LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064304.D
Acq On : 8 Sep 2025 12:55
Operator : RC/JU
Sample : Q3023-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-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_G\Methods\8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064304.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	315	320	327	rBV	75010	109891	4.70%	1.035%
2	5.439	393	400	410	rBV	494931	761372	32.54%	7.168%
3	7.020	662	669	680	rBV	506715	839062	35.86%	7.900%
4	7.848	803	810	818	rBV	119128	195398	8.35%	1.840%
5	9.000	998	1006	1014	rBV	317220	554081	23.68%	5.217%
6	10.639	1277	1285	1291	rBV	143800	259419	11.09%	2.442%
7	13.095	1696	1703	1714	rBV	804688	1222636	52.26%	11.511%
8	14.476	1930	1938	1944	rBV	235038	369287	15.78%	3.477%
9	15.833	2162	2169	2175	rBV	104349	149802	6.40%	1.410%
10	15.962	2184	2191	2199	rBV	755507	1176282	50.27%	11.075%
11	17.214	2397	2404	2410	rBV2	333524	498585	21.31%	4.694%
12	18.119	2551	2558	2567	rBV	200237	304572	13.02%	2.868%
13	19.270	2748	2754	2758	rBV	37635	50588	2.16%	0.476%
14	19.388	2770	2774	2783	rBV5	45282	84454	3.61%	0.795%
15	19.629	2808	2815	2821	rBV	34840	54290	2.32%	0.511%
16	19.834	2839	2850	2858	rBV	1784307	2339724	100.00%	22.028%
