LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
Data File : BG064085.D
Acq On : 10 Mar 2025 17:46
Operator : RC/JU
Sample : Q1524-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11930-343-COMP

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-BG030525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064085.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.453	395	402	412	rBV	462270	719920	40.35%	6.170%
2	7.027	662	670	679	rBV	496084	829082	46.47%	7.106%
3	7.862	804	812	819	rBV	149998	245165	13.74%	2.101%
4	9.013	999	1008	1017	rBV	273751	469173	26.30%	4.021%
5	9.577	1099	1104	1109	rBV2	16013	26321	1.48%	0.226%
6	10.647	1279	1286	1295	rVB	183471	335137	18.78%	2.872%
7	13.108	1699	1705	1712	rBV	686828	1048976	58.80%	8.991%
8	14.483	1929	1939	1946	rBV	296549	470809	26.39%	4.035%
9	15.840	2165	2170	2179	rVB2	69349	98504	5.52%	0.844%
10	15.970	2186	2192	2202	rBV	591308	852787	47.80%	7.309%
11	17.227	2399	2406	2410	rBV2	395878	592880	33.23%	5.082%
12	17.268	2410	2413	2418	rVB	75866	101352	5.68%	0.869%
13	17.356	2424	2428	2433	rVB2	14583	22400	1.26%	0.192%
14	17.621	2466	2473	2480	rBV5	11035	20540	1.15%	0.176%
15	18.132	2555	2560	2569	rVB2	97304	153035	8.58%	1.312%
16	18.296	2582	2588	2593	rBV3	17239	28369	1.59%	0.243%
17	18.990	2700	2706	2708	rBV3	13258	19118	1.07%	0.164%
18	19.278	2749	2755	2762	rBV	210012	293155	16.43%	2.513%
19	19.407	2772	2777	2781	rBV4	22844	34730	1.95%	0.298%
20	19.636	2807	2816	2824	rBV	182026	308578	17.30%	2.645%
21	19.848	2842	2852	2863	rBV	1342465	1784072	100.00%	15.291%
22	20.130	2897	2900	2905	rVB4	36172	45645	2.56%	0.391%
23	20.229	2914	2917	2922	rBV2	21131	24538	1.38%	0.210%
24	20.288	2922	2927	2930	rBV4	16413	24462	1.37%	0.210%
25	20.488	2955	2961	2965	rBV5	14584	31805	1.78%	0.273%
26	20.876	3023	3027	3034	rVB3	19773	40128	2.25%	0.344%
27	21.058	3051	3058	3061	rBV2	21443	41558	2.33%	0.356%
28	21.099	3061	3065	3068	rVV4	16218	19033	1.07%	0.163%
29	21.140	3068	3072	3078	rBV4	79964	122610	6.87%	1.051%
