LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
Data File : BG062682.D
Acq On : 6 Sep 2024 15:42
Operator : MA/JU
Sample : P3857-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-C2-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-BG083024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG062682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.023	290	295	300	rBV	65704	97352	2.07%	0.431%
2	5.487	367	374	385	rBV	887194	1413904	30.12%	6.254%
3	7.074	636	644	656	rBV	969746	1617076	34.45%	7.152%
4	7.908	778	786	794	rBV	268571	456109	9.72%	2.017%
5	9.059	974	982	993	rBV	547072	968726	20.64%	4.285%
6	10.699	1254	1261	1268	rBV	359079	630257	13.43%	2.788%
7	13.155	1672	1679	1687	rBV	1534524	2424849	51.66%	10.725%
8	14.535	1907	1914	1921	rBV	616522	947007	20.17%	4.189%
9	15.893	2138	2145	2151	rBV	150837	226296	4.82%	1.001%
10	16.022	2160	2167	2178	rBV	1560846	2336332	49.77%	10.334%
11	17.279	2374	2381	2385	rBV	926789	1334277	28.42%	5.902%
12	17.320	2385	2388	2394	rVB	154508	222644	4.74%	0.985%
13	17.403	2394	2402	2408	rBV	38044	76625	1.63%	0.339%
14	18.172	2525	2533	2543	rBV2	166257	328569	7.00%	1.453%
15	19.336	2725	2731	2738	rVB	211719	304664	6.49%	1.348%
16	19.694	2782	2792	2800	rBV	168943	325595	6.94%	1.440%
17	19.900	2820	2827	2837	rBV	3598458	4694145	100.00%	20.763%
18	21.122	3029	3035	3038	rBV6	28703	66645	1.42%	0.295%
19	21.192	3043	3047	3056	rVV5	104558	235194	5.01%	1.040%
20	21.257	3056	3058	3065	rVB6	28714	48225	1.03%	0.213%
21	21.521	3095	3103	3109	rBV	1026017	1821325	38.80%	8.056%