17	21.121	3065	3069	3076	rBV2	81002	123052	5.26%	1.159%
18	21.356	3105	3109	3114	rVB3	19875	27151	1.16%	0.256%
19	21.444	3117	3124	3129	rBV2	427528	695051	29.71%	6.544%
20	23.612	3490	3493	3499	rVB8	15215	30204	1.29%	0.284%
21	24.165	3585	3587	3596	rVB5	17782	38693	1.65%	0.364%
22	24.306	3606	3611	3620	rVB3	22408	56340	2.41%	0.530%
23	24.453	3627	3636	3646	rBV	264422	681436	29.12%	6.416%

Sum of corrected areas: 10621370

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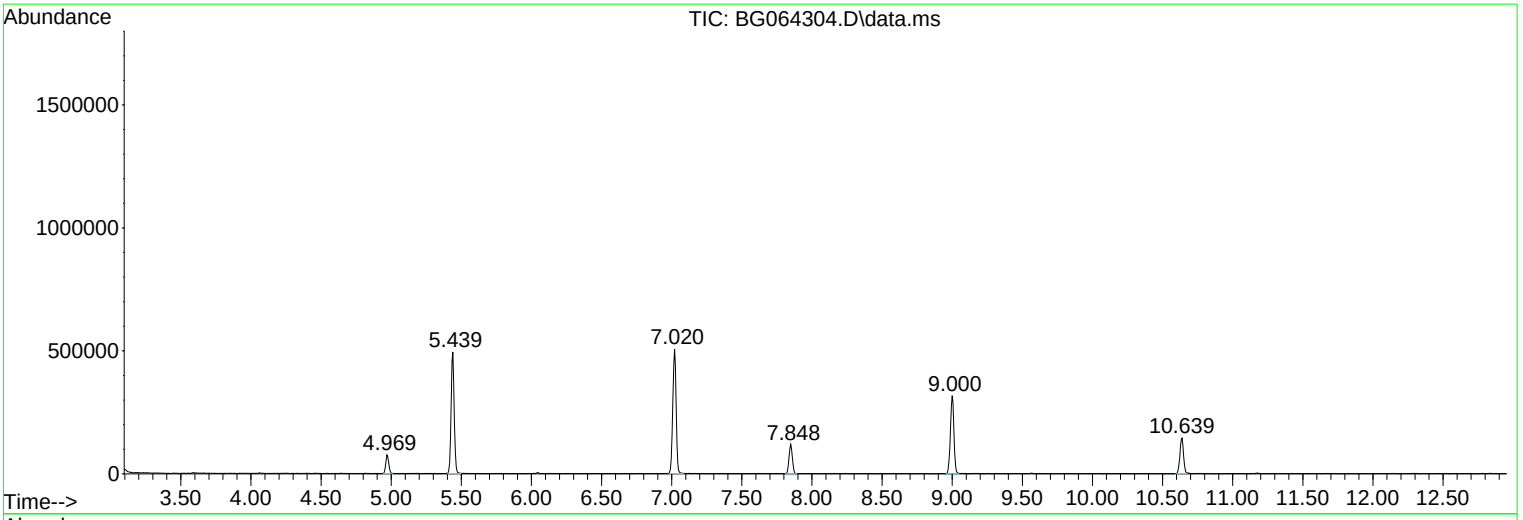
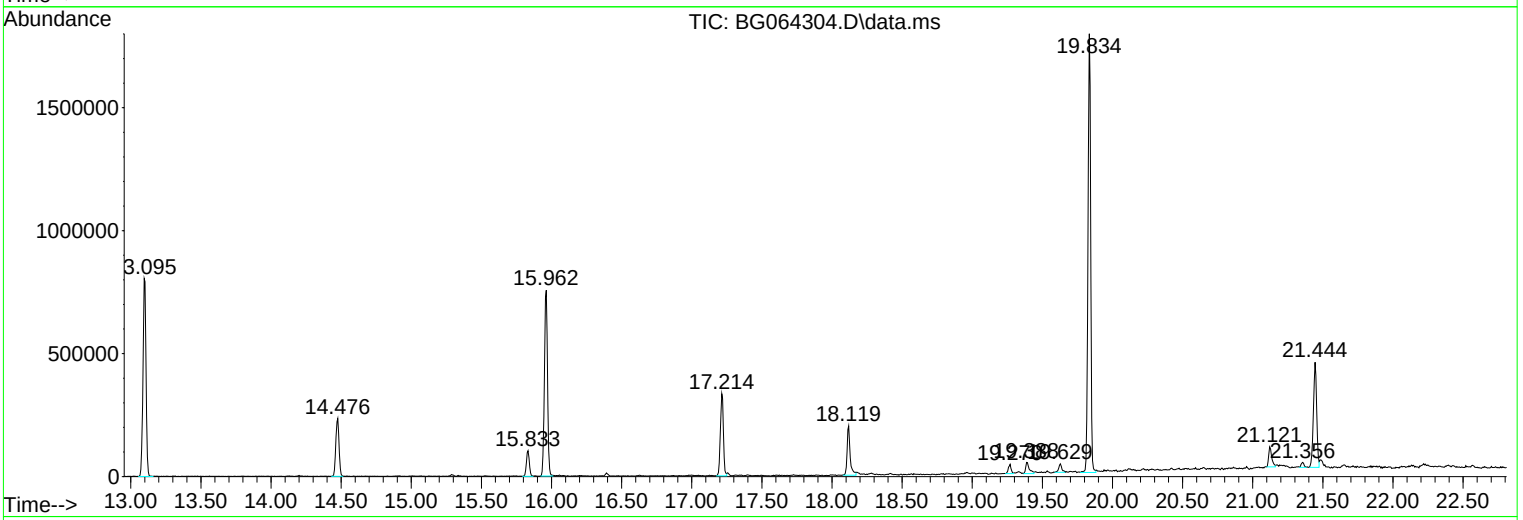
