LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084865.D
Acq On : 5 Feb 2016 17:47
Operator : SJ/IZ
Sample : H1311-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(11-12.5)

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-BF020116.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	4.807	236	238	246	rBV	805052	1295711	27.26%	2.915%
2	5.253	274	277	280	rBV	4093137	4215647	88.68%	9.483%
3	6.316	367	370	372	rBV	4278380	4753894	100.00%	10.694%
4	6.430	377	380	382	rBV	4794384	4467344	93.97%	10.049%
5	6.659	398	400	402	rBV	1345822	1093293	23.00%	2.459%
6	6.819	411	414	416	rVB	3959793	3749906	78.88%	8.435%
7	7.230	447	450	452	rBV	2737638	2755425	57.96%	6.198%
8	7.950	510	513	515	rBV	1327022	1433574	30.16%	3.225%
9	9.025	604	607	610	rBV	4652273	4721397	99.32%	10.620%
10	9.425	640	642	644	rBV	1066912	883601	18.59%	1.988%
11	9.642	659	661	663	rVB	160712	130539	2.75%	0.294%
12	9.699	663	666	668	rBV	1405333	1595763	33.57%	3.590%
13	10.145	702	705	706	rVB	196510	193106	4.06%	0.434%
14	10.362	721	724	727	rBV	75323	128374	2.70%	0.289%
15	10.488	732	735	737	rVV	2672248	3418600	71.91%	7.690%
16	10.613	743	746	753	rVB	250442	306376	6.44%	0.689%
