LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
Data File : BG056451.D
Acq On : 26 Jan 2023 20:35
Operator : CG/JU
Sample : 01279-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-1-012423

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-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056451.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.329	341	347	359	rVB	86777	142631	9.90%	1.760%
2	5.817	422	430	441	rBV	376858	627987	43.58%	7.749%
3	7.438	697	706	714	rBV	376059	679591	47.16%	8.385%
4	8.290	845	851	866	rVB	127227	222206	15.42%	2.742%
5	9.465	1044	1051	1063	rVB	224115	411645	28.57%	5.079%
6	11.122	1326	1333	1341	rVB	168137	297599	20.65%	3.672%
7	13.531	1736	1743	1753	rBV	735010	1132926	78.62%	13.979%
8	14.906	1968	1977	1984	rVB	287484	467325	32.43%	5.766%
9	15.705	2104	2113	2118	rVB4	9542	19594	1.36%	0.242%
10	16.246	2200	2205	2211	rVB	35347	54638	3.79%	0.674%
11	16.387	2224	2229	2237	rBV	532468	825100	57.26%	10.181%
12	17.644	2436	2443	2448	rBV	376311	580412	40.28%	7.162%
13	17.685	2448	2450	2456	rVB	38619	49464	3.43%	0.610%
14	18.496	2583	2588	2595	rBV2	55303	109884	7.63%	1.356%
15	18.561	2596	2599	2606	rVB2	21214	33790	2.34%	0.417%
16	18.702	2618	2623	2626	rBV3	17673	31227	2.17%	0.385%
