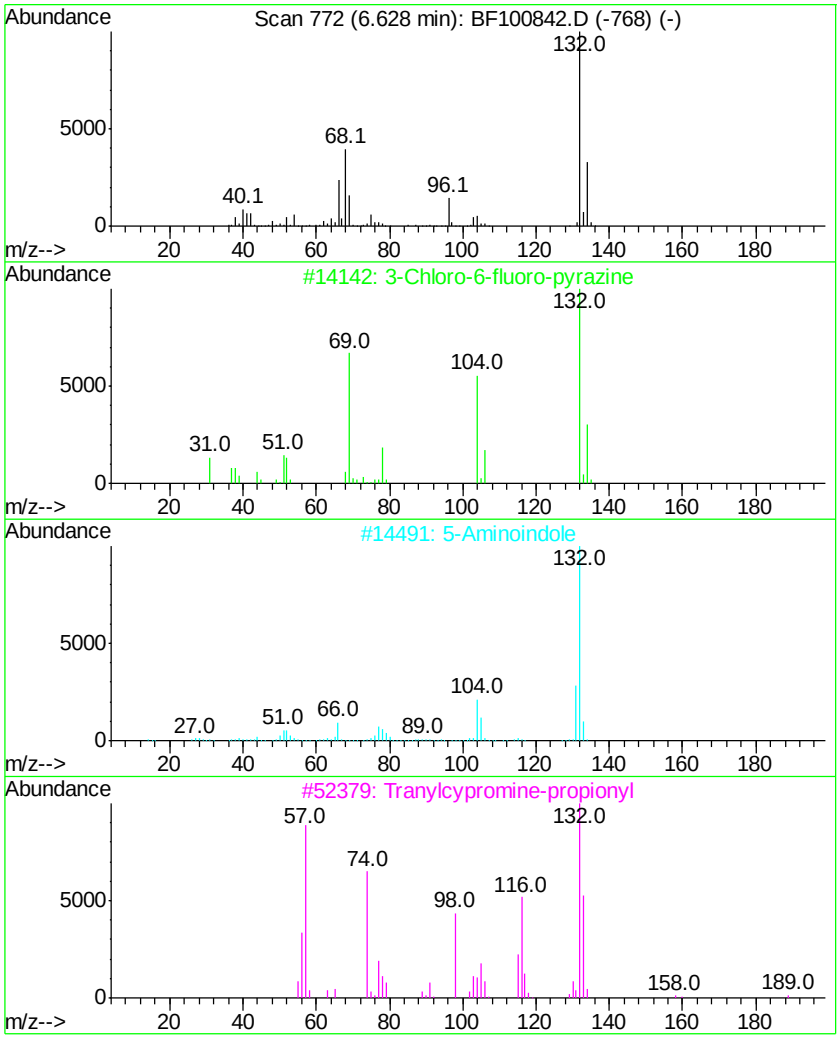
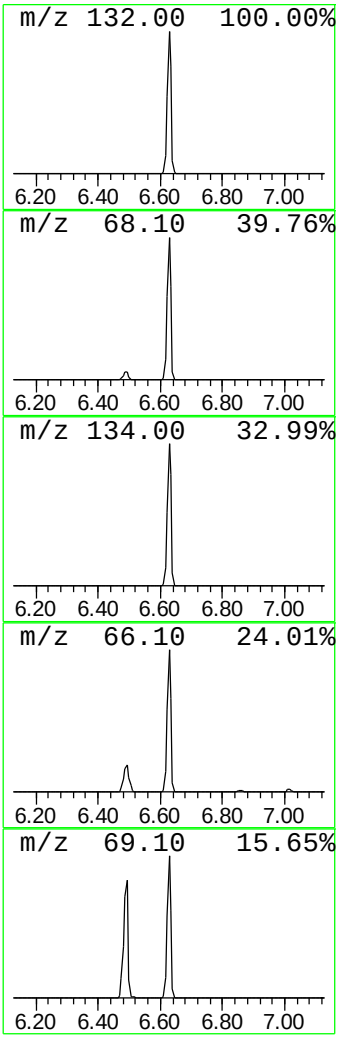
Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	56.26 ng	1258400	1,4-Dichlorobenzene-d4	6.86

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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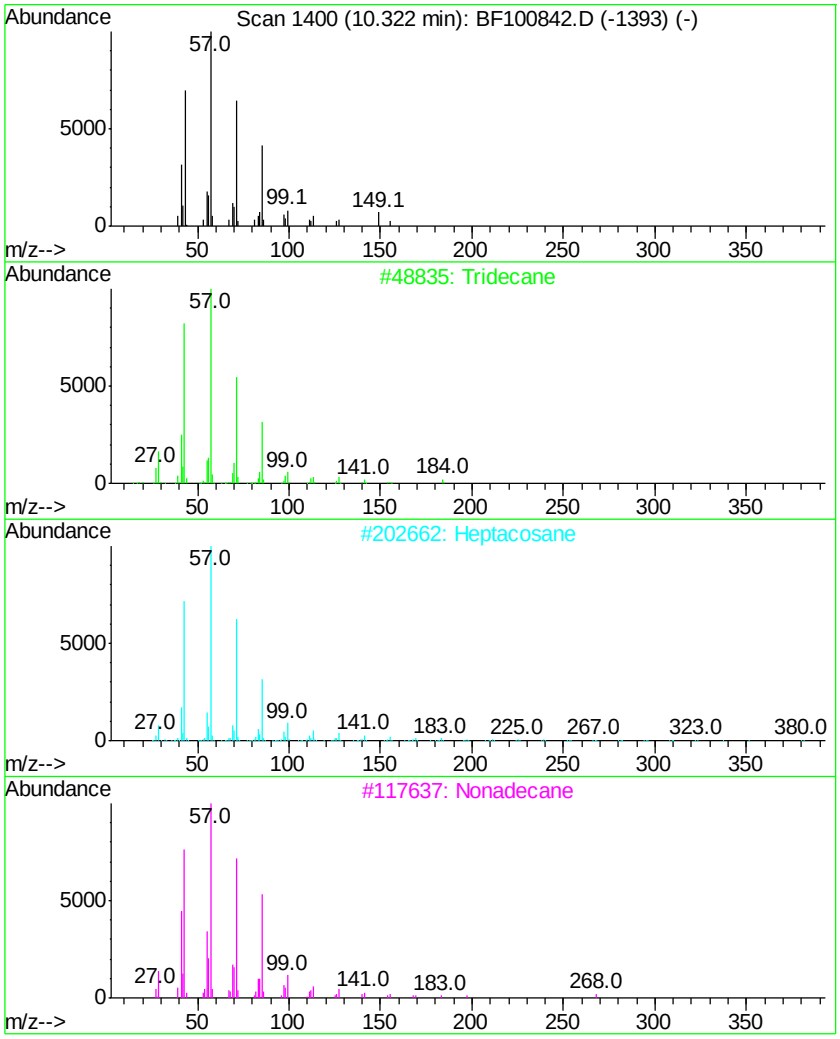
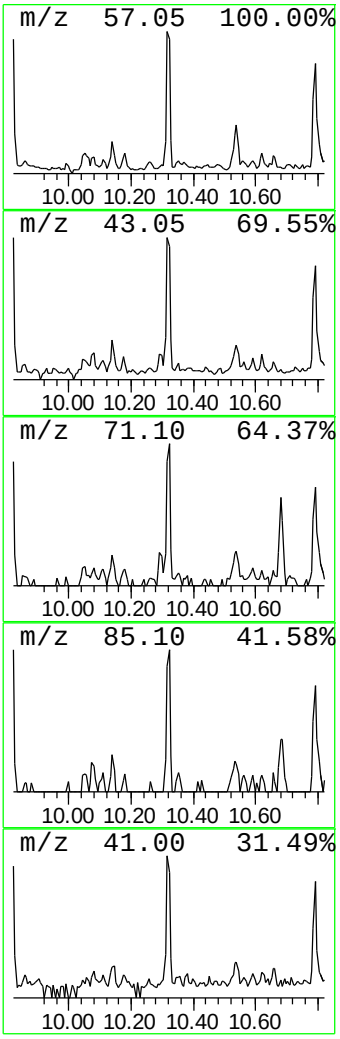
Peak Number 4 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.09 ng	65589	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Heptacosane	380	C27H56	000593-49-7	64
