LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025942.D
Acq On : 24 Feb 2017 21:40
Operator : SJ/MA
Sample : I1973-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-Y6-BASE

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-BG021717.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	5.182	308	314	322	rBV	641315	951080	12.41%	2.338%
2	5.652	386	394	402	rBV	1787847	2874551	37.52%	7.067%
3	7.239	656	664	677	rBV	1842203	3246791	42.38%	7.982%
4	7.615	719	728	736	rBV	1811671	3047886	39.78%	7.493%
5	8.079	797	807	814	rBV	274722	470829	6.15%	1.158%
6	8.408	853	863	870	rBV	1198468	2078319	27.13%	5.110%
7	9.236	995	1004	1013	rBV	1032958	1824285	23.81%	4.485%
8	10.881	1276	1284	1292	rBV	436844	771180	10.07%	1.896%
9	13.314	1690	1698	1705	rBV	3021798	4618292	60.28%	11.354%
10	14.125	1830	1836	1842	rBV	170503	252377	3.29%	0.620%
11	14.683	1924	1931	1939	rBV2	770040	1237823	16.16%	3.043%
12	15.241	2020	2026	2038	rBV	36060	92504	1.21%	0.227%
13	16.163	2175	2183	2199	rBV	2999443	4696687	61.30%	11.547%