22	23.619	3454	3460	3467	rBV2	47533	138626	2.95%	0.613%
23	24.441	3596	3600	3607	rVB	30406	63910	1.36%	0.283%
24	24.588	3615	3625	3636	rBV	650052	1830242	38.99%	8.095%

Sum of corrected areas: 22608594

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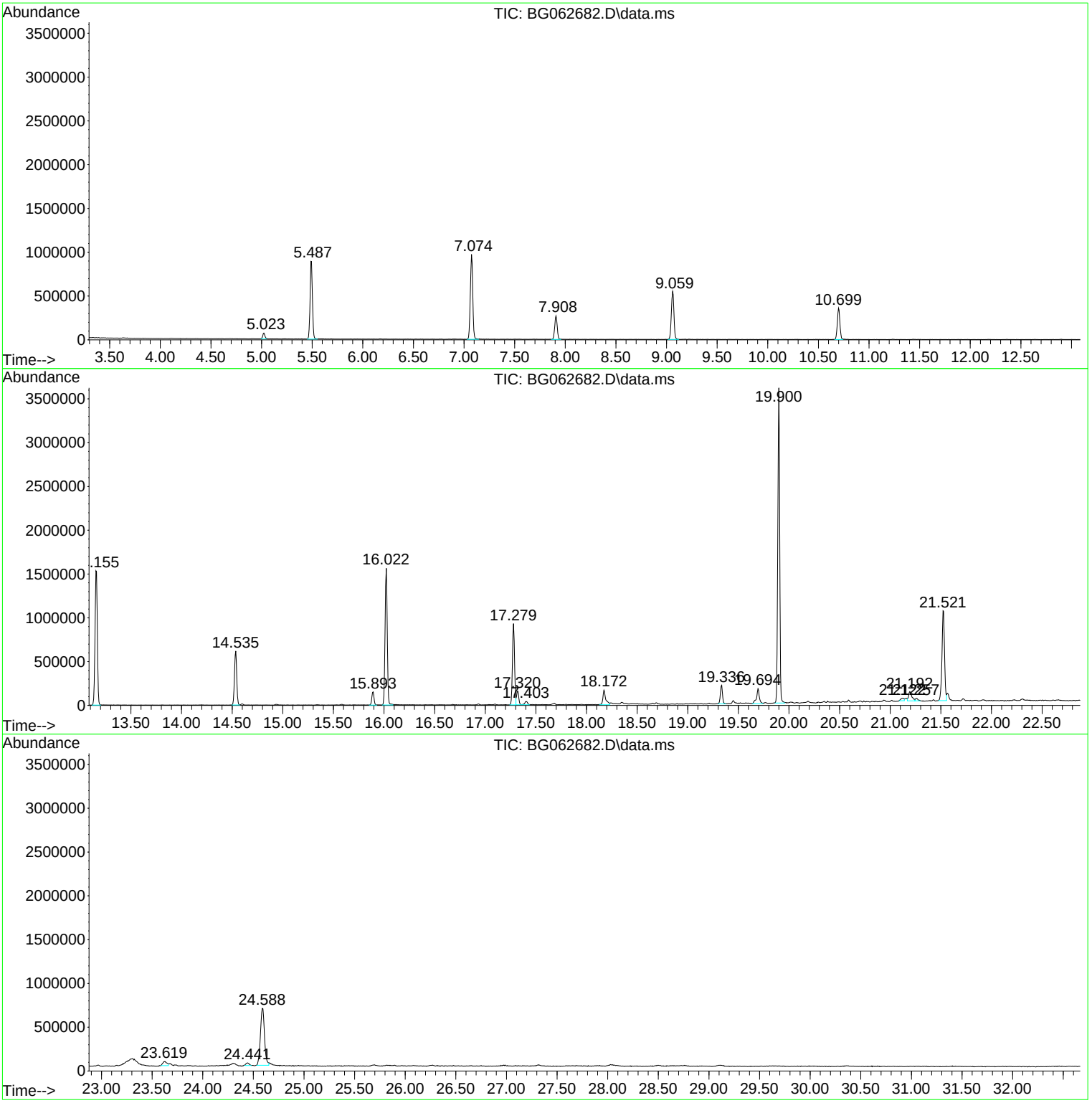
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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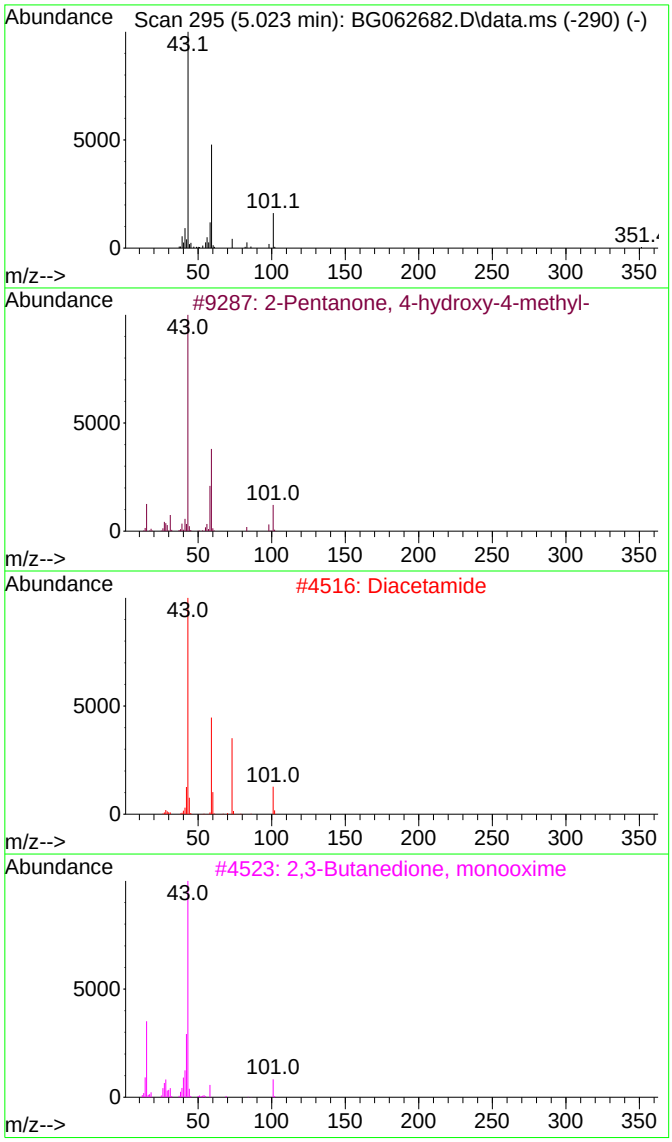
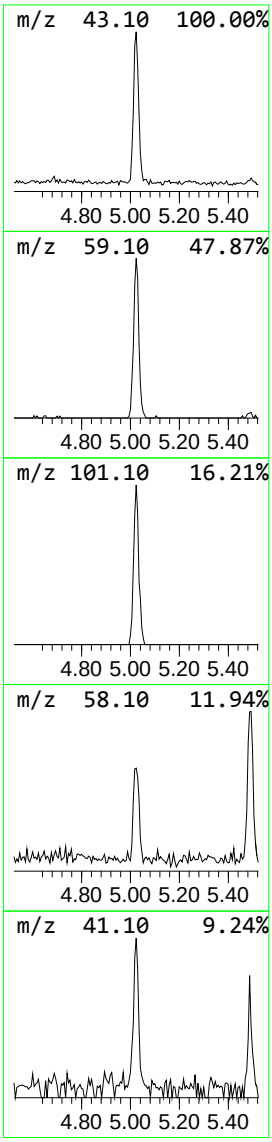
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.023	4.27 ng	97352	1,4-Dichlorobenzene-d4	7.908

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Diacetamide	101	C4H7NO2	000625-77-4	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	1-Ethoxypropan-2-yl acetate	146	C7H14O3	1000378-33-2	