30	21.375	3108	3112	3117	rBV	48541	65616	3.68%	0.562%
31	21.457	3117	3126	3130	rVV2	454843	913156	51.18%	7.827%
32	21.499	3130	3133	3142	rVB	121048	197563	11.07%	1.693%
33	21.833	3187	3190	3195	rBV4	11613	19622	1.10%	0.168%
34	22.151	3237	3244	3248	rVV3	20730	44397	2.49%	0.381%
35	22.215	3251	3255	3259	rBV7	15942	23895	1.34%	0.205%
36	22.333	3272	3275	3281	rVB8	12048	21157	1.19%	0.181%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	22.409	3281	3288	3291	rBV8	11528	24915	1.40%	0.214%
38	22.591	3315	3319	3324	rVB3	43148	65933	3.70%	0.565%
39	23.079	3399	3402	3409	rVB7	13025	19679	1.10%	0.169%
40	23.520	3467	3477	3484	rBV2	88508	305448	17.12%	2.618%
41	23.755	3513	3517	3521	rBV4	12482	21419	1.20%	0.184%
42	24.184	3582	3590	3605	rVB2	53438	153643	8.61%	1.317%
43	24.325	3605	3614	3624	rBV2	61592	165748	9.29%	1.421%
44	24.466	3630	3638	3648	rBV	261986	708943	39.74%	6.076%
45	25.594	3826	3830	3840	rBV7	11954	28073	1.57%	0.241%
46	27.838	4207	4212	4213	rBV4	15059	21852	1.22%	0.187%