17	10.808	761	763	765	rBV2	32842	52188	1.10%	0.117%
18	11.059	783	785	786	rBV	138130	118842	2.50%	0.267%
19	11.173	792	795	797	rVV	1824776	1572124	33.07%	3.536%
20	11.722	841	843	845	rBV	58399	55848	1.17%	0.126%
21	12.762	931	934	936	rBV	4741774	4549682	95.70%	10.234%
22	13.665	1011	1013	1022	rBV	367654	525508	11.05%	1.182%
23	13.802	1022	1025	1027	rBV	1426924	1332084	28.02%	2.996%
24	14.305	1065	1069	1075	rBV3	25160	68898	1.45%	0.155%
25	14.568	1089	1092	1095	rBV3	39288	61360	1.29%	0.138%
26	15.162	1142	1144	1147	rBV	612920	877915	18.47%	1.975%
27	15.642	1183	1186	1194	rBV5	32578	98676	2.08%	0.222%

Sum of corrected areas: 44455675

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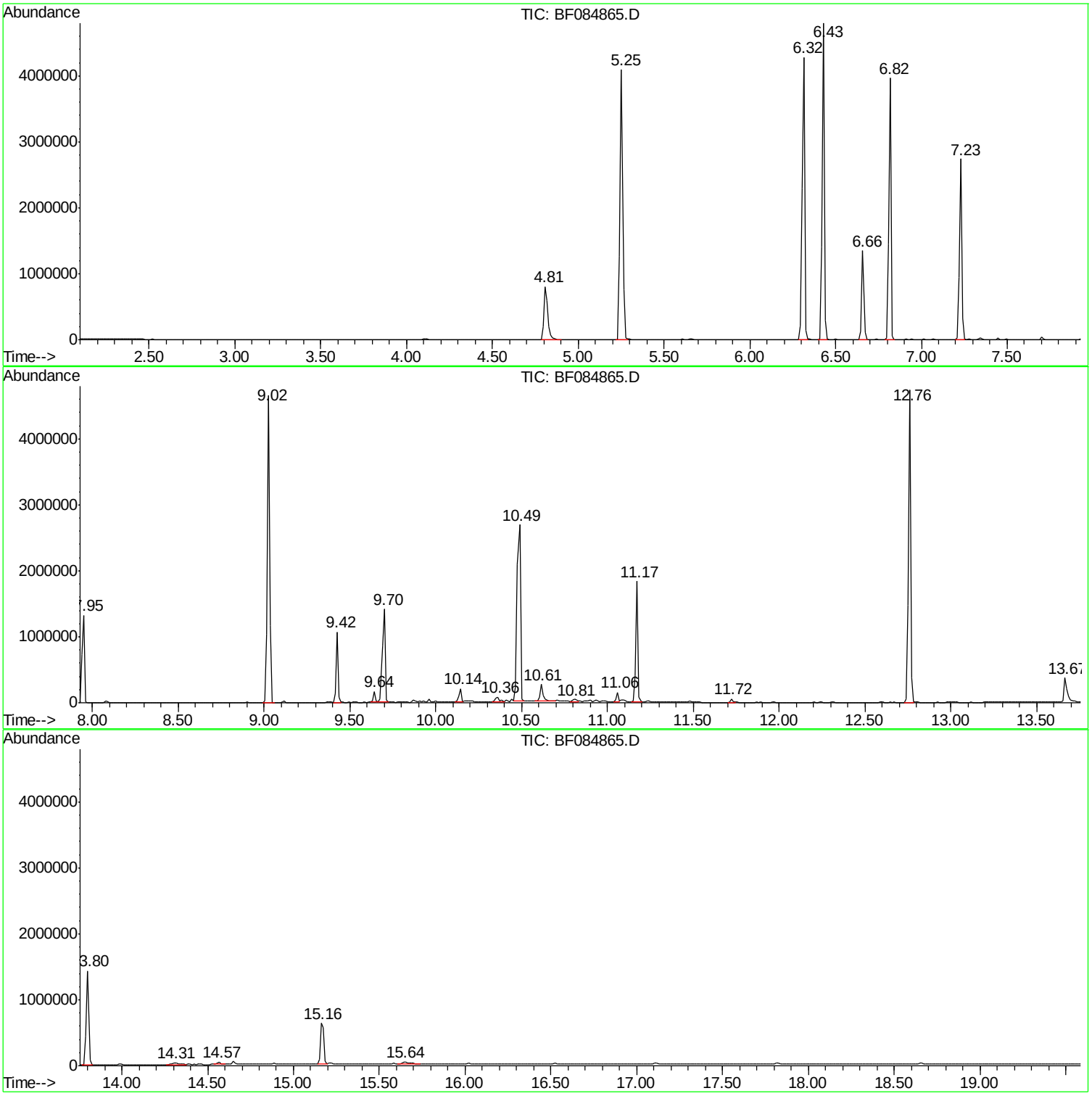
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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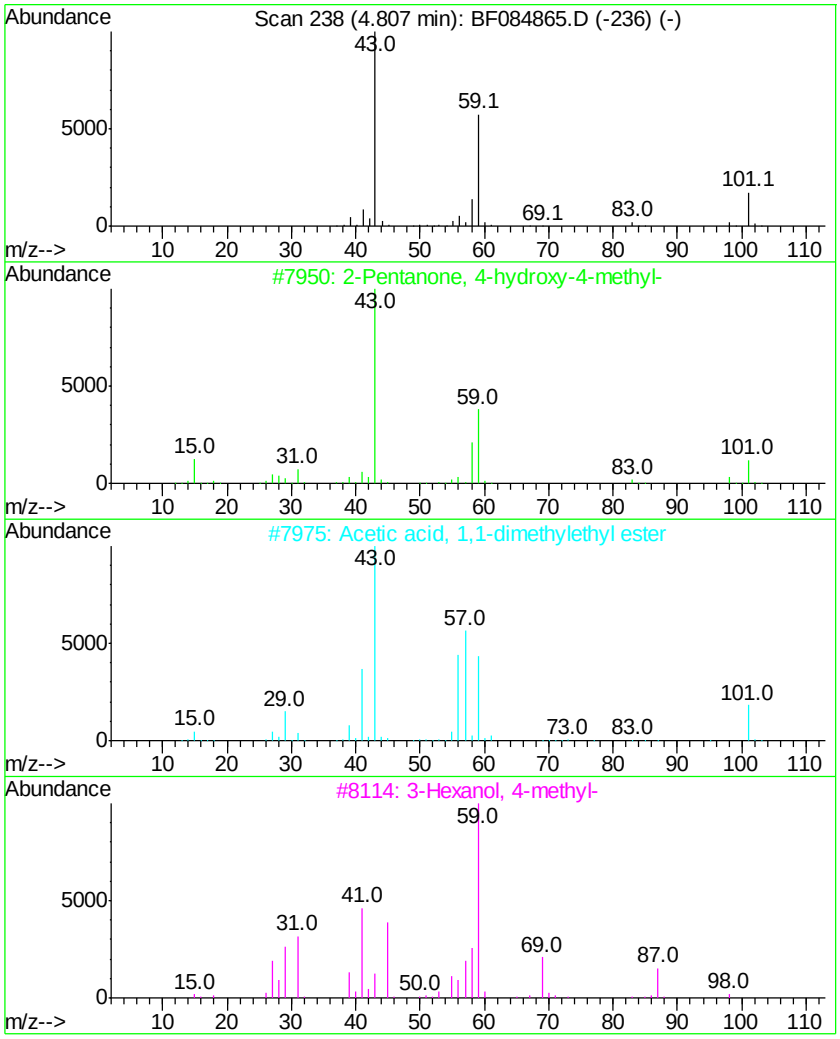
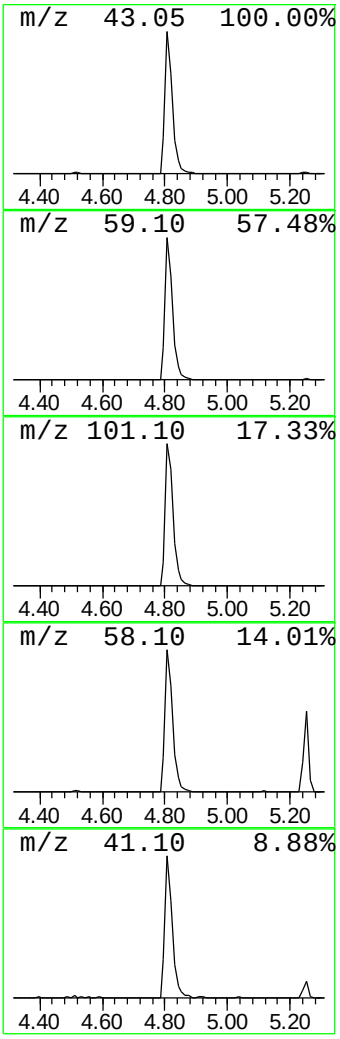
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	23.70 ng	1295710	1,4-Dichlorobenzene-d4	6.66

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, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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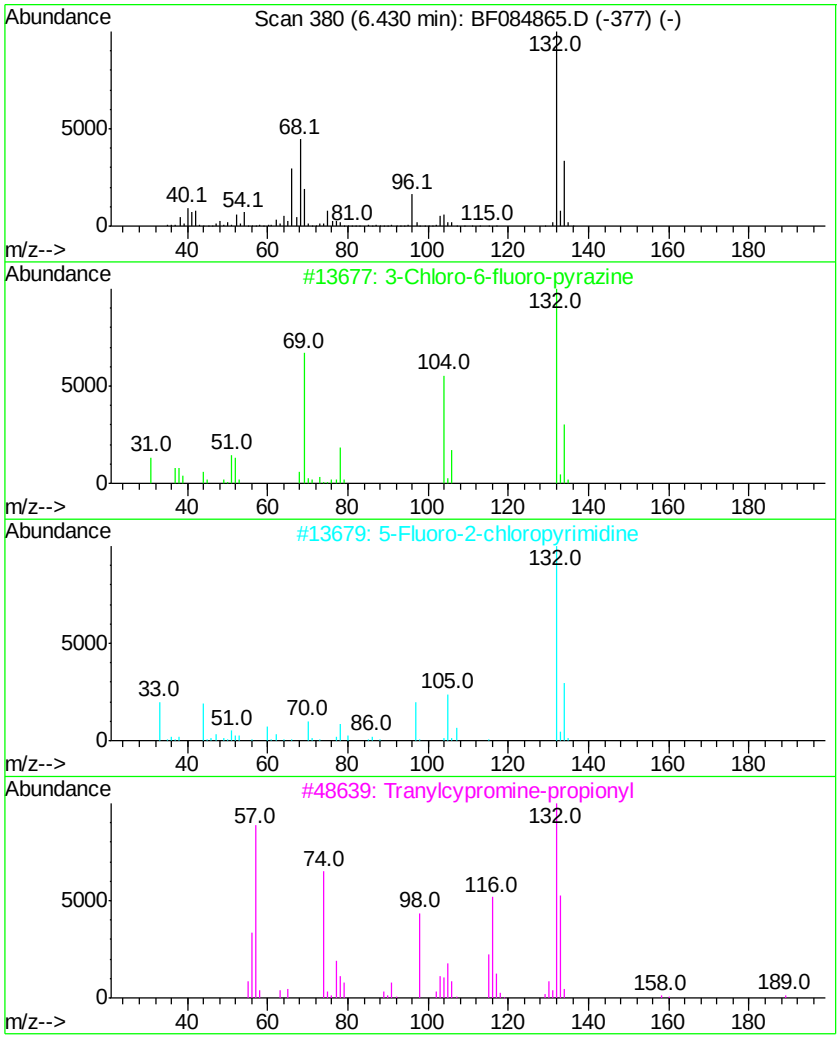