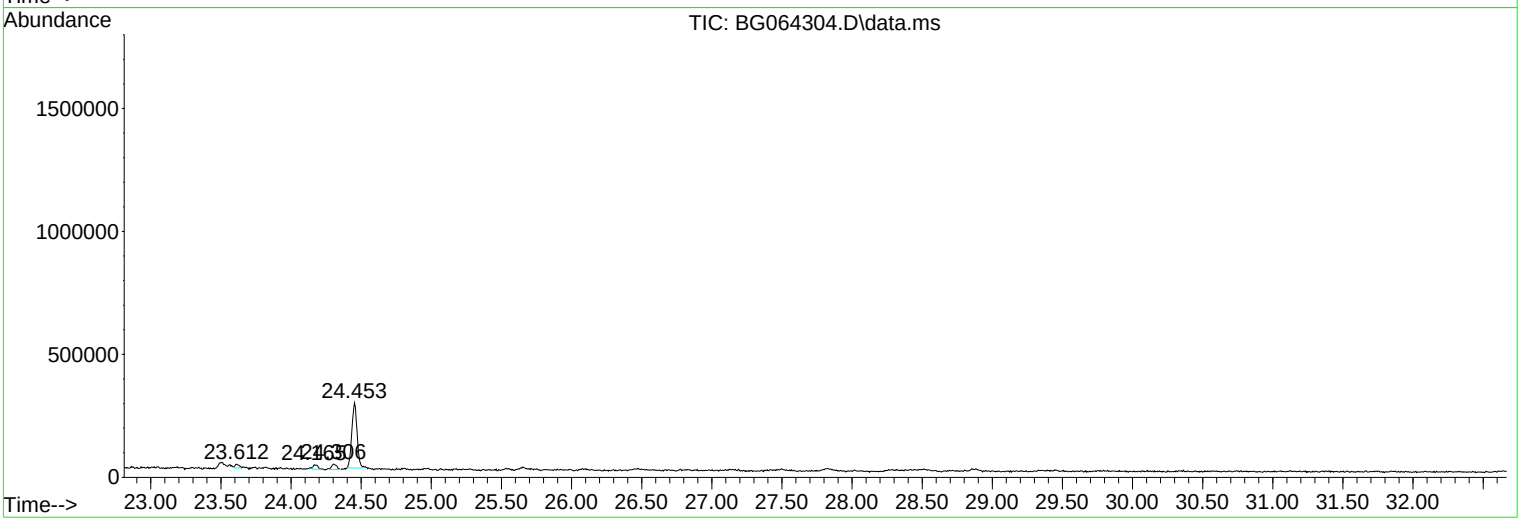
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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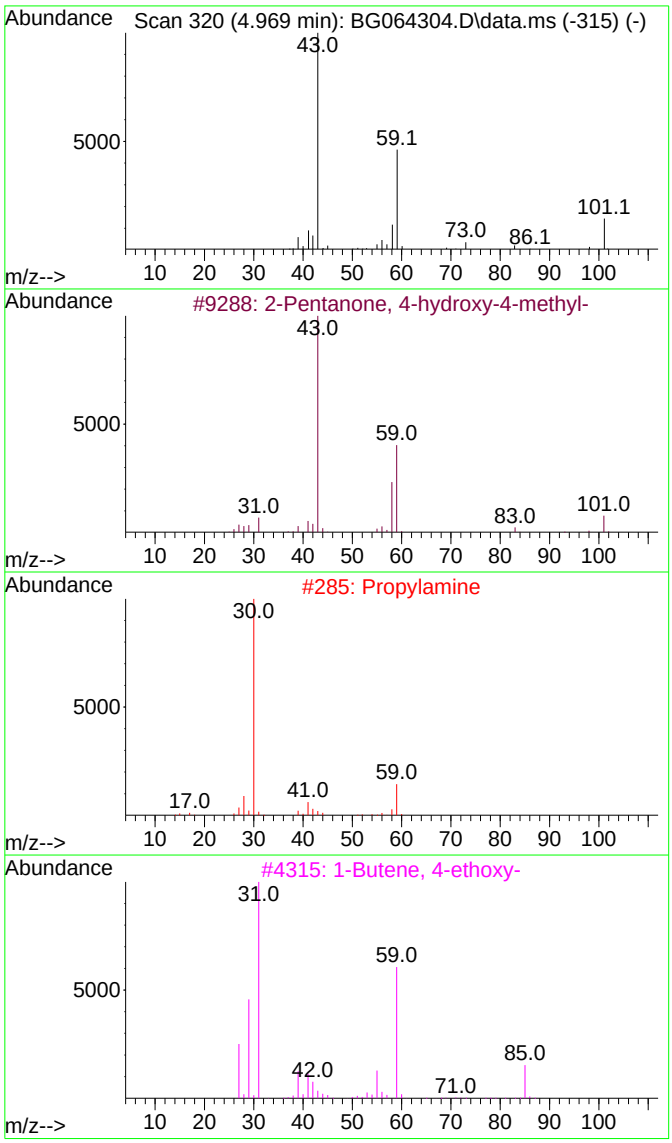
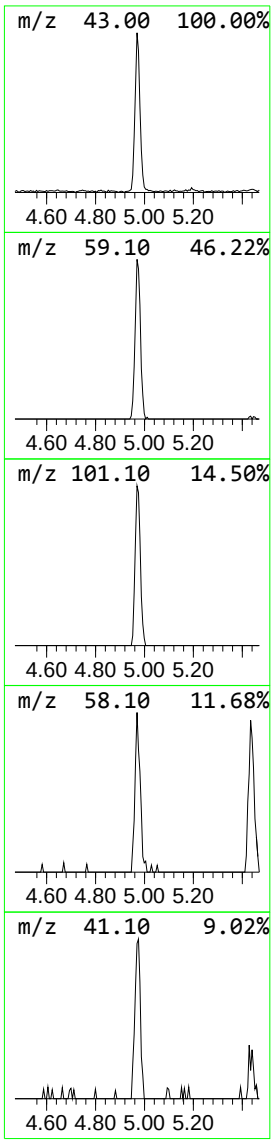
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	11.25 ng	109891	1,4-Dichlorobenzene-d4	7.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propylamine	59	C3H9N	000107-10-8	9
3	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	2-Pentanone	86	C5H10O	000107-87-9	9





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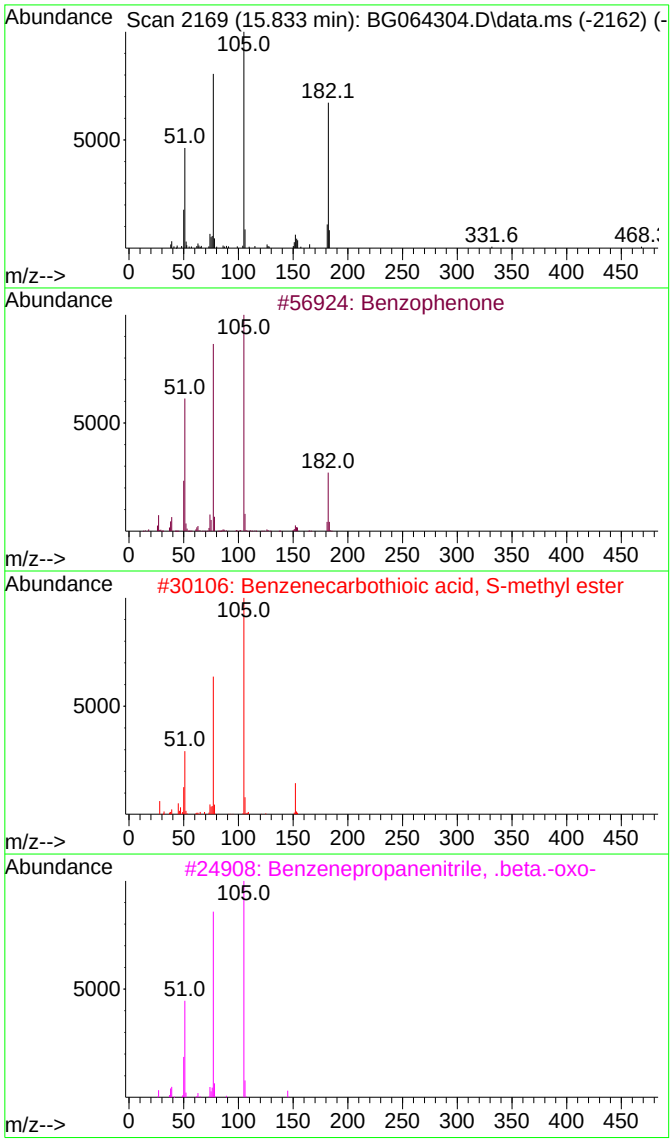
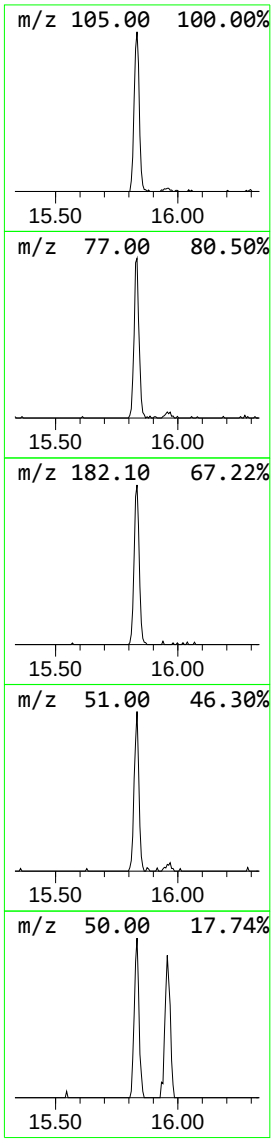