14	17.415	2389	2396	2405	rBV	1160555	1772244	23.13%	4.357%
15	18.290	2540	2545	2553	rBV	287370	413143	5.39%	1.016%
16	19.554	2756	2760	2769	rBV	161603	229741	3.00%	0.565%
17	20.012	2831	2838	2844	rBV	5720047	7661781	100.00%	18.836%
18	21.299	3053	3057	3069	rVB	191704	314995	4.11%	0.774%
19	21.657	3112	3118	3129	rVB	1262346	2075509	27.09%	5.103%
20	24.865	3654	3664	3677	rBV2	725660	2045517	26.70%	5.029%

Sum of corrected areas: 40675534

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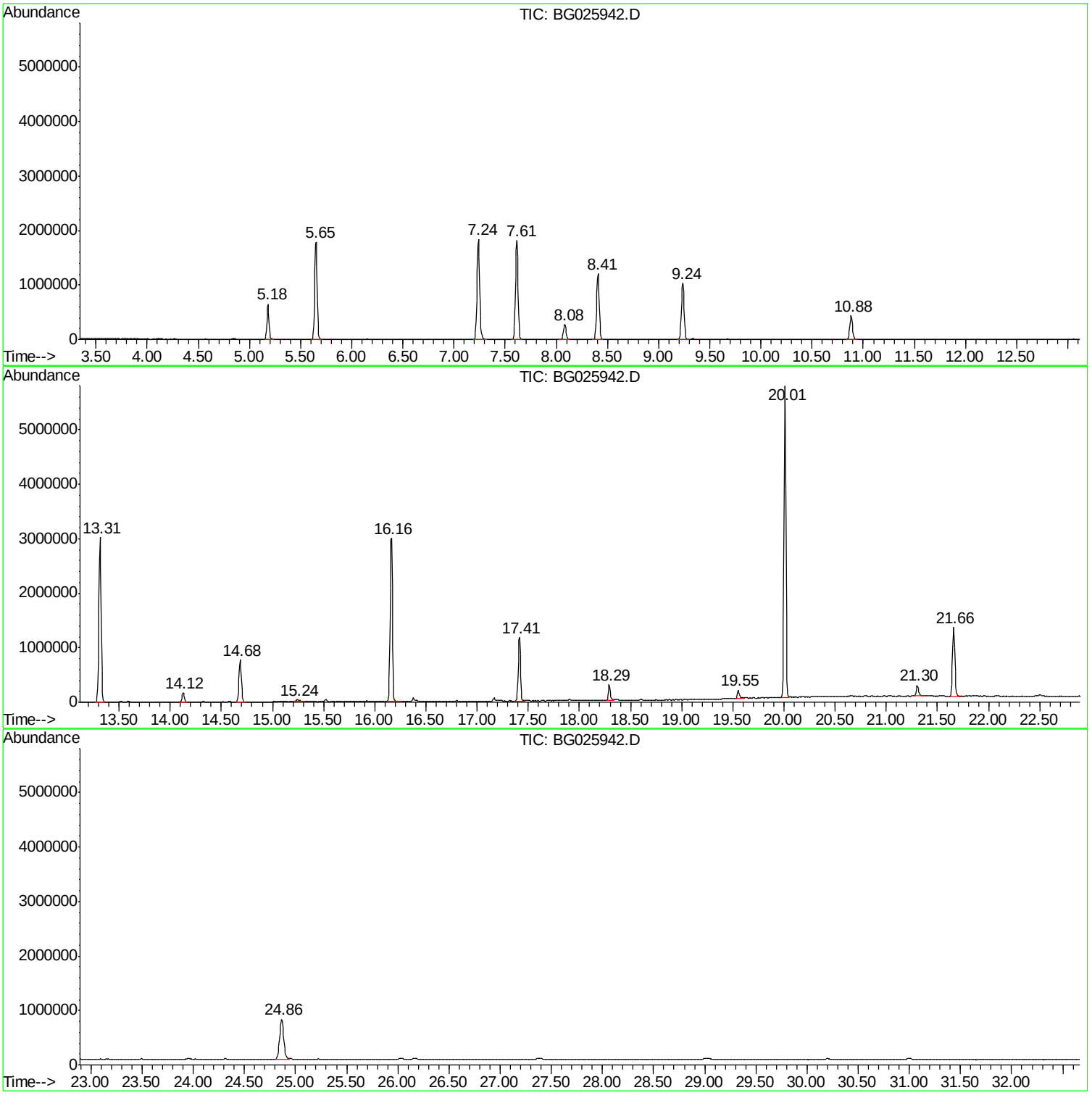