17	18.907	2654	2658	2661	rBV6	13334	18557	1.29%	0.229%
18	19.225	2708	2712	2718	rVB7	12926	22788	1.58%	0.281%
19	19.418	2738	2745	2748	rBV4	33418	77537	5.38%	0.957%
20	19.677	2785	2789	2794	rBV	83150	112933	7.84%	1.393%
21	20.041	2847	2851	2856	rVB	101625	145311	10.08%	1.793%
22	20.100	2859	2861	2866	rVB2	28818	35134	2.44%	0.434%
23	20.217	2876	2881	2887	rVB	1103540	1441068	100.00%	17.781%
24	21.933	3169	3173	3180	rVB	327154	565229	39.22%	6.974%

Sum of corrected areas: 8104576

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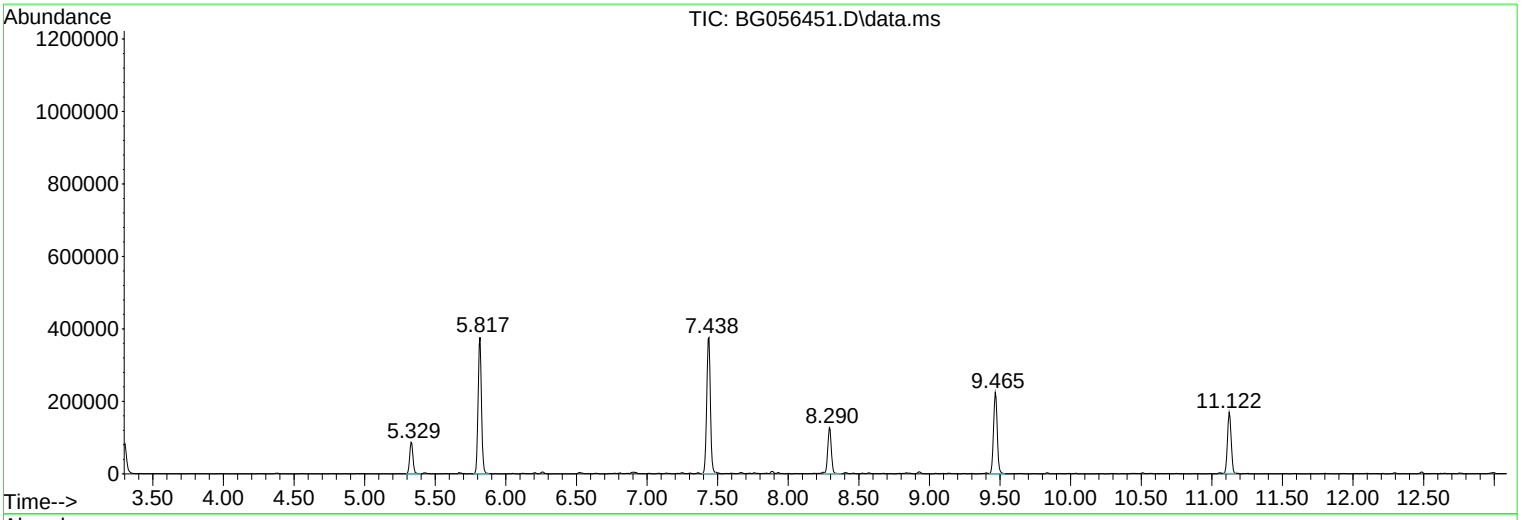
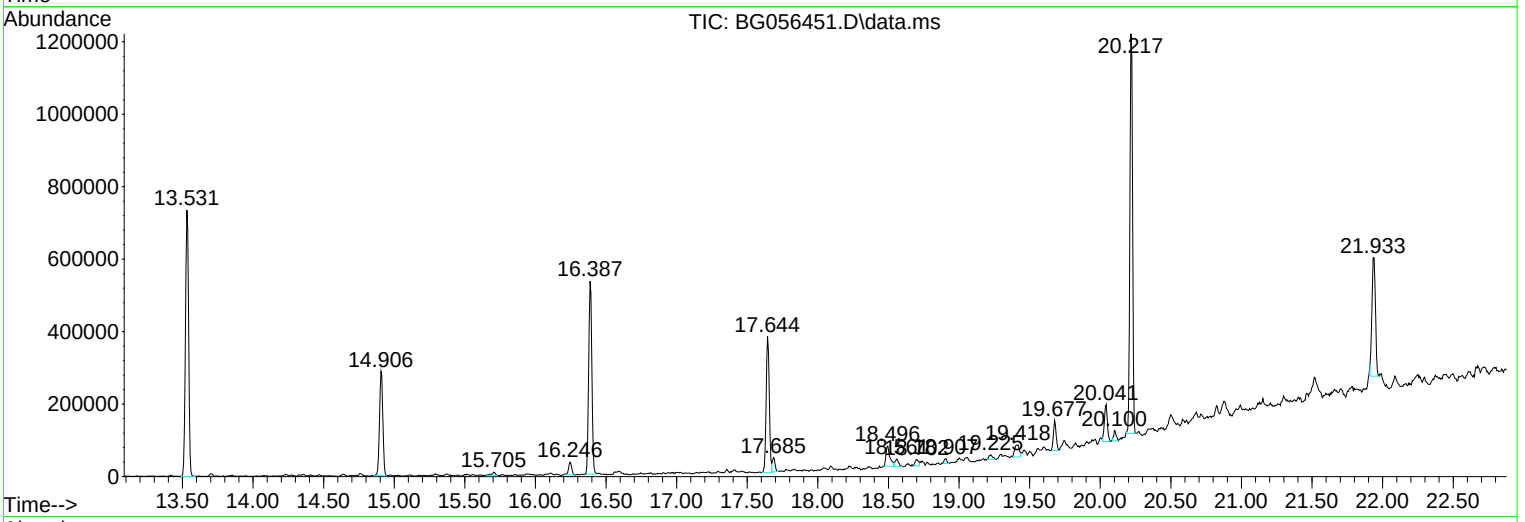
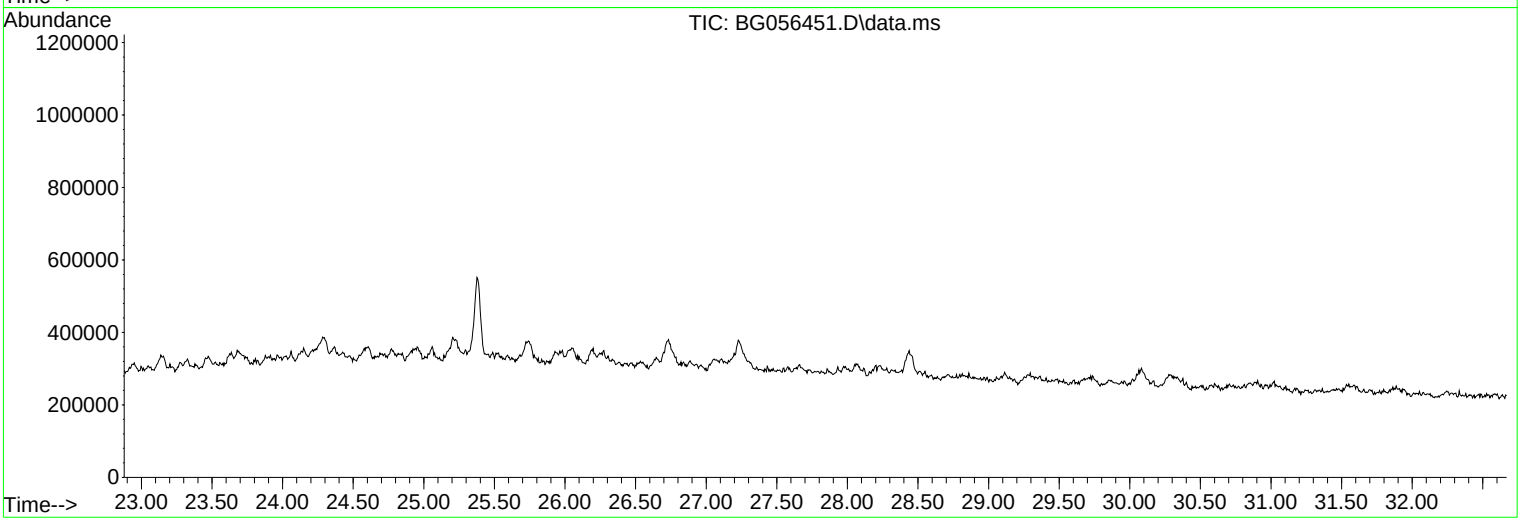
