LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028785.D
Acq On : 16 Sep 2017 4:02
Operator : SJ/JU
Sample : I5187-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170609-COMP-A

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_G\METHODS\8270-BG091217.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	5.389	301	306	314	rVB2	56230	87599	3.43%	0.664%
2	5.859	379	386	396	rBV	500861	833670	32.61%	6.323%
3	7.445	646	656	670	rBV	510738	933945	36.54%	7.083%
4	7.821	713	720	732	rBV	489789	865768	33.87%	6.566%
5	8.291	792	800	808	rVB	104894	180337	7.05%	1.368%
6	8.614	848	855	863	rVB	342797	611568	23.93%	4.638%
7	9.460	991	999	1009	rBV	284557	539145	21.09%	4.089%
8	11.111	1273	1280	1289	rBV	131897	253246	9.91%	1.921%
9	13.526	1683	1691	1705	rBV	894894	1403610	54.91%	10.645%
10	14.349	1824	1831	1837	rBV	66588	104508	4.09%	0.793%
11	14.907	1918	1926	1937	rVB3	240056	411666	16.10%	3.122%
12	16.399	2173	2180	2194	rBV	946141	1493603	58.43%	11.328%
13	17.663	2387	2395	2402	rBV	410298	620243	24.26%	4.704%
14	18.003	2448	2453	2463	rBV5	16037	37433	1.46%	0.284%
15	18.515	2533	2540	2548	rBV2	86146	152992	5.99%	1.160%