ClientSampleId : E2-Y6-BASE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.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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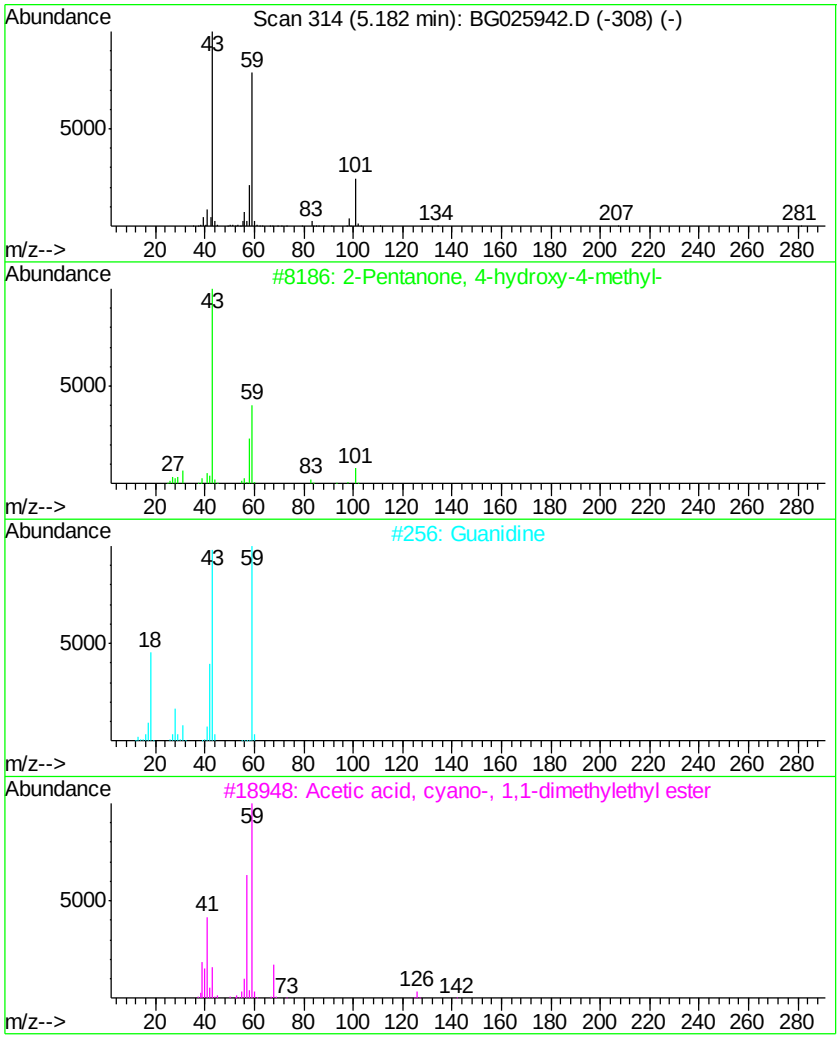
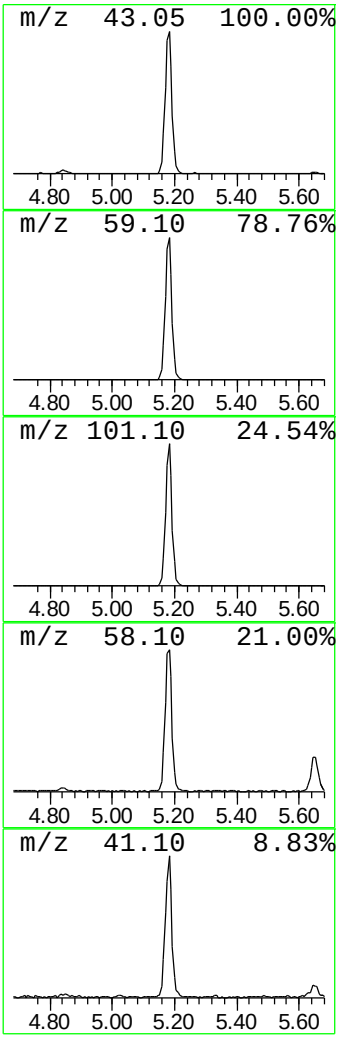
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	40.40 ng	951080	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	47
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ClientSampleId : E2-Y6-BASE