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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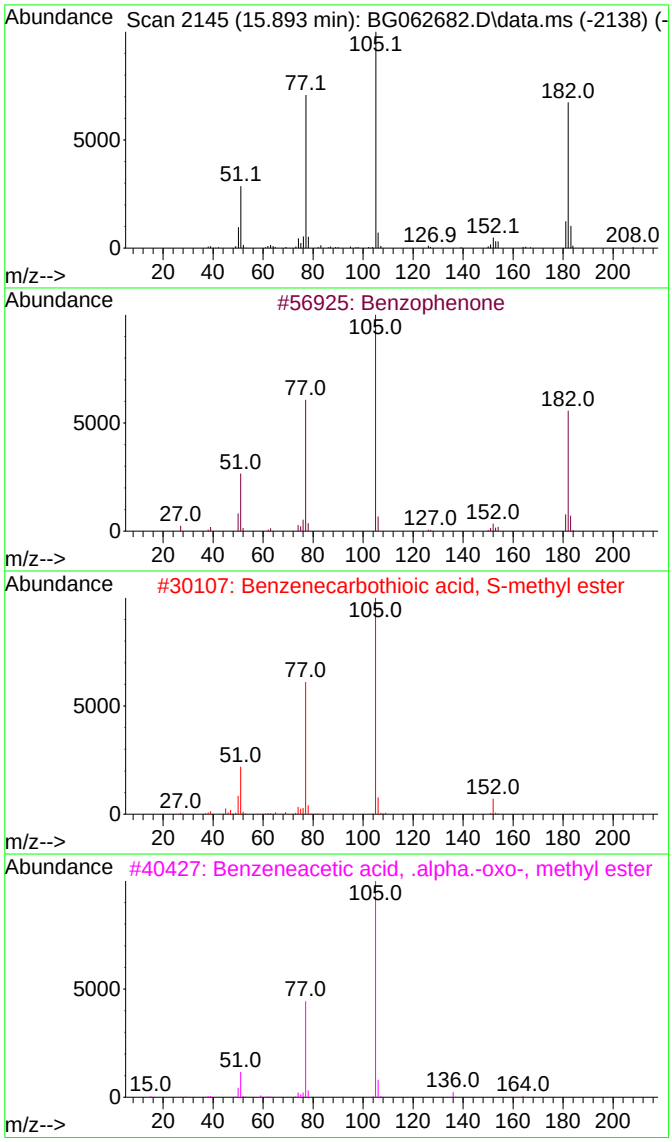
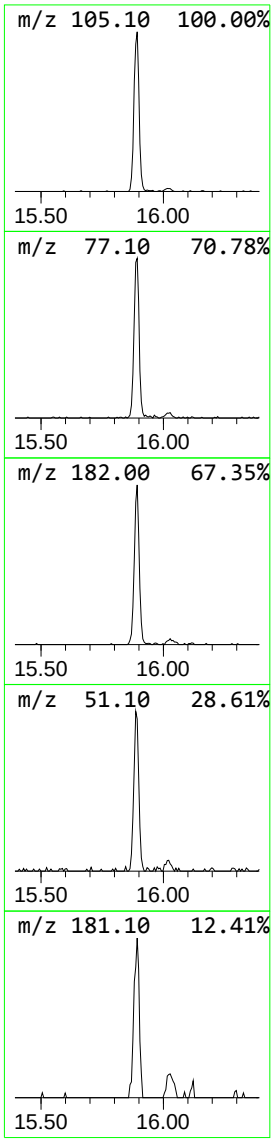
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.893	4.78 ng	226296	Acenaphthene-d10	14.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	60
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
4	Benzene, (2-bromoethenyl)-	182	C8H7Br	000103-64-0	49
5	Azobenzene	182	C12H10N2	000103-33-3	47





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ClientSampleId :
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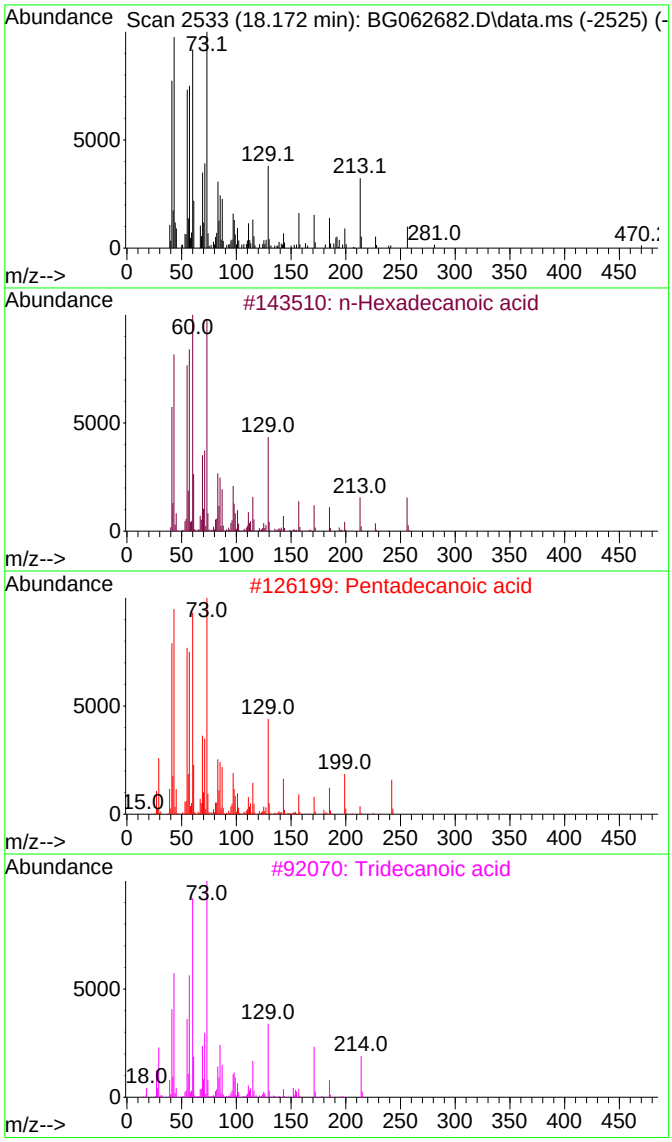
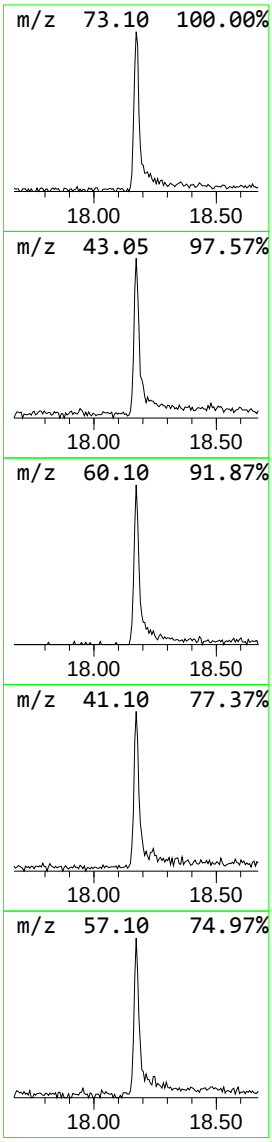