16	18.591	2550	2553	2560	rVB	21898	29863	1.17%	0.226%
17	19.355	2676	2683	2691	rBV2	98203	171821	6.72%	1.303%
18	19.772	2748	2754	2762	rBV3	38059	73061	2.86%	0.554%
19	20.248	2829	2835	2842	rBV	1901911	2556178	100.00%	19.386%
20	20.518	2875	2881	2885	rVB4	36881	51664	2.02%	0.392%
21	20.865	2936	2940	2944	rVB2	44482	51894	2.03%	0.394%
22	21.023	2964	2967	2972	rBV2	28978	32002	1.25%	0.243%
23	21.558	3054	3058	3066	rBV4	46847	85873	3.36%	0.651%
24	21.822	3098	3103	3109	rVB2	80012	113926	4.46%	0.864%
25	21.987	3124	3131	3140	rBV	414851	758566	29.68%	5.753%
26	25.453	3710	3721	3737	rVB	224215	731427	28.61%	5.547%

Sum of corrected areas: 13185608

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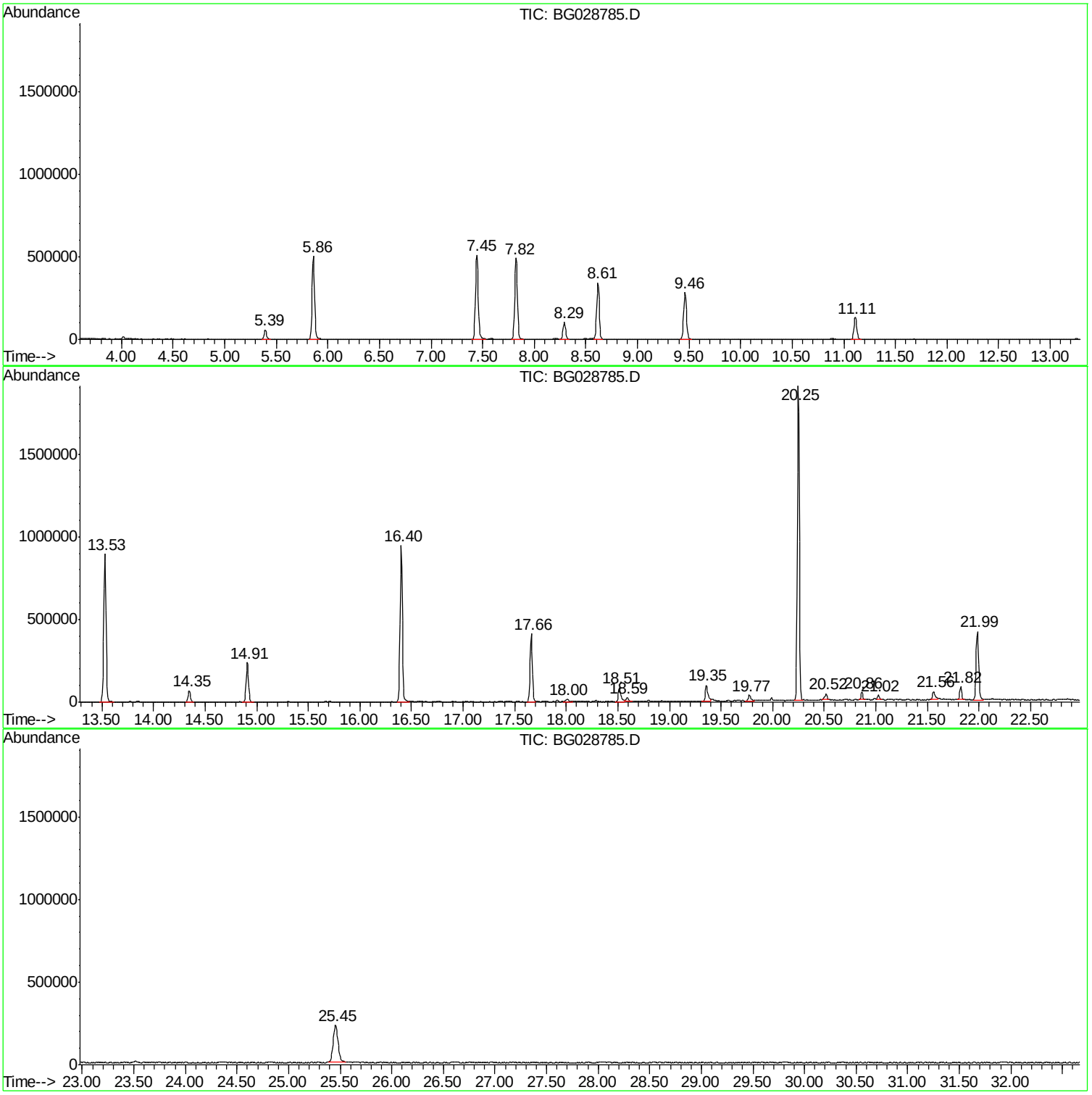
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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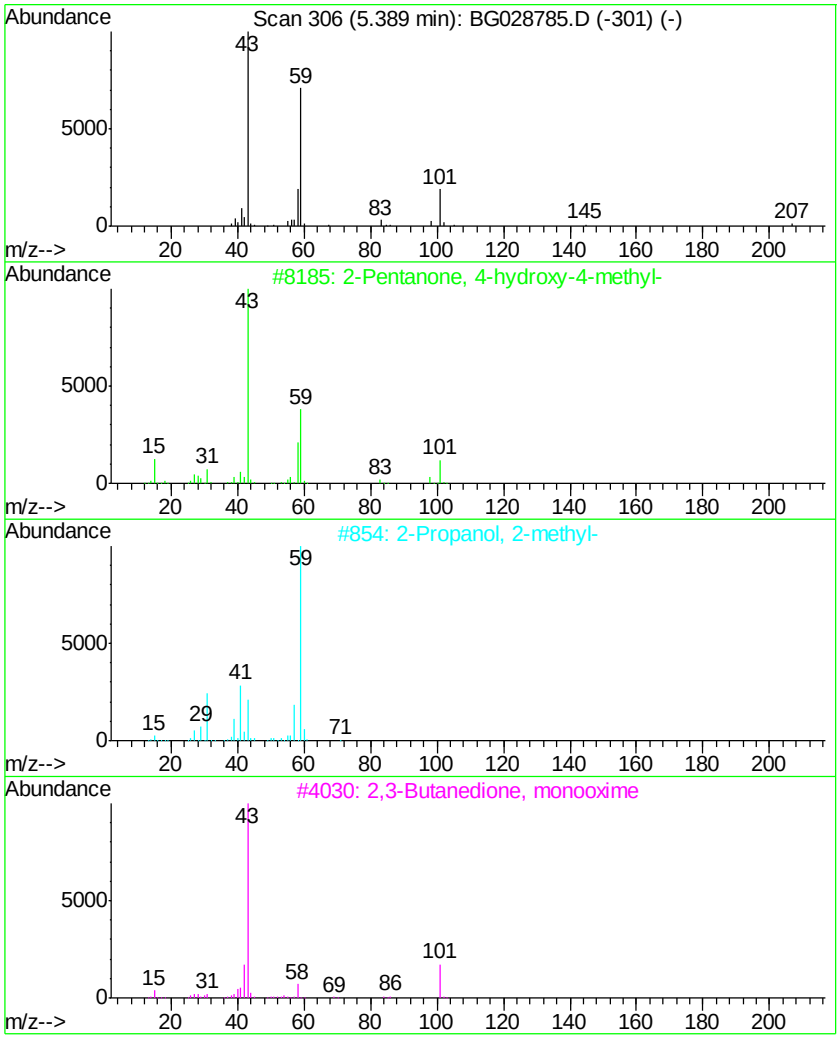
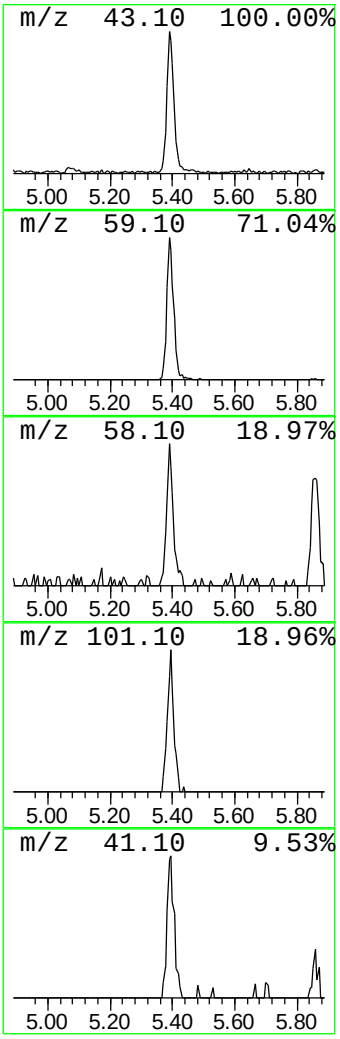
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	9.72 ng	87599	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	12
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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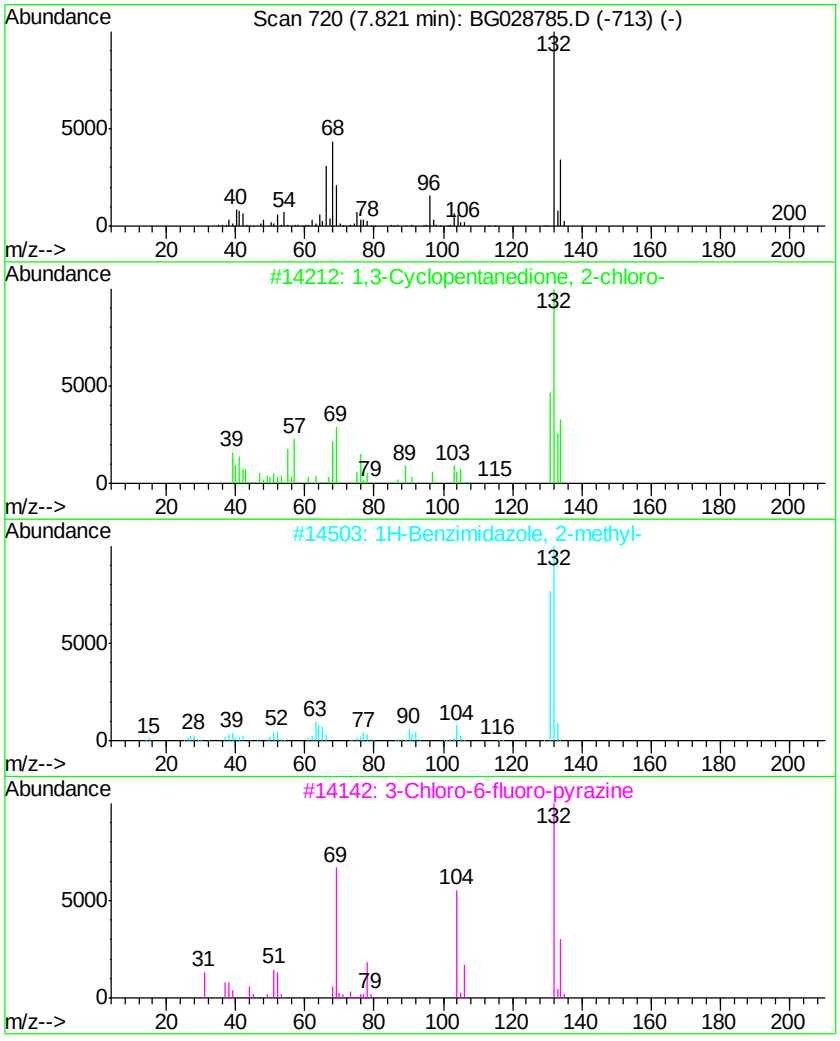
