LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
Data File : BM050171.D
Acq On : 09 May 2025 22:39
Operator : RC/JU
Sample : Q1983-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-04

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_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050171.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.863	313	319	331	rBV	297717	469850	5.22%	0.745%
2	5.334	393	399	419	rBV	2920080	4809299	53.46%	7.626%
3	6.928	664	670	703	rBV	2548999	5271235	58.59%	8.359%
4	7.739	801	808	819	rBV	1204312	2020348	22.46%	3.204%
5	8.904	998	1006	1037	rBV	1440564	3170076	35.24%	5.027%
6	10.533	1276	1283	1305	rBV	1190570	2658025	29.55%	4.215%
7	13.004	1695	1703	1724	rBV	4841369	8110568	90.16%	12.861%
8	14.121	1887	1893	1902	rBV2	53184	107650	1.20%	0.171%
9	14.392	1932	1939	1946	rBV	2045196	3411152	37.92%	5.409%
10	14.457	1946	1950	1958	rVB	120534	225975	2.51%	0.358%
11	15.451	2114	2119	2130	rVB3	70783	135873	1.51%	0.215%
12	15.757	2165	2171	2185	rVB	379810	678647	7.54%	1.076%
13	15.892	2185	2194	2214	rBV	3266956	5646157	62.76%	8.953%
14	17.139	2399	2406	2411	rBV2	2201591	3460174	38.46%	5.487%
15	17.186	2411	2414	2423	rVV	675808	1048435	11.65%	1.663%