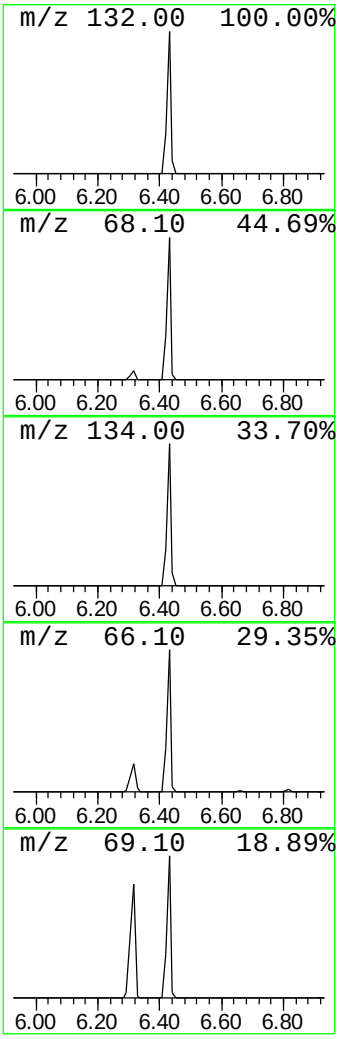
Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	81.72 ng	4467340	1,4-Dichlorobenzene-d4	6.66

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	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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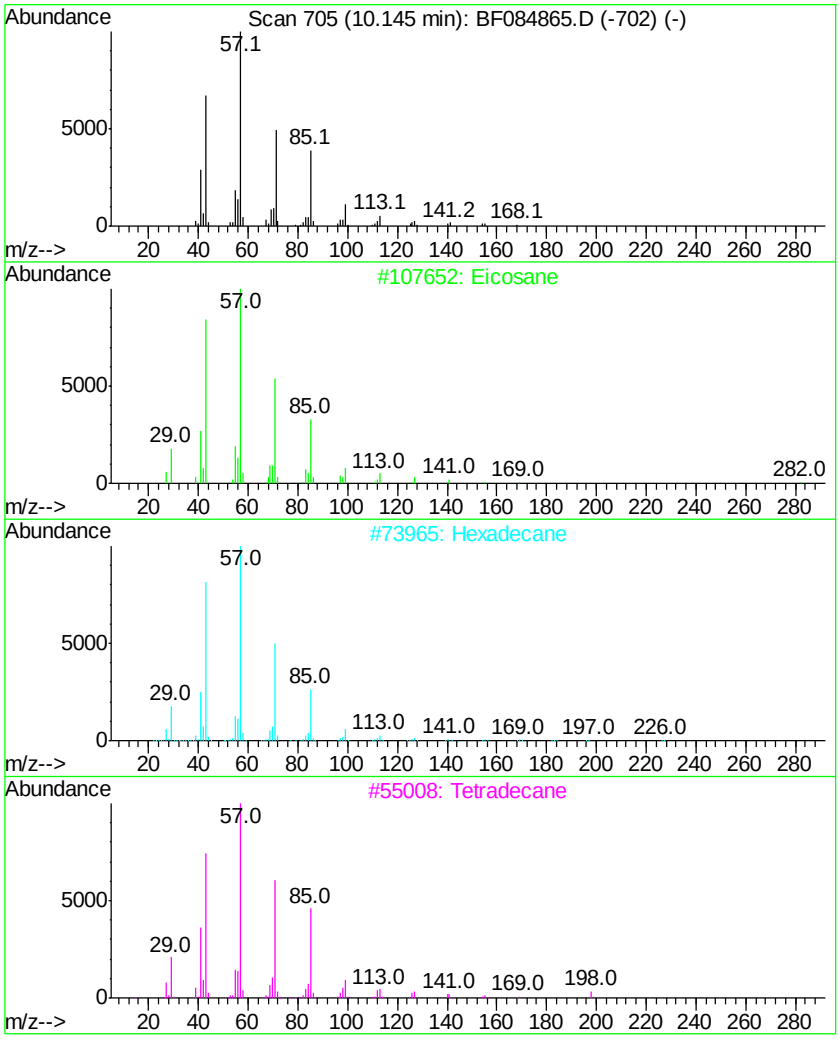
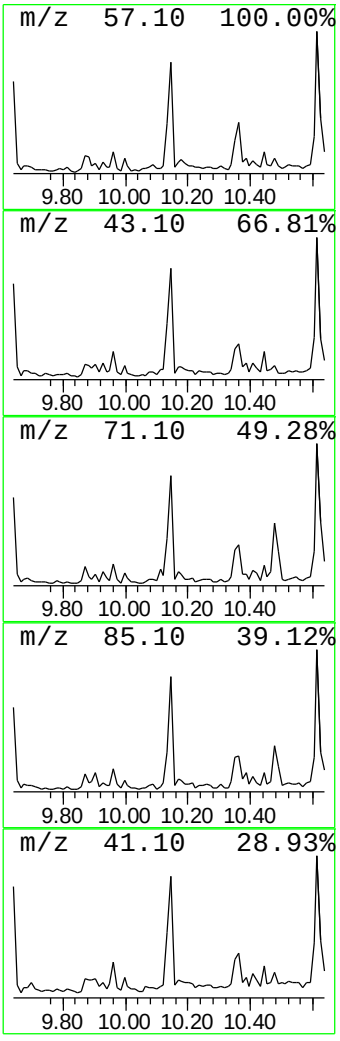
Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	2.42 ng	193106	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heptadecane	240	C17H36	000629-78-7	