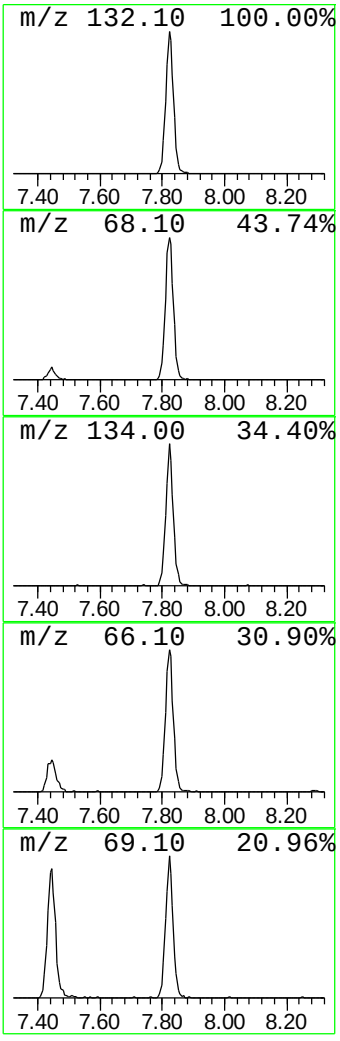
Peak Number 2 unknown7.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	96.02 ng	865768	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Instrument : BNA_G
ClientSampleId : 20170609-COMP-A

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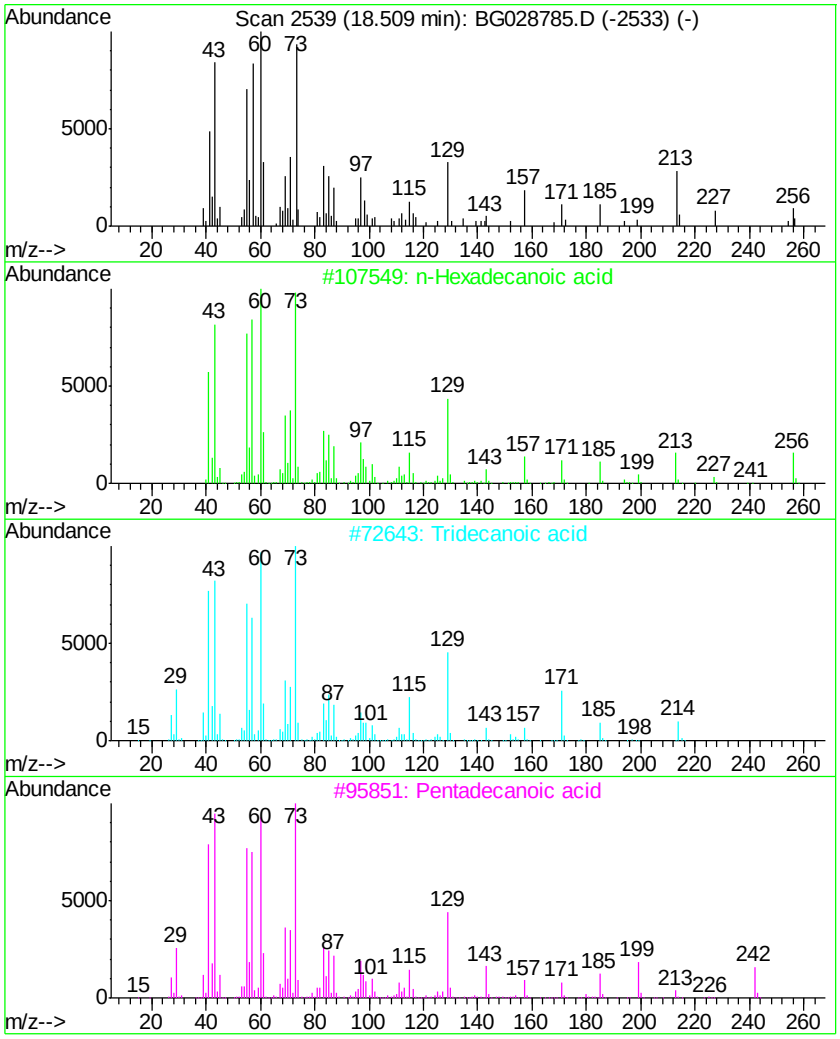
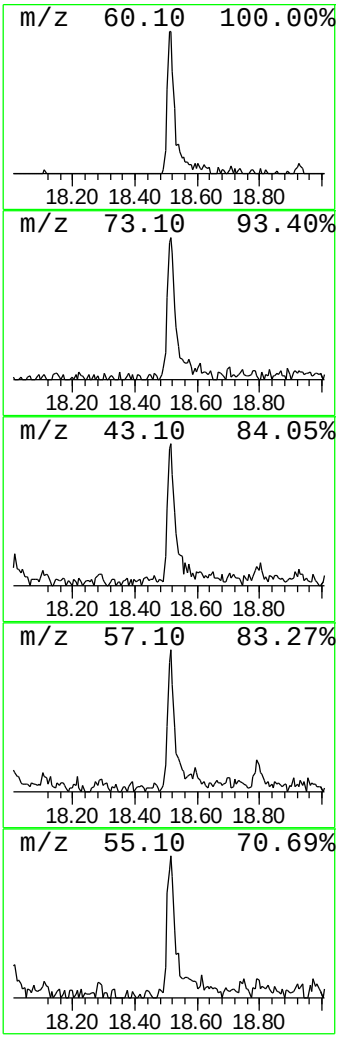
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	4.93 ng	152992	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