47	28.902	4387	4393	4403	rVB3	20039	62317	3.49%	0.534%

Sum of corrected areas: 11667258

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Instrument :
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ClientSampleId :
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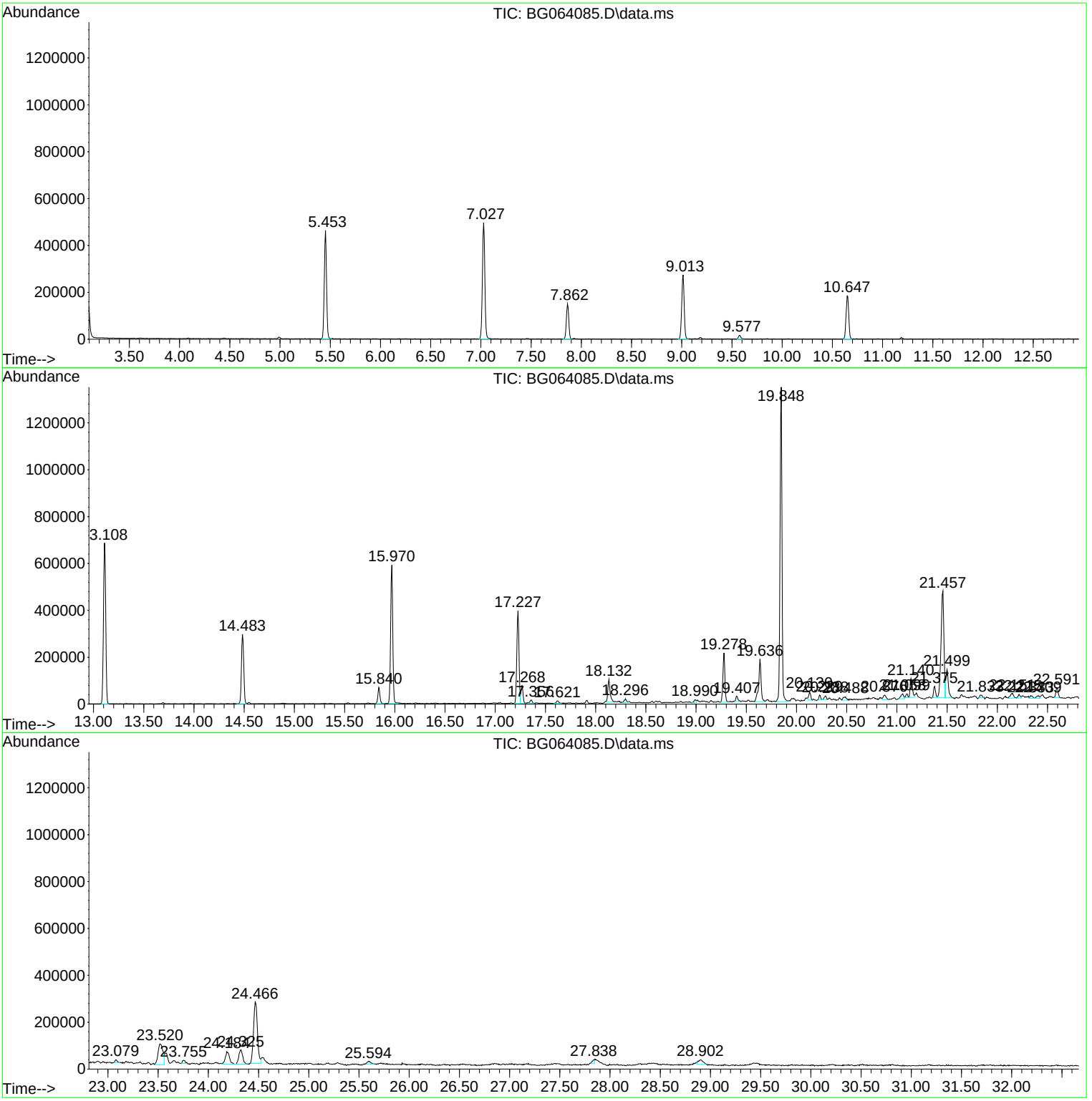
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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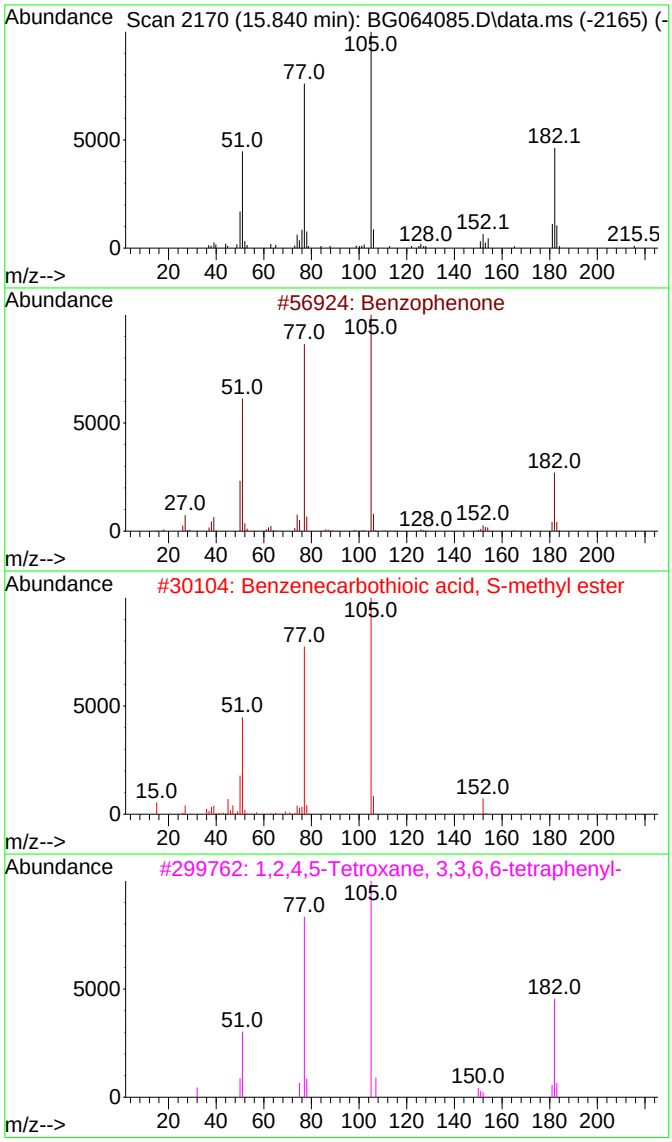
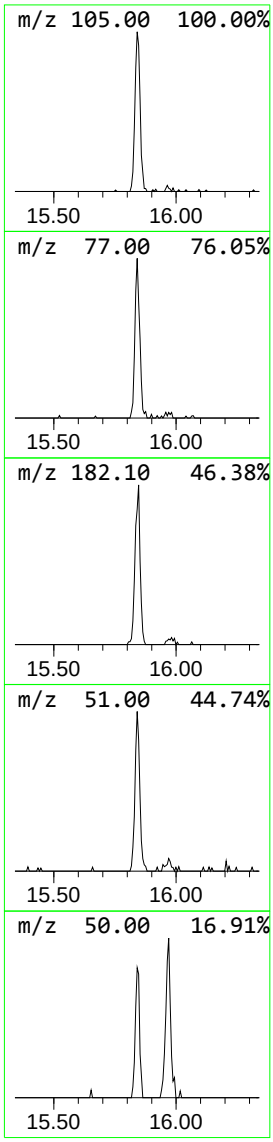
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.841	4.18 ng	98504	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	70
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	58





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
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TIC Library : C:\Database\NIST20.L
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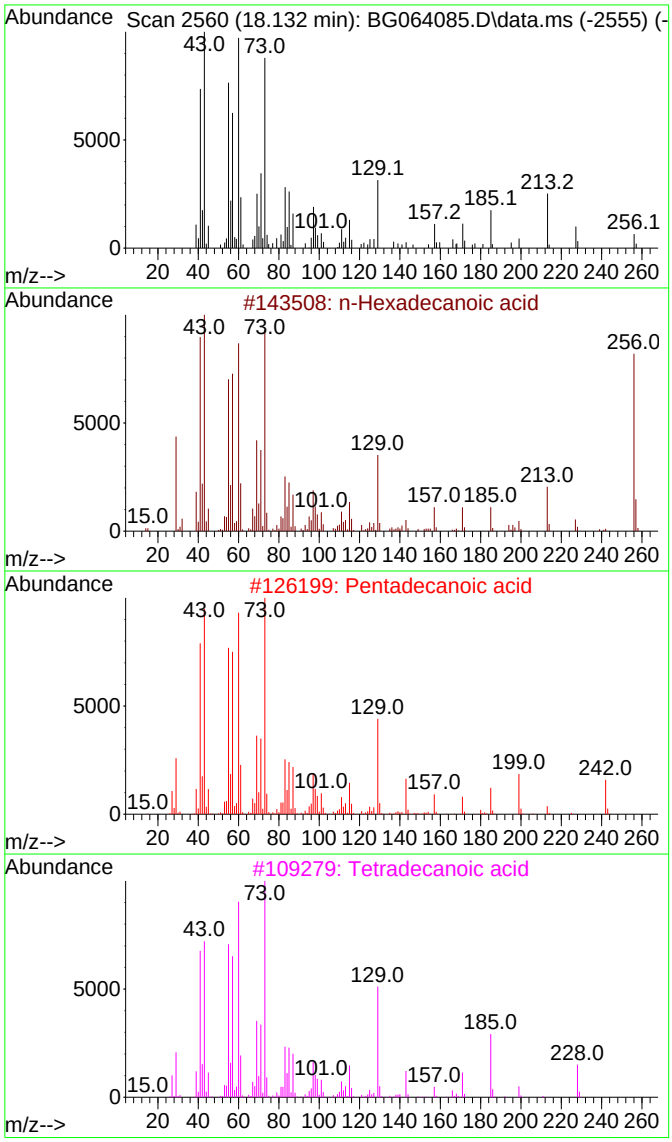
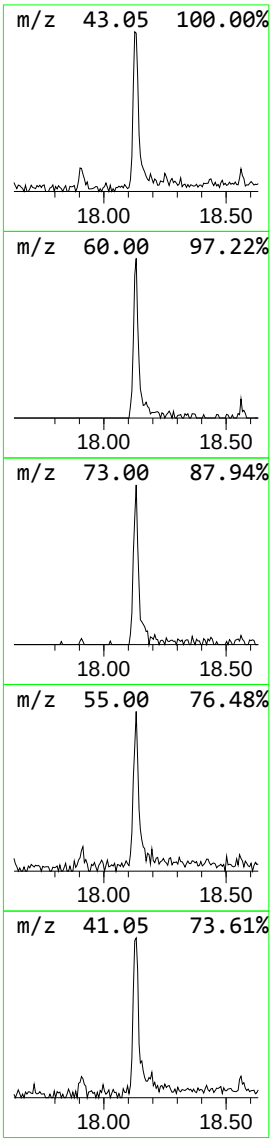