16	17.286	2425	2431	2440	rVB	123079	234626	2.61%	0.372%
17	17.568	2471	2479	2487	rBV2	35743	98303	1.09%	0.156%
18	18.033	2551	2558	2562	rBV2	485195	848945	9.44%	1.346%
19	18.068	2562	2564	2575	rVB	198279	342791	3.81%	0.544%
20	18.215	2584	2589	2593	rBV2	169172	310803	3.45%	0.493%
21	18.251	2593	2595	2603	rVB	104675	154238	1.71%	0.245%
22	18.939	2708	2712	2717	rBV	121004	191859	2.13%	0.304%
23	19.098	2732	2739	2749	rVB5	53273	135986	1.51%	0.216%
24	19.203	2751	2757	2765	rBV	815709	1127559	12.53%	1.788%
25	19.315	2771	2776	2780	rBV2	133357	223819	2.49%	0.355%
26	19.568	2810	2819	2827	rBV	720169	1250802	13.90%	1.983%
27	19.645	2828	2832	2837	rVB2	64660	103512	1.15%	0.164%
28	19.762	2847	2852	2863	rBV	7962641	8996069	100.00%	14.265%
29	19.909	2871	2877	2883	rVB4	63150	147386	1.64%	0.234%
30	20.068	2901	2904	2908	rVB	138591	184631	2.05%	0.293%
31	20.227	2927	2931	2935	rBV2	85933	120075	1.33%	0.190%
32	20.362	2951	2954	2958	rBV	81870	106548	1.18%	0.169%
33	21.050	3069	3071	3083	rVB6	128618	282005	3.13%	0.447%
34	21.380	3120	3127	3133	rBV2	2109464	3648686	40.56%	5.786%
35	21.427	3133	3135	3141	rVB	309900	388399	4.32%	0.616%
36	24.374	3628	3636	3653	rVB	1124967	2942631	32.71%	4.666%