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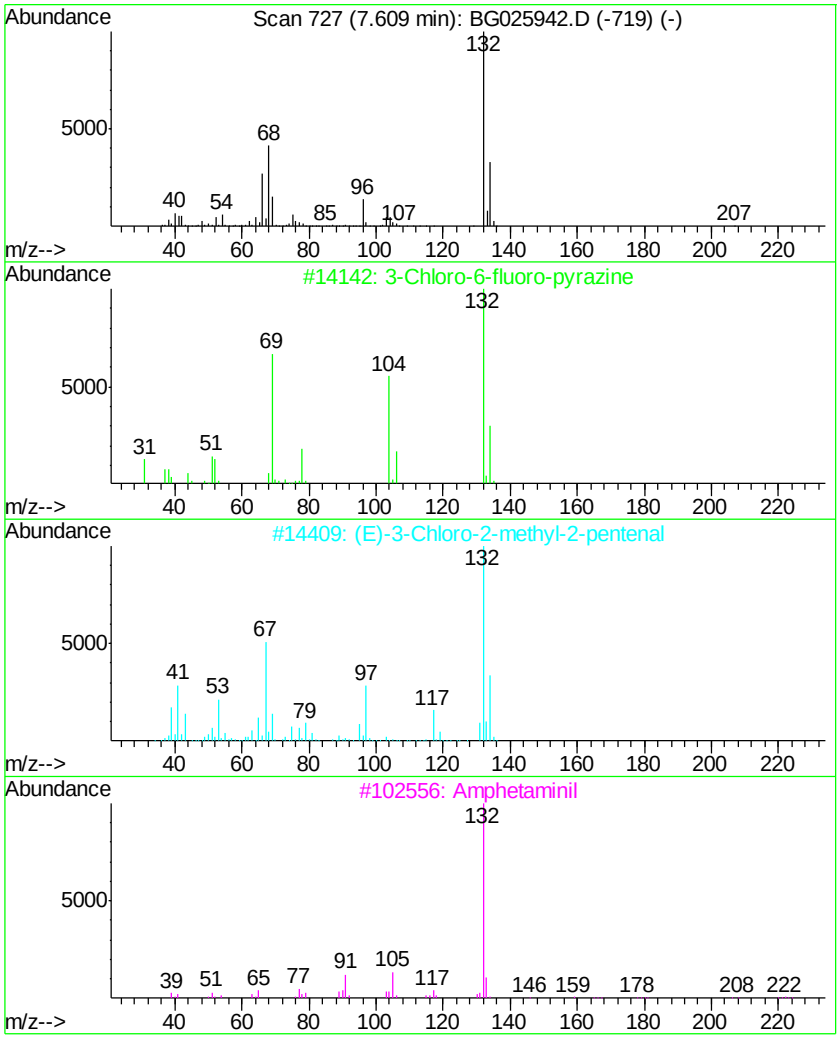
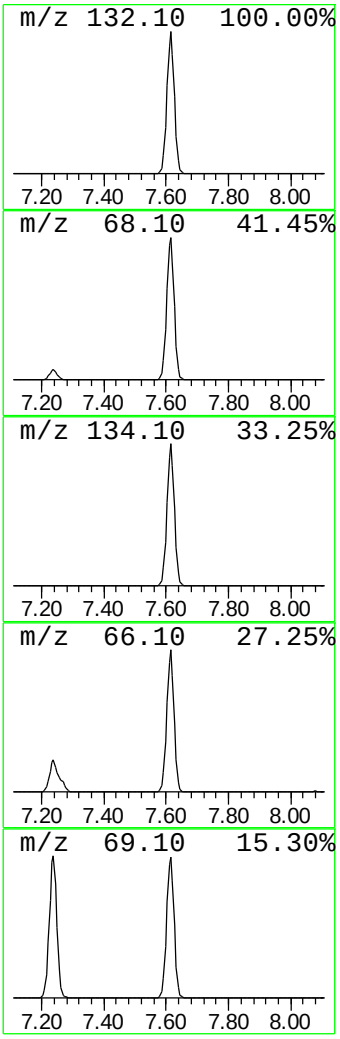
Peak Number 2 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	129.47 ng	3047890	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : E2-Y6-BASE

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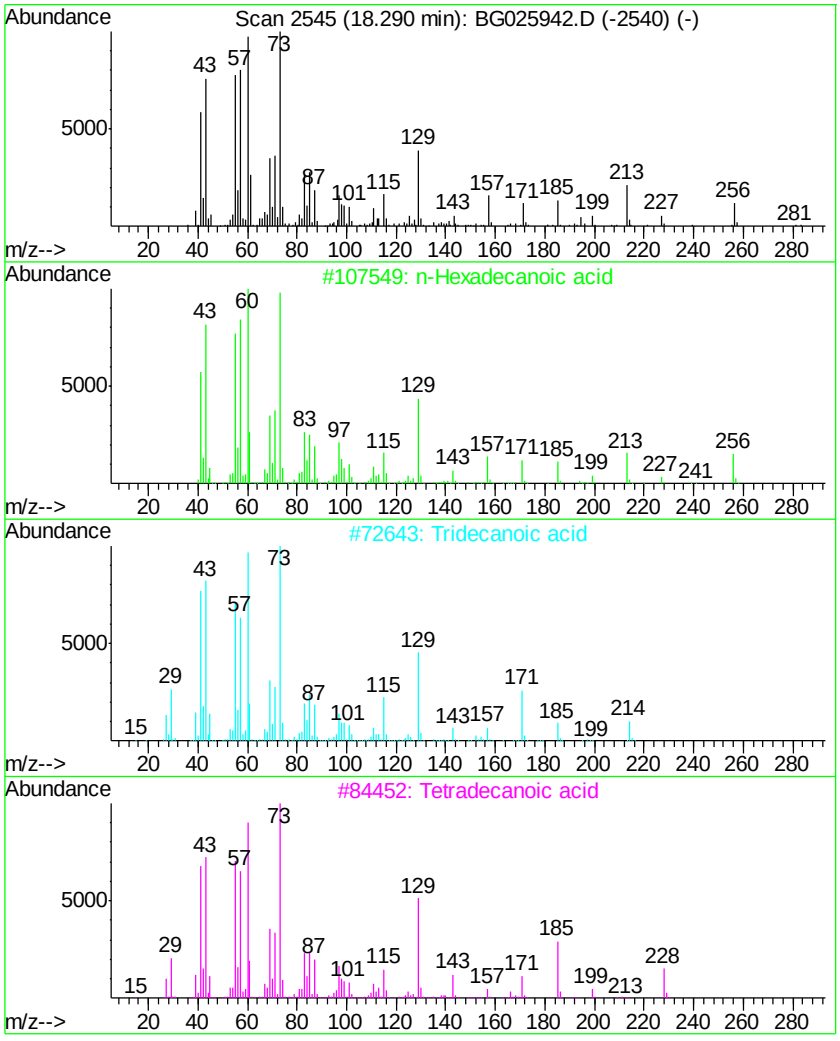
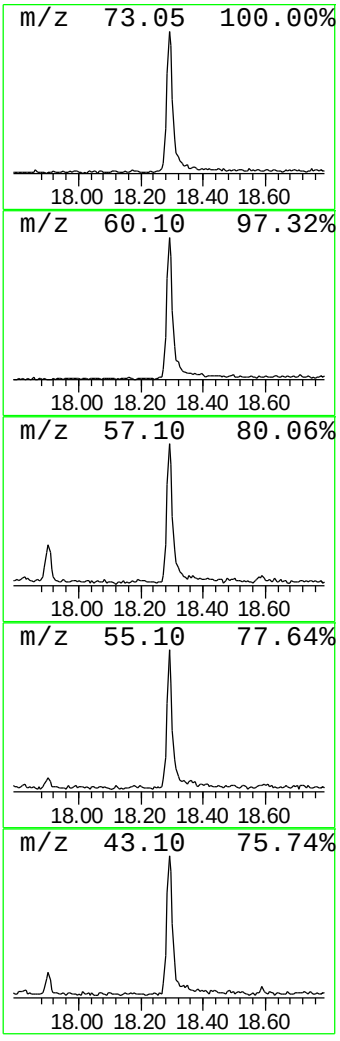