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.132	5.16 ng	153035	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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Instrument :
BNA_G
ClientSampleId :
72-11930-343-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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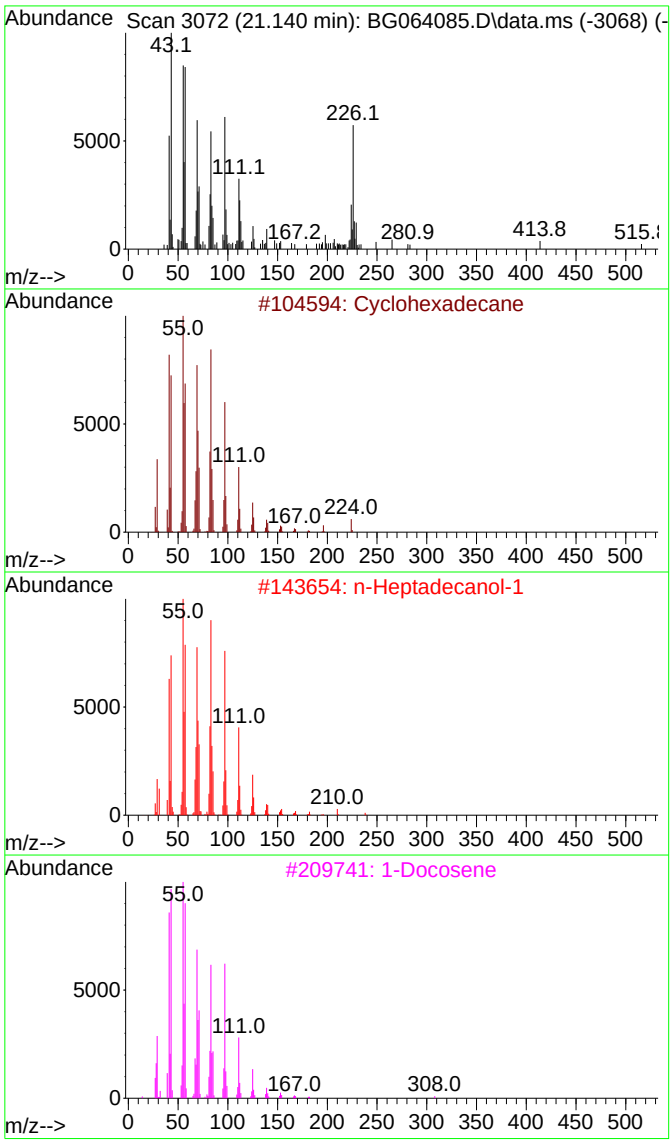
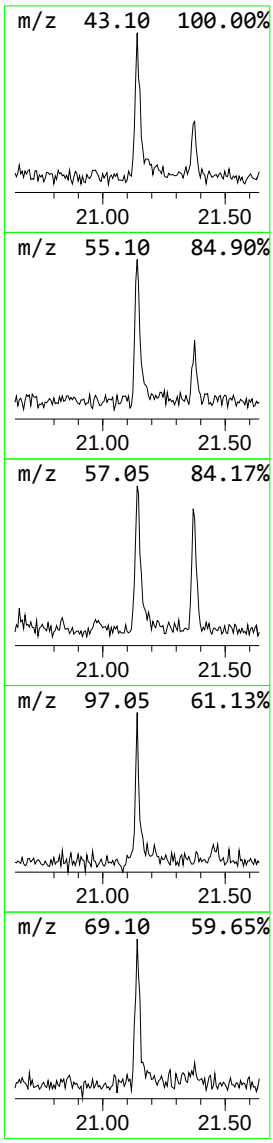
Peak Number 3 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.140	2.69 ng	122610	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	83
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	64
3	1-Docosene	308	C22H44	001599-67-3	60
4	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	58
5	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	55





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.841	4.2	ng	98504	3	14.483	470809	20.0
n-Hexadecanoic ...	18.132	5.2	ng	153035	4	17.227	592880	20.0
Cyclohexadecane	21.140	2.7	ng	122610	5	21.457	913156	20.0