LSC Area Percent Report

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Sample : Q1983-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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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_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 63063137

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
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Operator : RC/JU
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Instrument :
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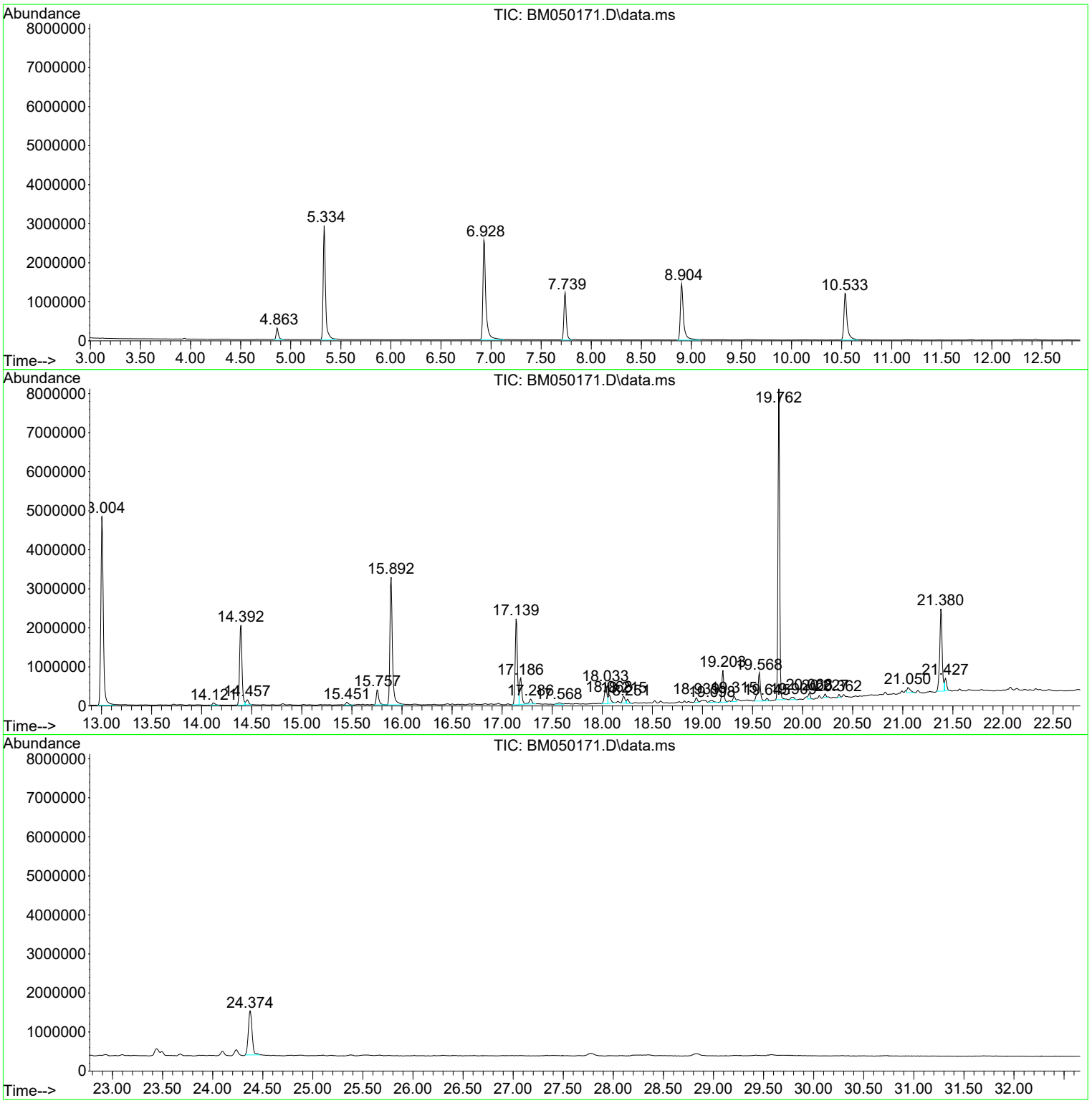
ClientSampleId :
OR-636-COMP-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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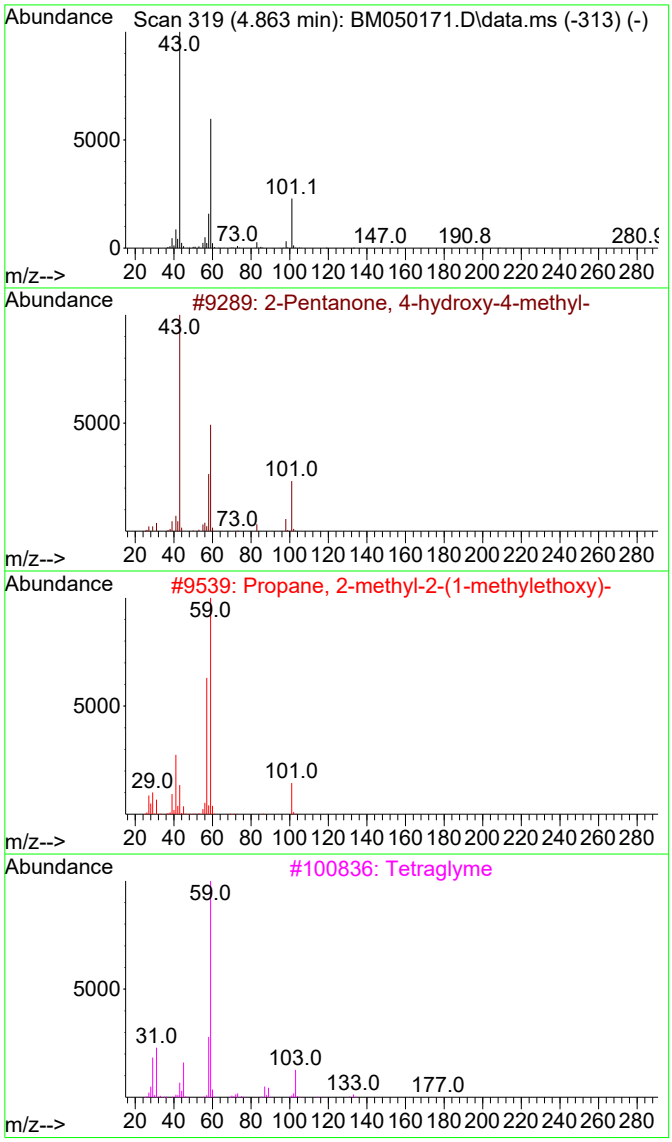
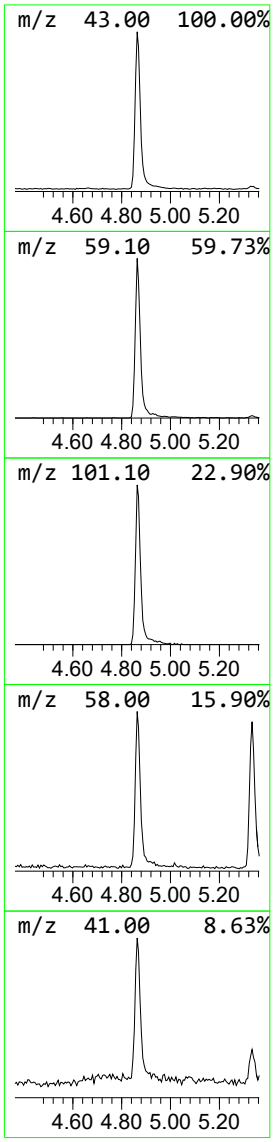
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.863	4.65 ng	469850	1,4-Dichlorobenzene-d4	7.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	Tetraglyme	222	C10H22O5	000143-24-8	25
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23





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Misc :