3	Nonadecane	268	C19H40	000629-92-5	62
4	Hexadecane	226	C16H34	000544-76-3	59
5	Eicosane	282	C20H42	000112-95-8	58





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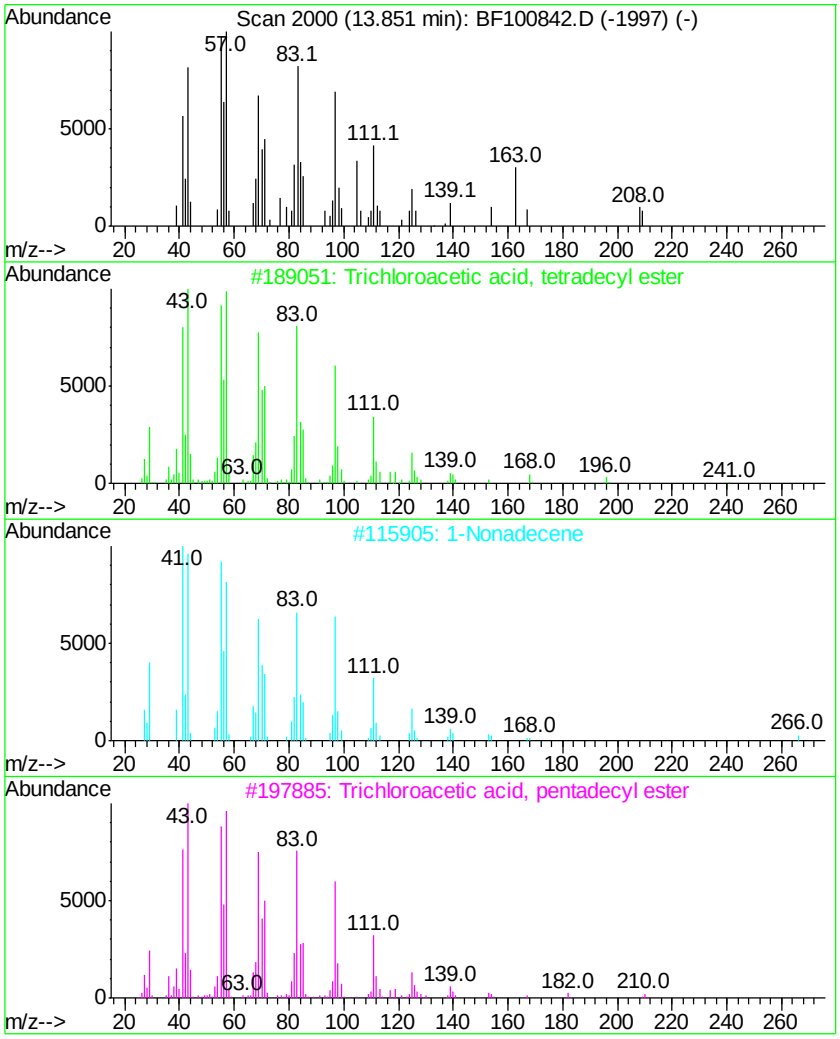
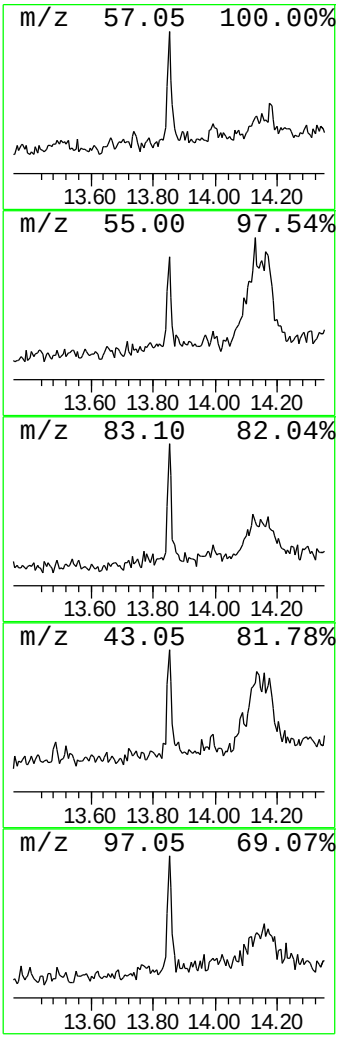
Peak Number 5 Trichloroacetic acid, tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.25 ng	43386	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	93