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	4.66 ng	413143	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-Y6-BASE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
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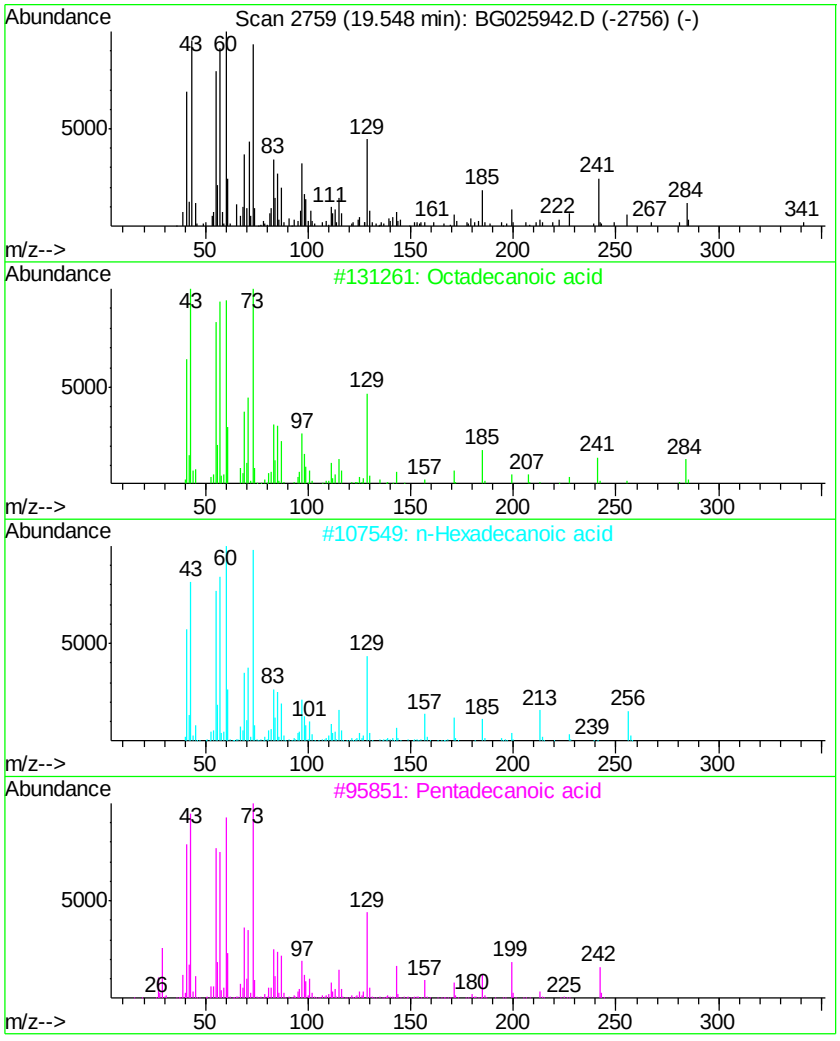
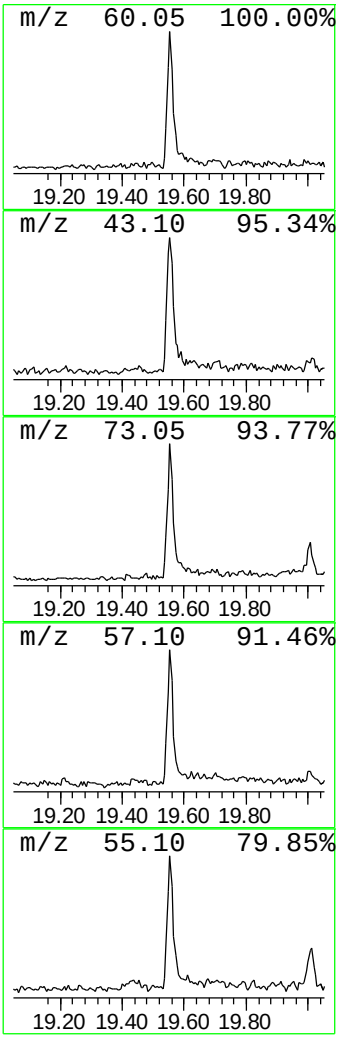
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	2.21 ng	229741	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Instrument : BNA_G
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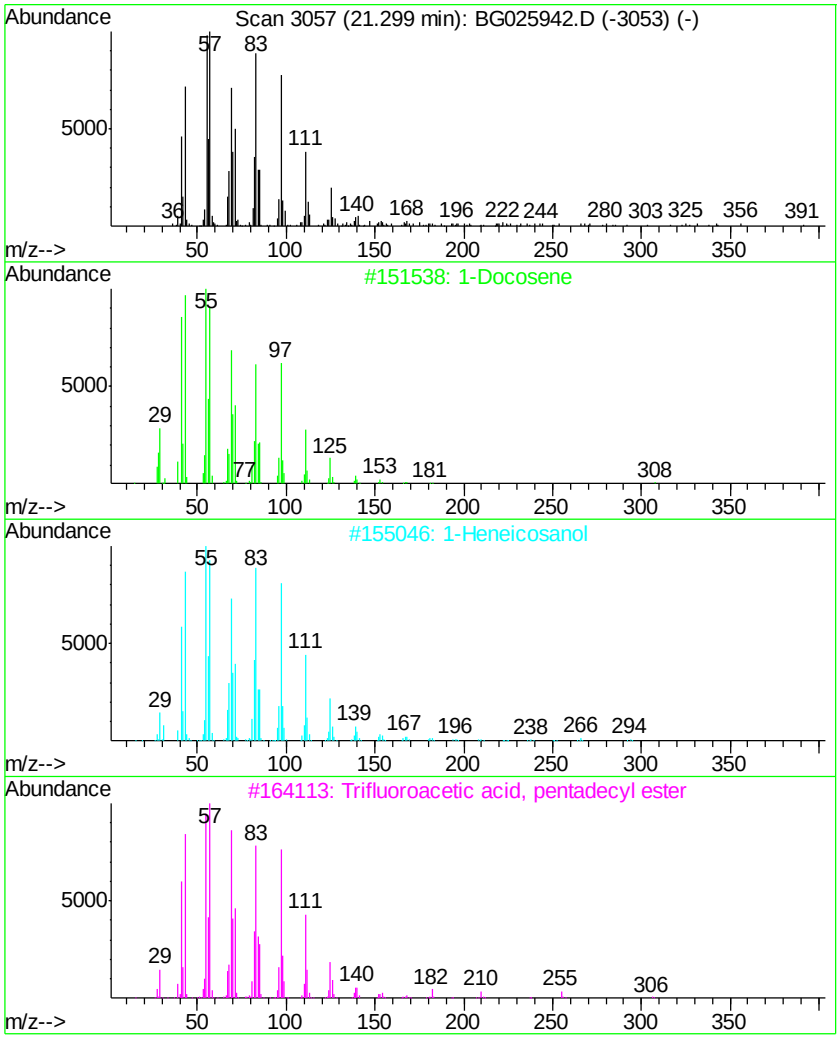