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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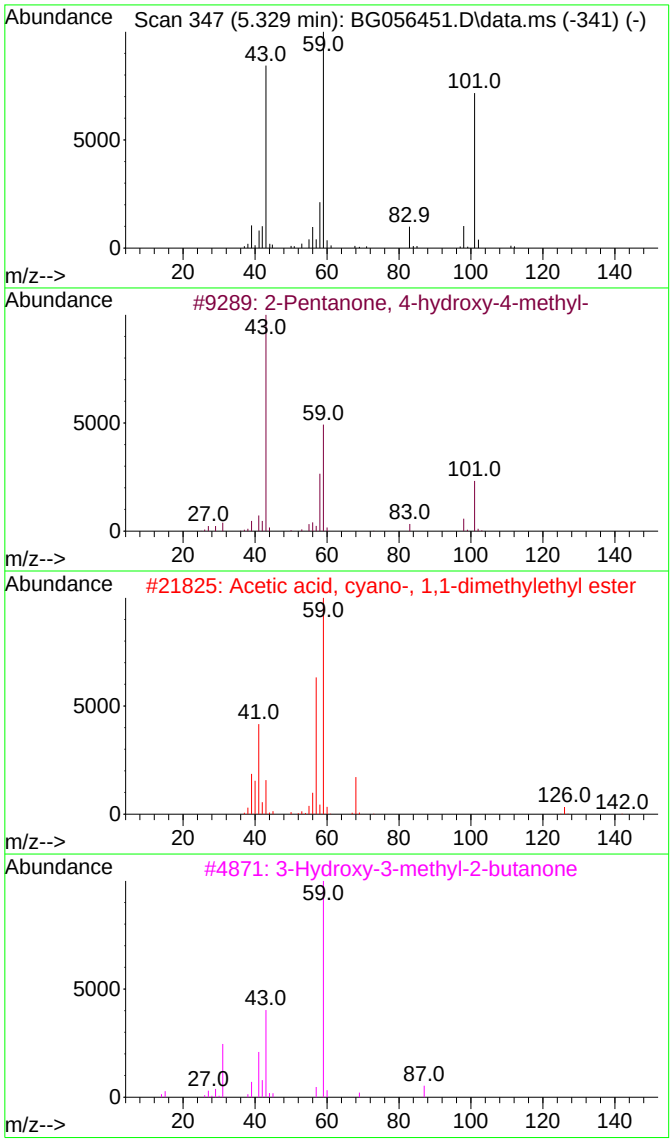
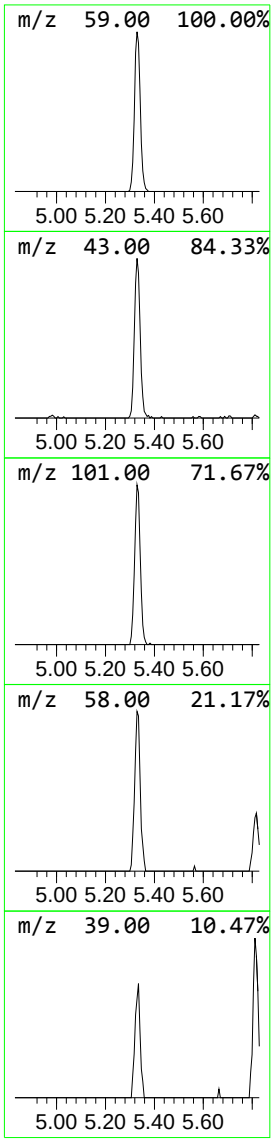
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.329	12.84 ng	142631	1,4-Dichlorobenzene-d4	8.290

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	17
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	17





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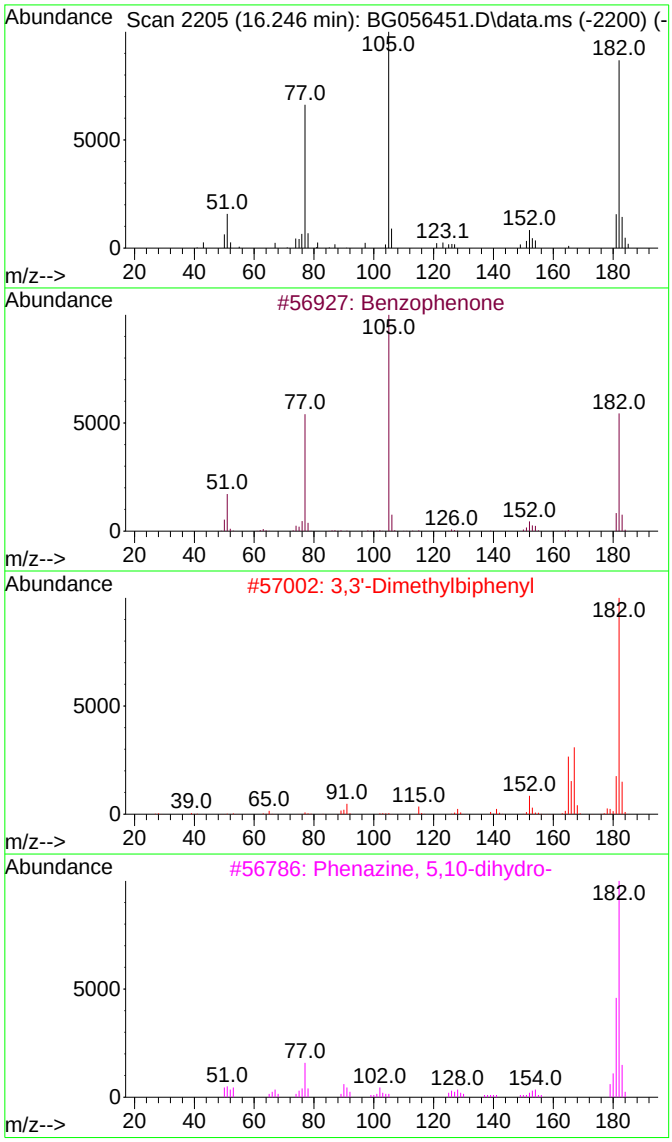
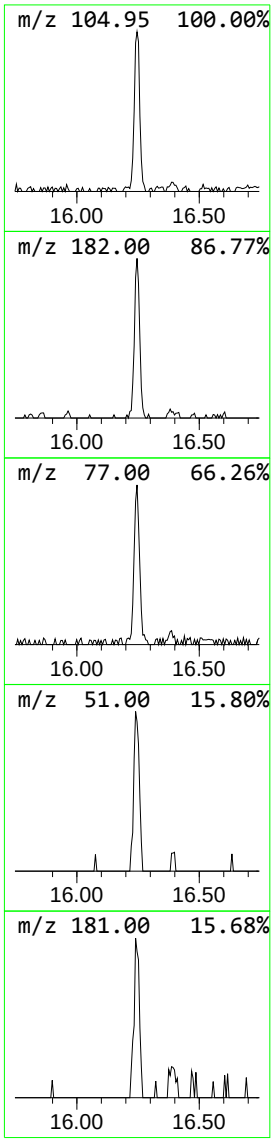
Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.246	2.34 ng	54638	Acenaphthene-d10	14.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	47