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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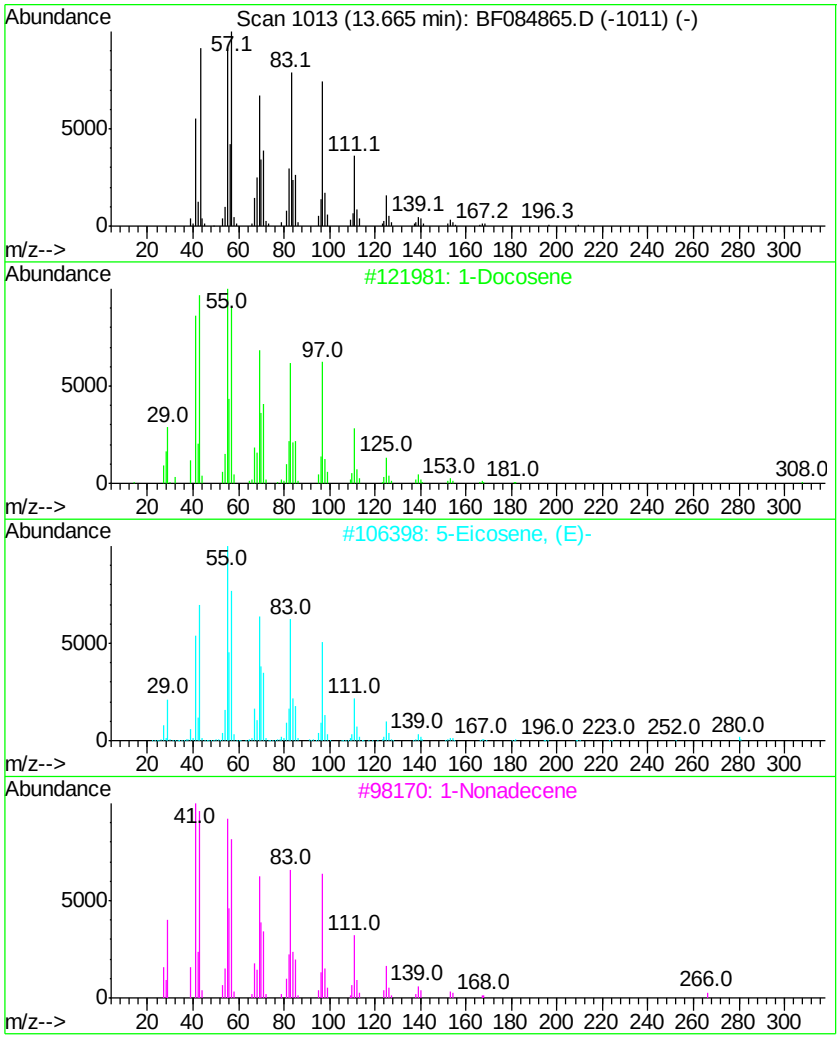
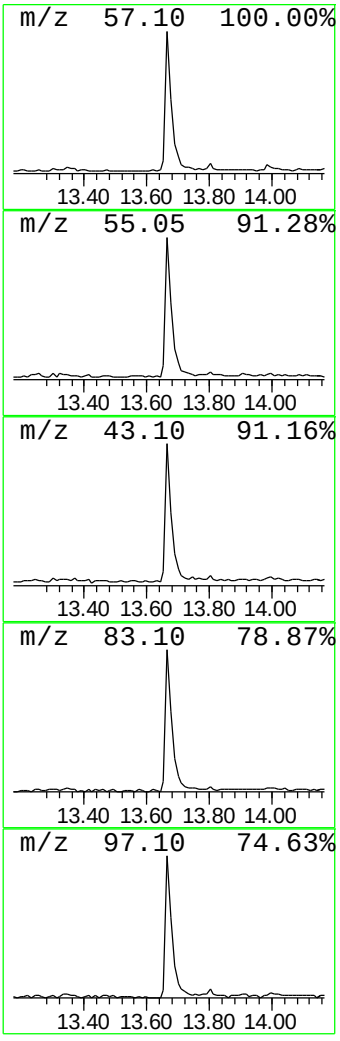
Peak Number 6 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	7.89 ng	525508	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	83
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83





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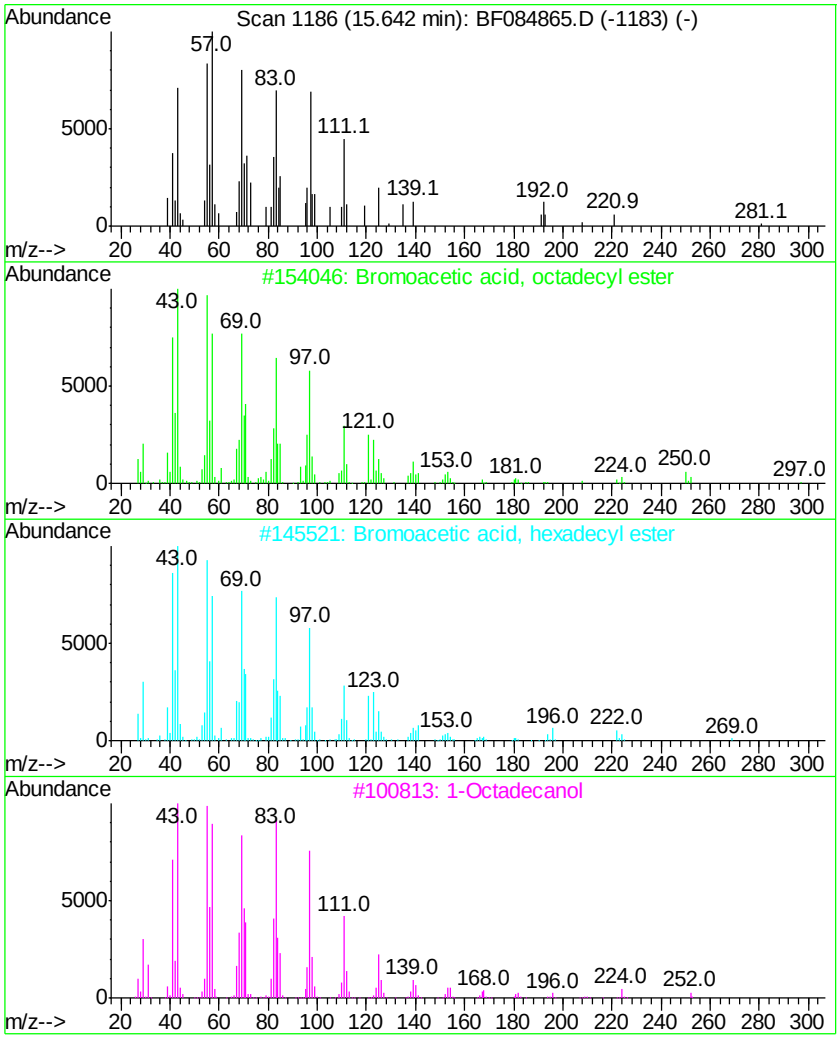
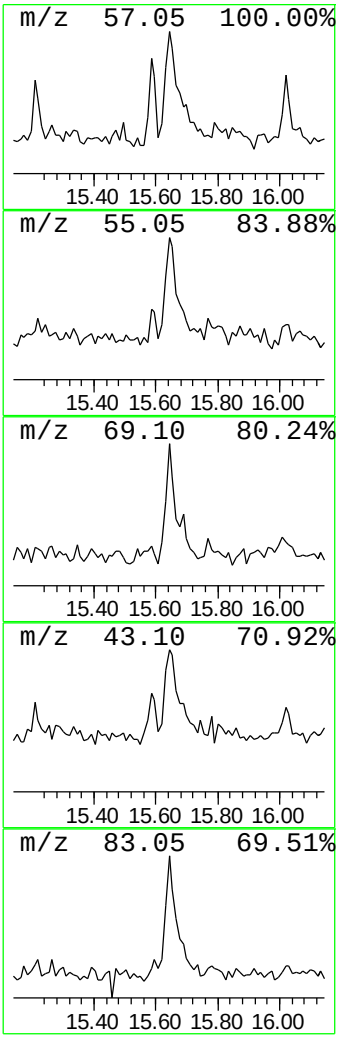
Peak Number 7 Bromoacetic acid, octadecyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.25 ng	98676	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	76
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	64
3	1-Octadecanol	270	C18H38O	000112-92-5	55
4	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	53
5	1-Nonadecene	266	C19H38	018435-45-5	53





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...	4.81	23.7	ng	1295710	1	6.66	1093290	20.0
unknown6.43	6.43	81.7	ng	4467340	1	6.66	1093290	20.0
Eicosane	10.14	2.4	ng	193106	3	9.70	1595760	20.0
1-Docosene	13.67	7.9	ng	525508	5	13.80	1332080	20.0
Bromoacetic acid,...	15.64	2.3	ng	98676	6	15.17	877915	20.0