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
5	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	90





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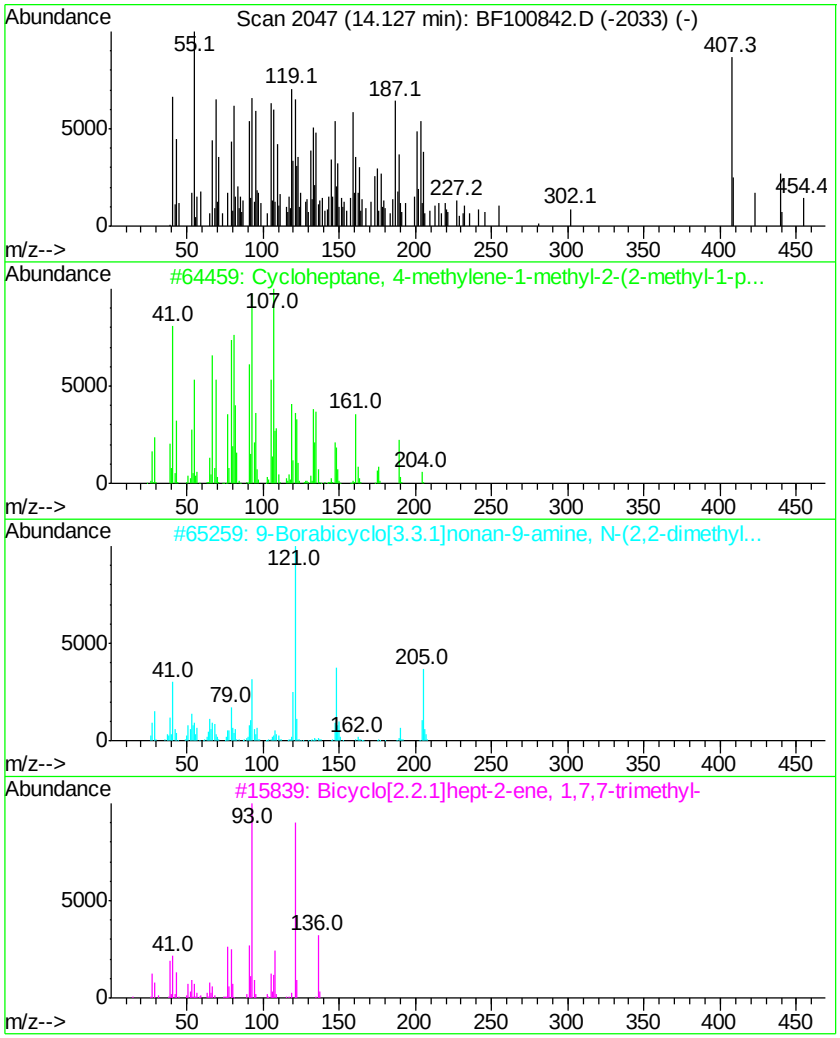
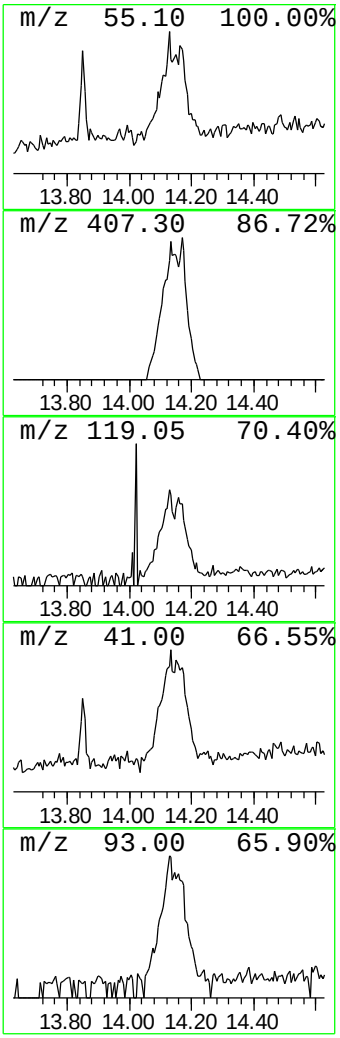
Peak Number 6 Cycloheptane, 4-methylene-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	21.02 ng	405232	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	59
2	9-Borabicyclo[3.3.1]nonan-9-amin...	205	C13H24BN	143122-94-5	25
3	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	25
4	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	15
5	Alloaromadendrene	204	C15H24	025246-27-9	15





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.09	4.5	ng	99819	1	6.86	447335	20.0
unknown6.63	6.63	56.3	ng	1258400	1	6.86	447335	20.0
Tridecane	10.32	2.1	ng	65589	3	9.90	628940	20.0
Trichloroacetic a...	13.85	2.3	ng	43386	5	14.02	385599	20.0
Cycloheptane, 4-m...	14.13	21.0	ng	405232	5	14.02	385599	20.0