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Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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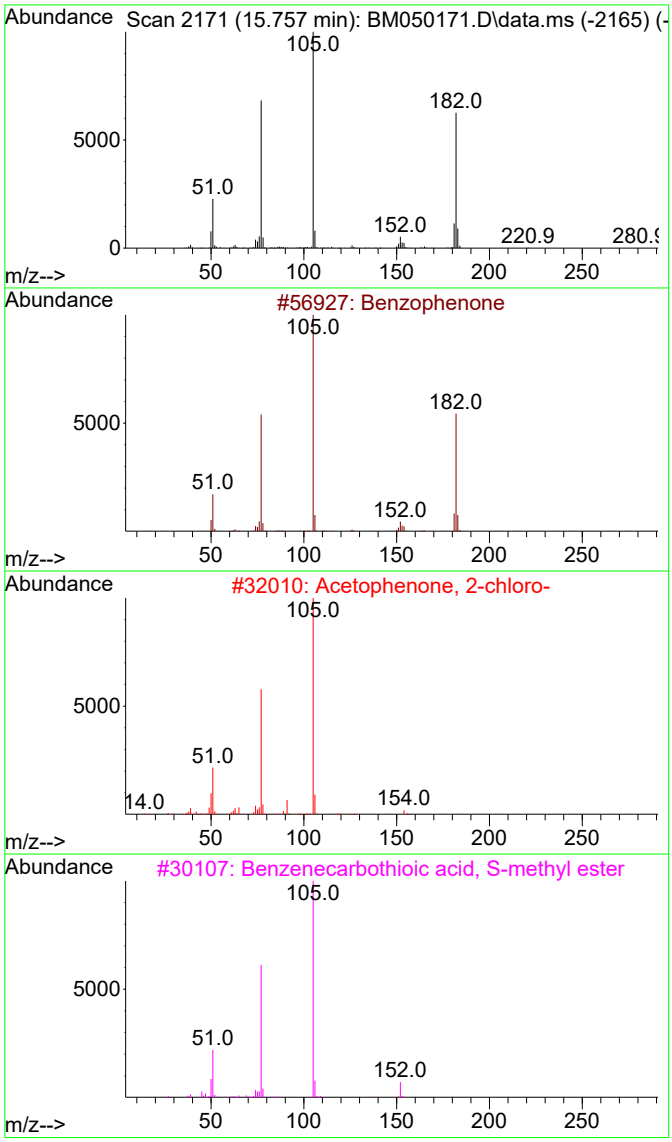
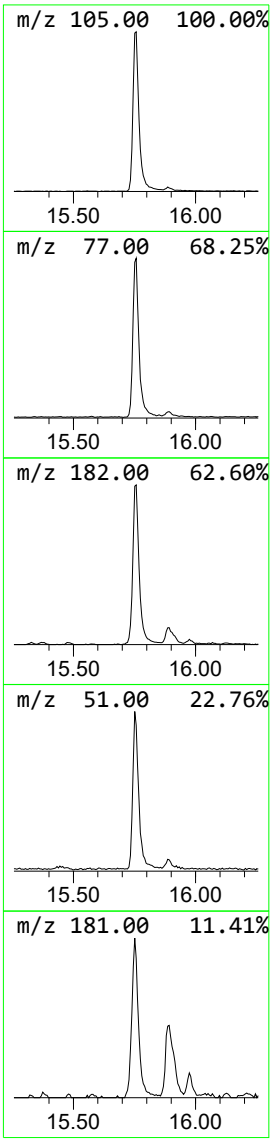
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	3.98 ng	678647	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	2,6-Piperazinedione, 4-benzoyl-,...	233	C11H11N3O3	035975-25-8	43
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	43





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Sample : Q1983-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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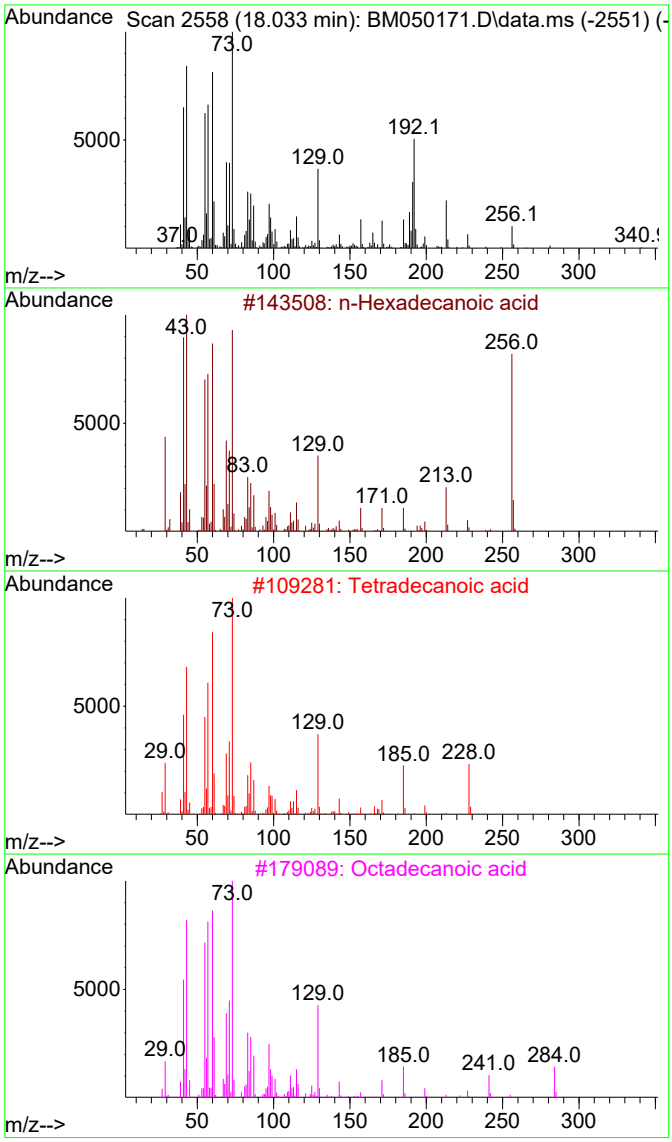
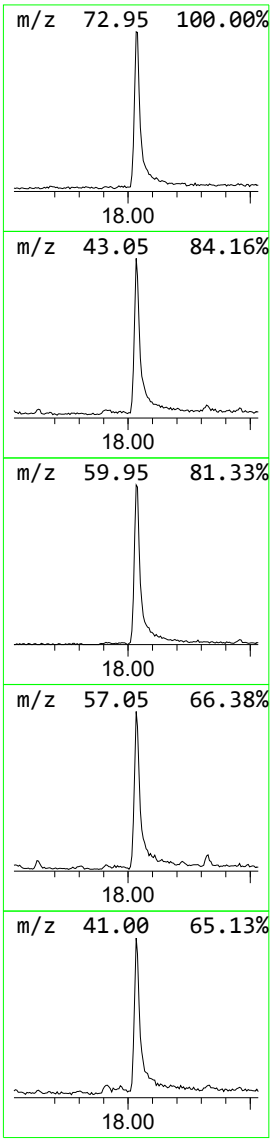
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	4.91 ng	848945	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3	Octadecanoic acid	284	C18H36O2	000057-11-4	92
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
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BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.863	4.7	ng	469850	1	7.739	2020350	20.0
Benzophenone	15.757	4.0	ng	678647	3	14.392	3411150	20.0
n-Hexadecanoic ...	18.033	4.9	ng	848945	4	17.139	3460170	20.0