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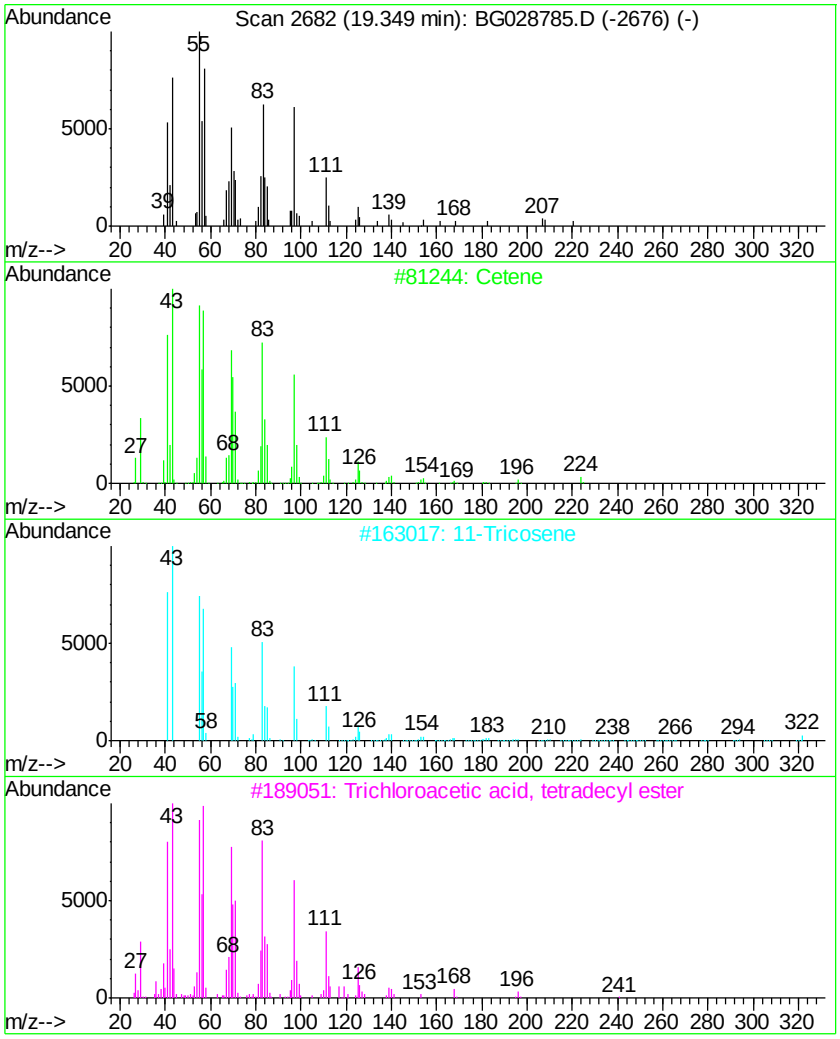
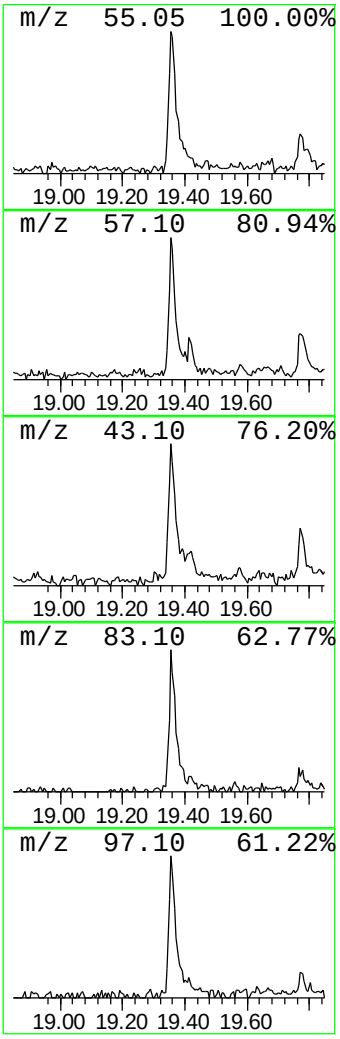
Peak Number 5 Cetene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	5.54 ng	171821	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	90
2	11-Tricosene	322	C23H46	052078-56-5	87
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	86
4	1-Heneicosanol	312	C21H44O	015594-90-8	83
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	83





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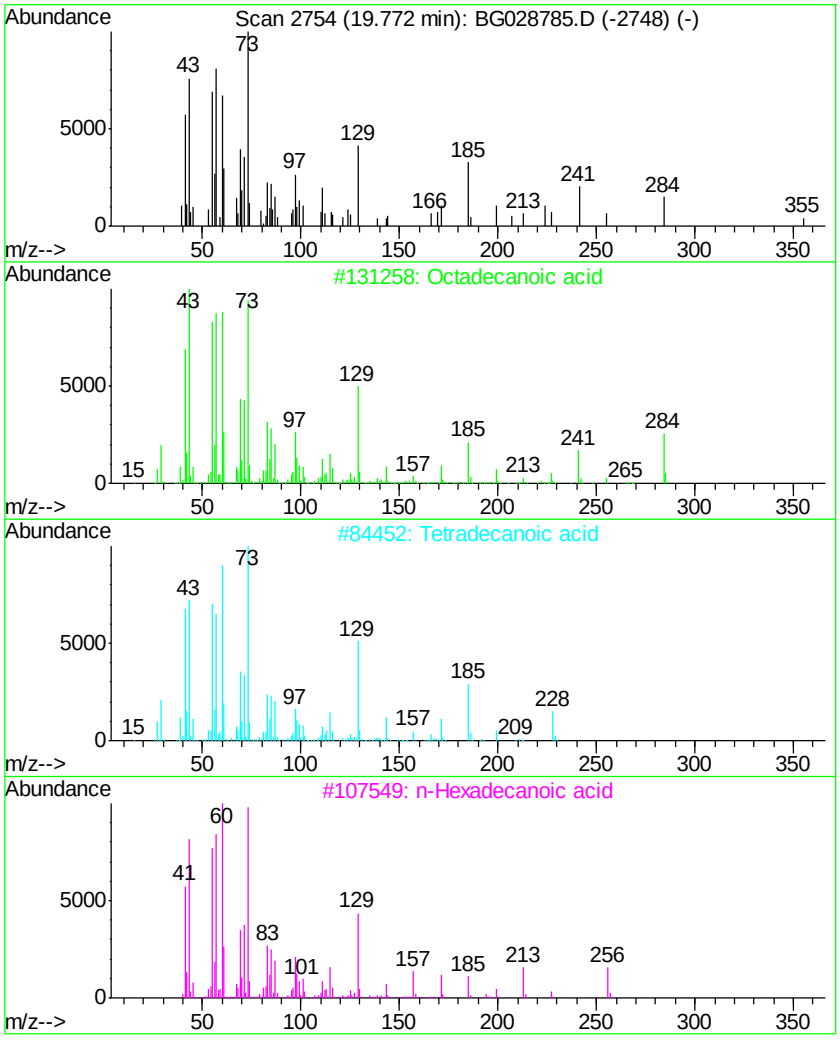