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	8.11 ng	149802	Acenaphthene-d10	14.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	52
4	N-Benzoylimidazole	172	C10H8N2O	010364-94-0	50
5	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	50





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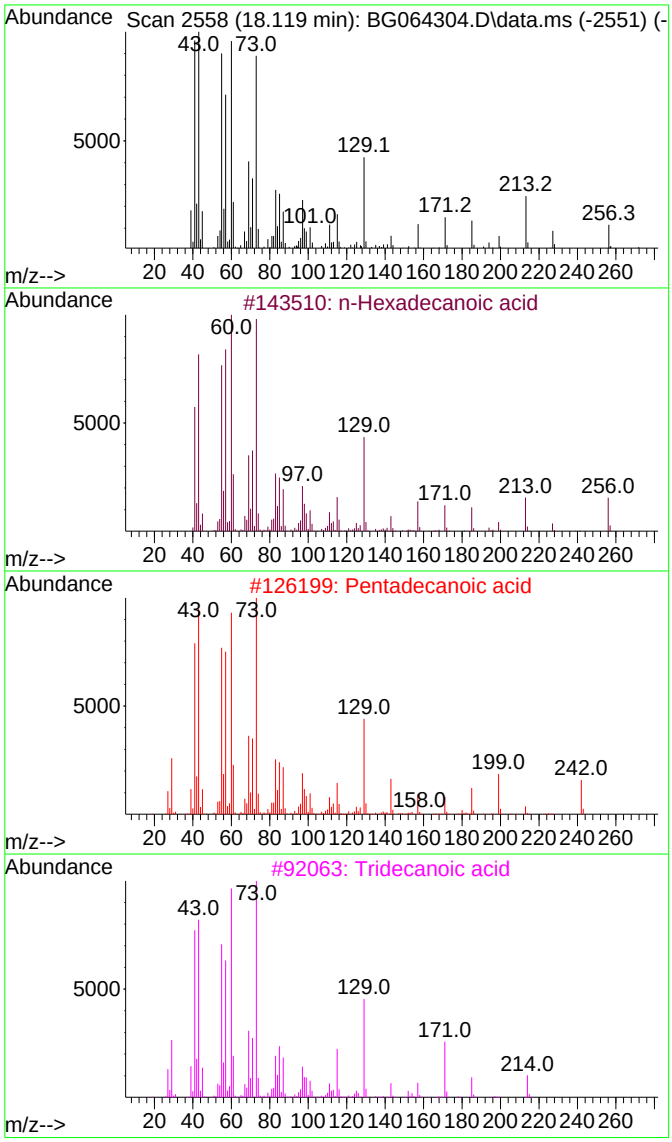
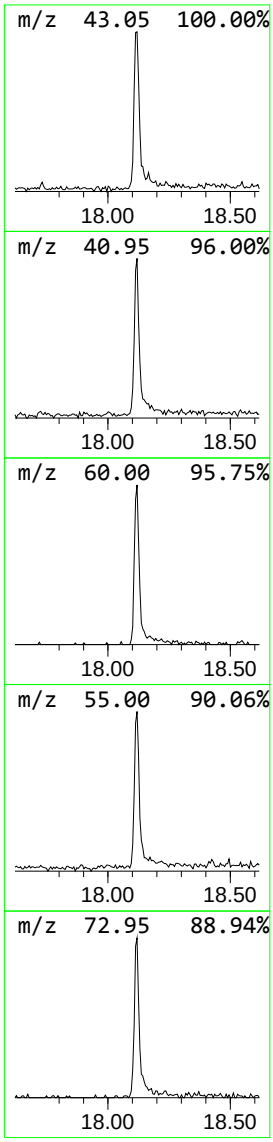
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.119	12.22 ng	304572	Phenanthrene-d10	17.214

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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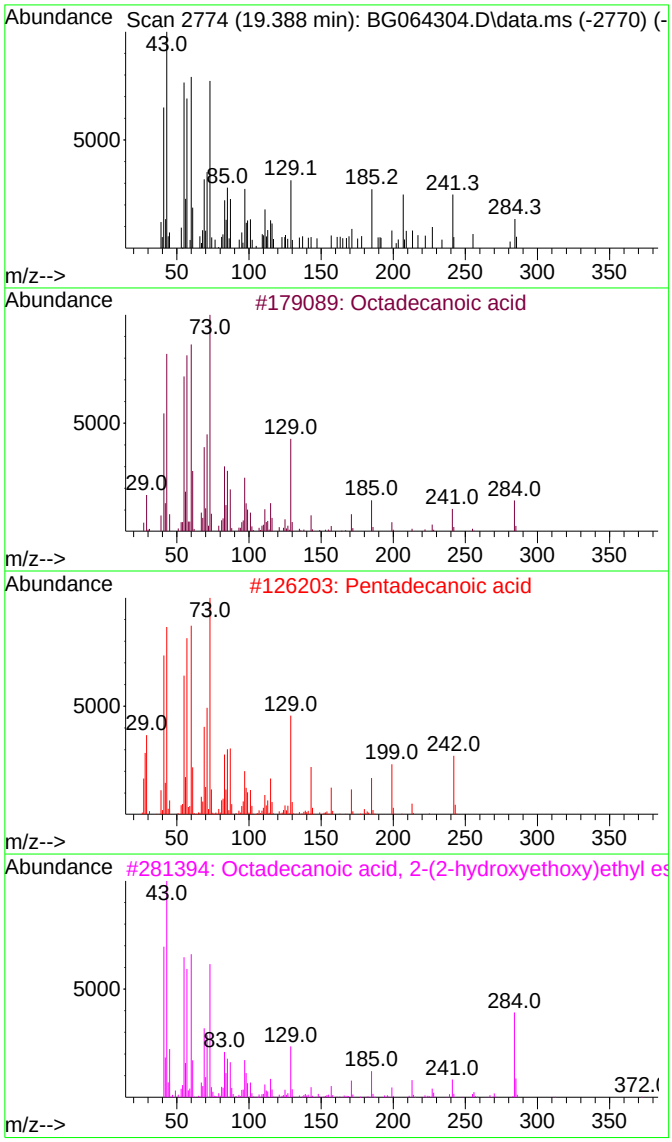