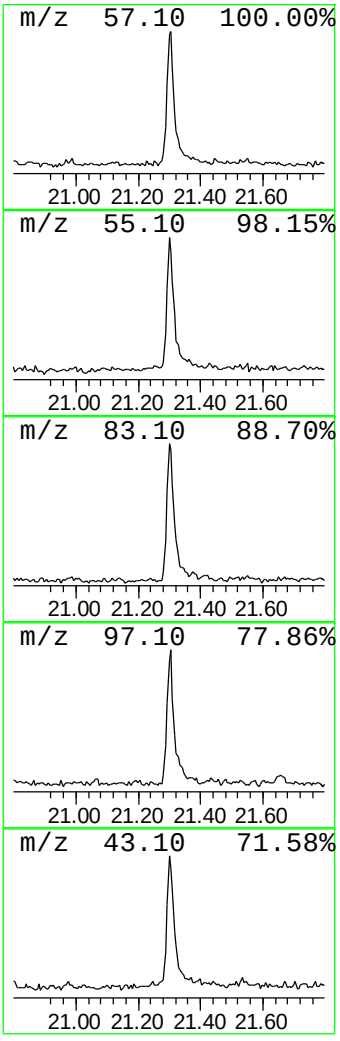
Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	3.04 ng	314995	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	94





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
2-Pentanone, 4-hy...	5.18	40.4	ng	951080	1	8.08	470829	20.0
unknown7.61	7.61	129.5	ng	3047890	1	8.08	470829	20.0
n-Hexadecanoic acid	18.29	4.7	ng	413143	4	17.41	1772240	20.0
Octadecanoic acid	19.55	2.2	ng	229741	5	21.66	2075510	20.0
1-Docosene	21.30	3.0	ng	314995	5	21.66	2075510	20.0