3	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	47
4	4-Cyclopropyl-6-(methylthio)-1,3...	182	C7H10N4S	175204-57-6	46
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	46





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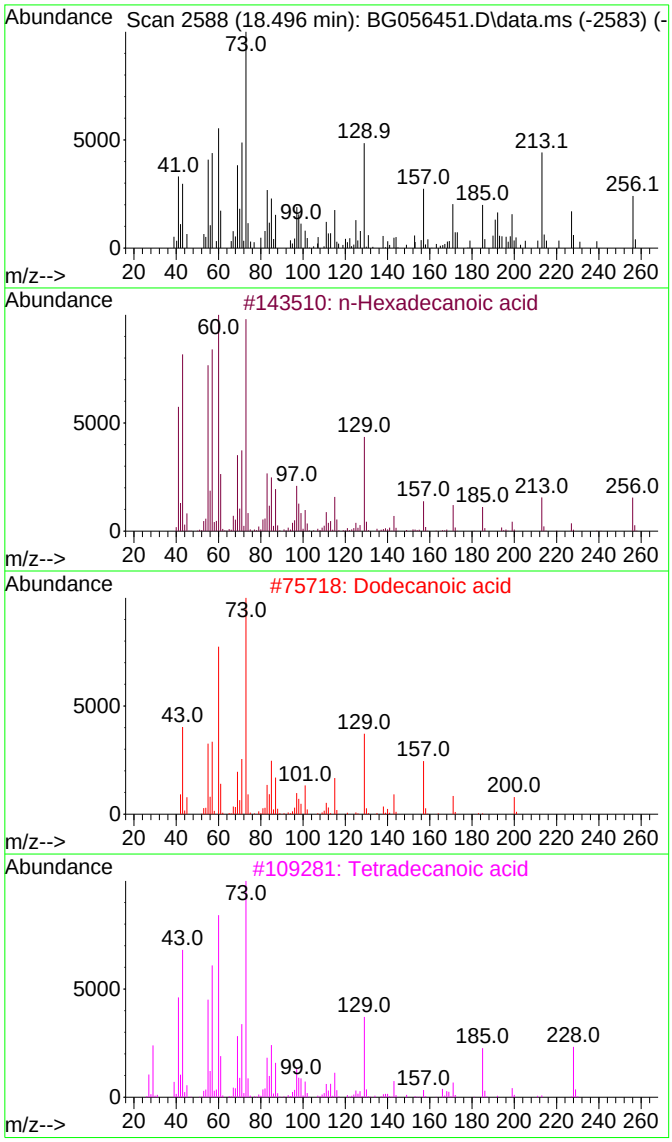
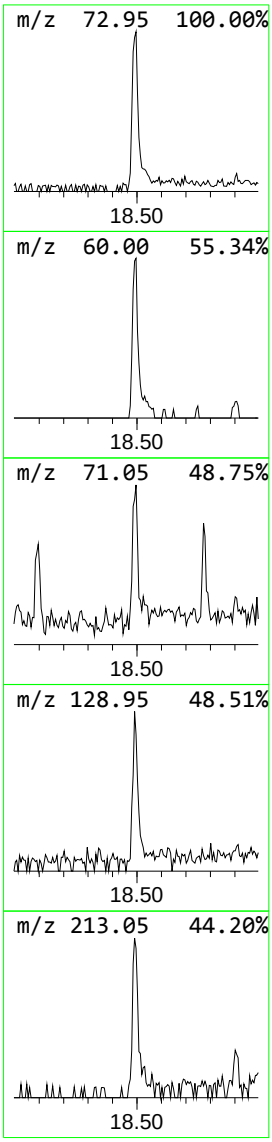
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.496	3.79 ng	109884	Phenanthrene-d10	17.644

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	25





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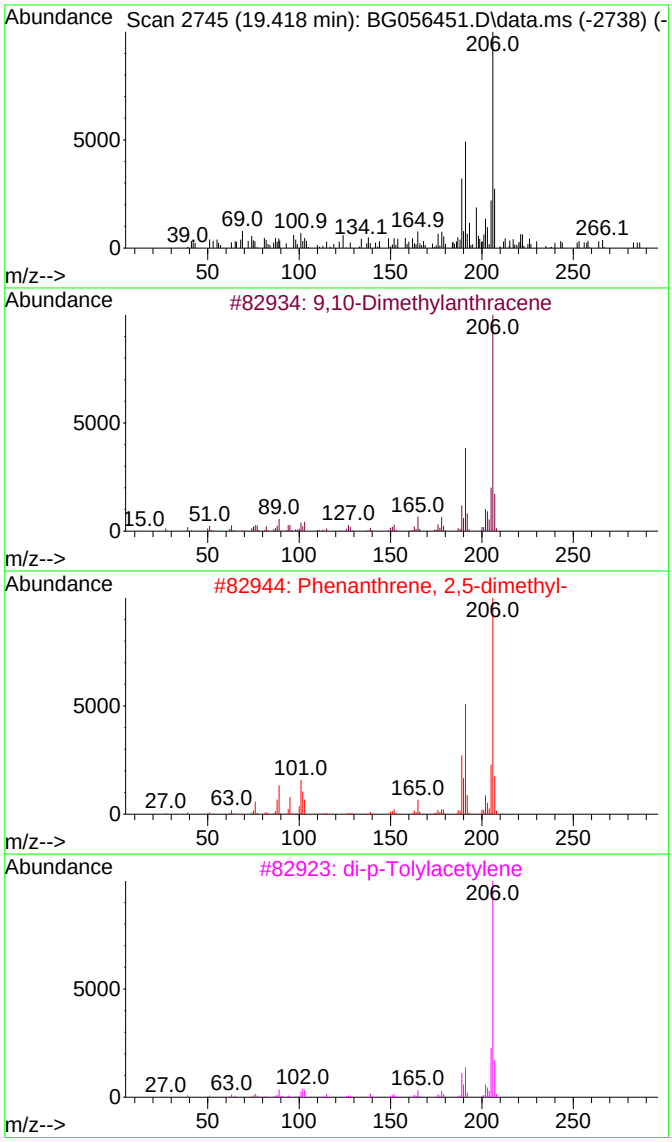