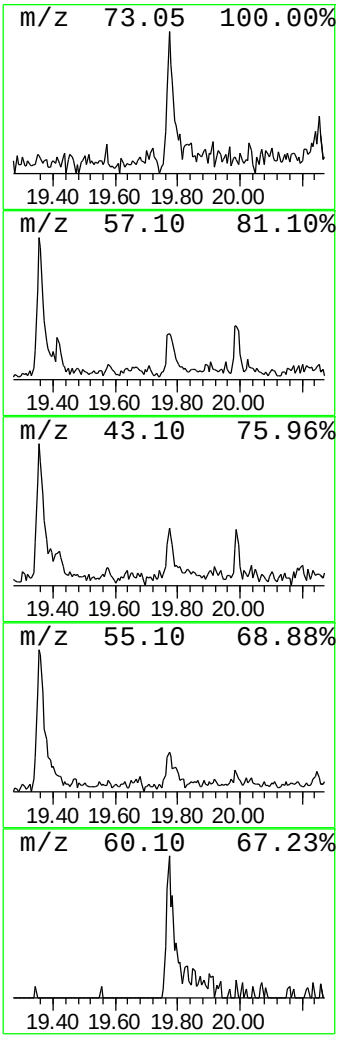
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.36 ng	73061	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
4	Lactose	342	C12H22O11	000063-42-3	38
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	22





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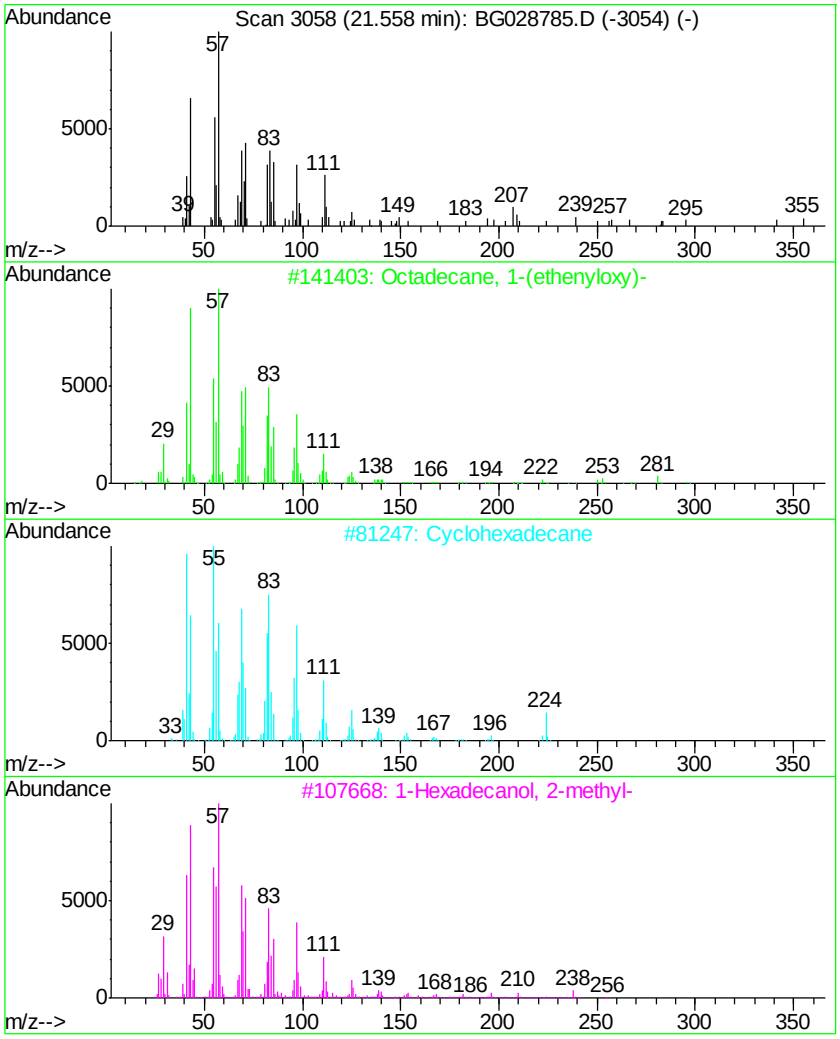
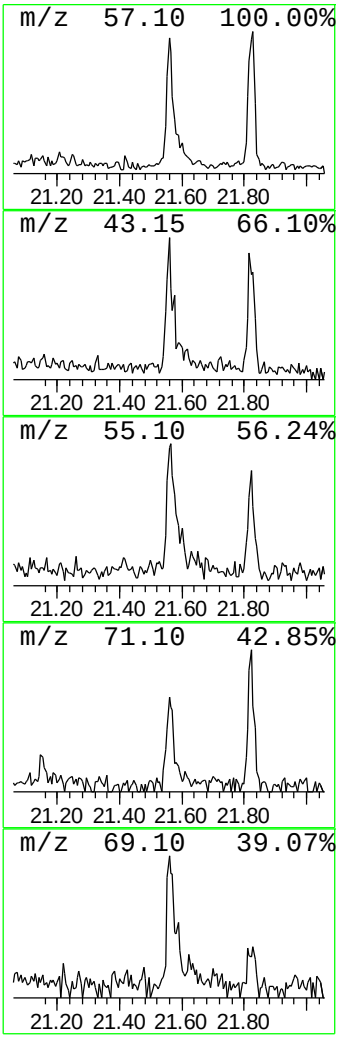
Peak Number 7 Octadecane, 1-(ethenyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	2.26 ng	85873	Chrysene-d12	21.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	68
2	Cyclohexadecane	224	C16H32	000295-65-8	64
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	64
4	17-Pentatriacontene	491	C35H70	006971-40-0	64
5	9-Nonadecene	266	C19H38	031035-07-1	62





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...	5.39	9.7	ng	87599	1	8.29	180337	20.0
unknown7.82	7.82	96.0	ng	865768	1	8.29	180337	20.0
n-Hexadecanoic acid	18.51	4.9	ng	152992	4	17.66	620243	20.0
Cetene	19.35	5.5	ng	171821	4	17.66	620243	20.0
Octadecanoic acid	19.77	2.4	ng	73061	4	17.66	620243	20.0
Octadecane, 1-(et...	21.56	2.3	ng	85873	5	21.99	758566	20.0