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.172	4.93 ng	328569	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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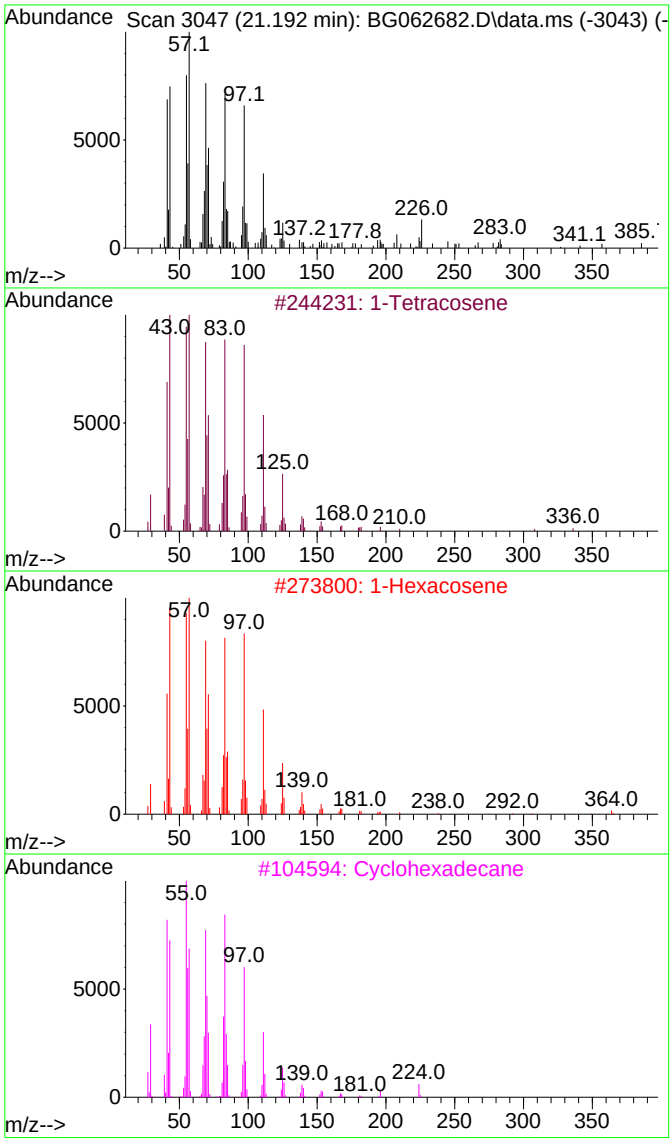
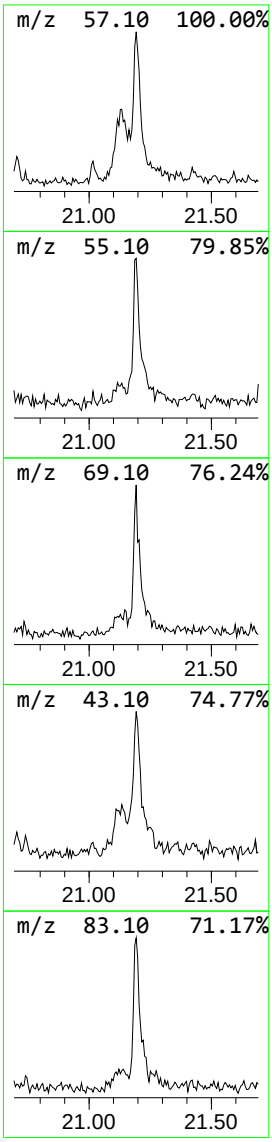
Peak Number 4 1-Tetracosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	2.58 ng	235194	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	91
2	1-Hexacosene	364	C26H52	018835-33-1	90
3	Cyclohexadecane	224	C16H32	000295-65-8	90
4	Cyclotetradecane	196	C14H28	000295-17-0	89
5	1-Tetradecene	196	C14H28	001120-36-1	83





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.023	4.3	ng	97352	1	7.908	456109	20.0
Benzophenone	15.893	4.8	ng	226296	3	14.535	947007	20.0
n-Hexadecanoic ...	18.172	4.9	ng	328569	4	17.279	1334280	20.0
1-Tetracosene	21.192	2.6	ng	235194	5	21.521	1821330	20.0