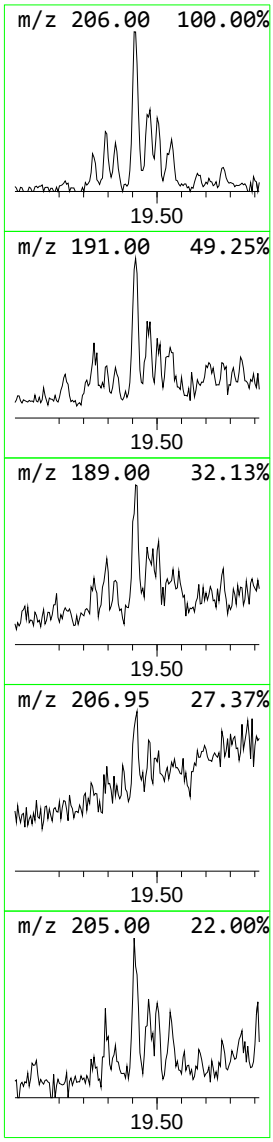
Peak Number 4 9,10-Dimethylanthracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.418	2.67 ng	77537	Phenanthrene-d10	17.644

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	74
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	68
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60





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-...	5.329	12.8	ng	142631	1	8.290	222206	20.0
Benzophenone	16.246	2.3	ng	54638	3	14.906	467325	20.0
n-Hexadecanoic ...	18.496	3.8	ng	109884	4	17.644	580412	20.0
9,10-Dimethylan...	19.418	2.7	ng	77537	4	17.644	580412	20.0