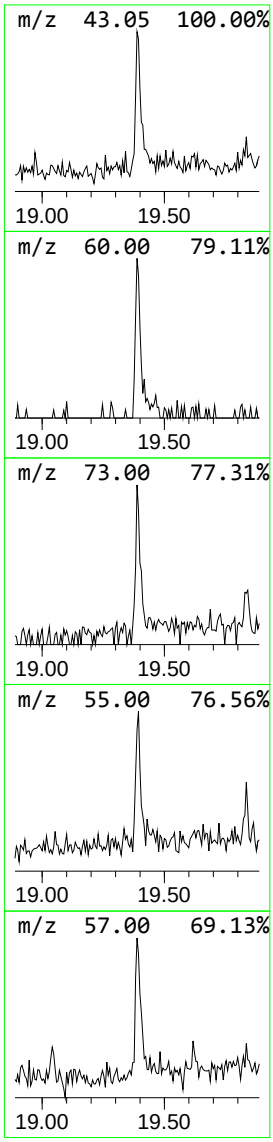
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.388	2.43 ng	84454	Chrysene-d12	21.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	49
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49





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Instrument :
BNA_G
ClientSampleId :
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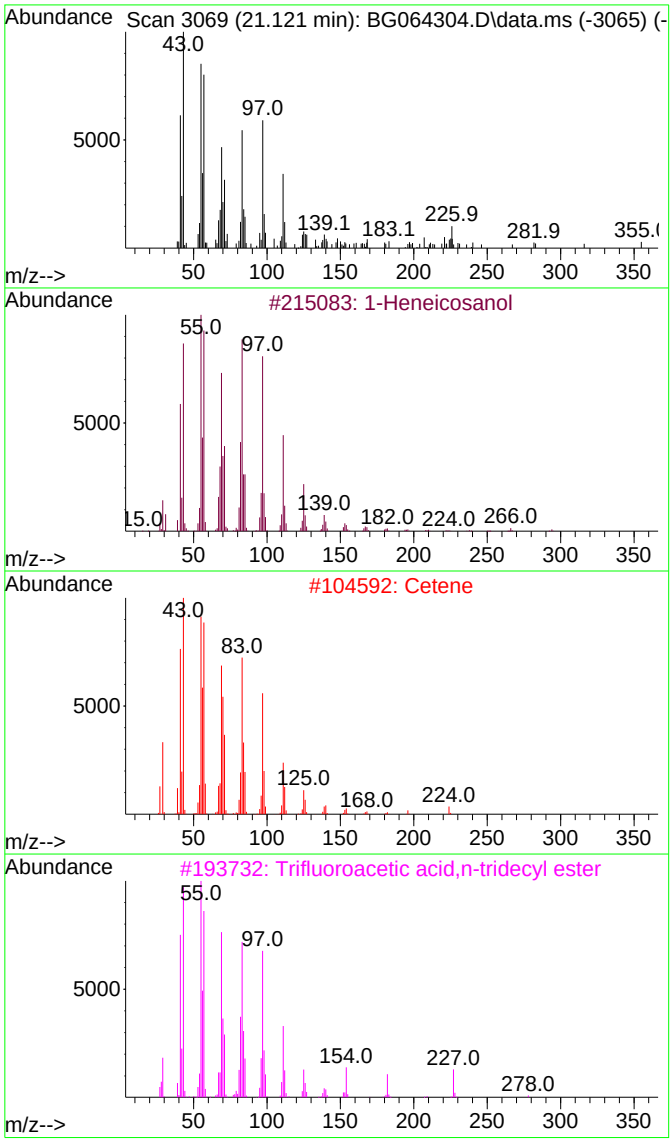
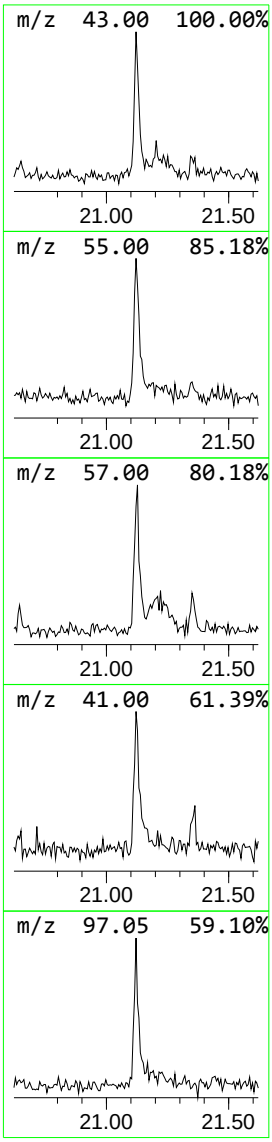
Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.121	3.54 ng	123052	Chrysene-d12	21.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	87
2	Cetene	224	C16H32	000629-73-2	83
3	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	83
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	83
5	Behenic alcohol	326	C22H46O	000661-19-8	80





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-...	4.969	11.3	ng	109891	1	7.848	195398	20.0
Benzophenone	15.833	8.1	ng	149802	3	14.476	369287	20.0
n-Hexadecanoic ...	18.119	12.2	ng	304572	4	17.214	498585	20.0
Octadecanoic acid	19.388	2.4	ng	84454	5	21.444	695051	20.0
1-Heneicosanol	21.121	3.5	ng	123052	5	21.444	695051	20.0