LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
Data File : BG055600.D
Acq On : 12 Nov 2022 22:15
Operator : CG/JU
Sample : N5575-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-1-111022

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-BG110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055600.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.329	3	7	12	rBV	44160	67179	5.60%	0.669%
2	5.326	341	347	355	rVB	66661	111144	9.27%	1.107%
3	5.796	420	427	438	rBV	265713	463380	38.65%	4.617%
4	7.406	694	701	717	rVB	286749	500604	41.76%	4.987%
5	8.270	840	848	862	rVB	315546	555170	46.31%	5.531%
6	9.439	1040	1047	1054	rBV	169309	311551	25.99%	3.104%
7	10.843	1281	1286	1297	rBV2	22439	44267	3.69%	0.441%
8	11.102	1323	1330	1337	rVB	427517	788251	65.75%	7.853%
9	13.517	1734	1741	1750	rVB	480680	743038	61.98%	7.403%
10	13.699	1765	1772	1777	rBV2	13168	23420	1.95%	0.233%
11	14.762	1949	1953	1958	rVB	17199	22209	1.85%	0.221%
12	14.892	1961	1975	1982	rBV	683818	1072452	89.46%	10.684%
13	14.956	1982	1986	1990	rVB2	12134	21237	1.77%	0.212%
14	15.285	2036	2042	2050	rVB6	8853	20414	1.70%	0.203%
15	15.503	2074	2079	2083	rBV5	8713	14951	1.25%	0.149%
16	15.708	2110	2114	2119	rVB	23135	30074	2.51%	0.300%
17	15.932	2147	2152	2159	rBV2	19948	33910	2.83%	0.338%
18	16.102	2177	2181	2191	rVB7	9476	24492	2.04%	0.244%
19	16.366	2221	2226	2234	rVB	332198	522333	43.57%	5.204%
20	16.566	2255	2260	2263	rBV3	27334	43852	3.66%	0.437%
21	17.359	2391	2395	2400	rBV2	30409	46255	3.86%	0.461%
22	17.412	2400	2404	2407	rBV3	17147	25418	2.12%	0.253%
23	17.630	2435	2441	2446	rBV	743326	1198795	100.00%	11.943%
24	17.677	2446	2449	2456	rVB	177114	250145	20.87%	2.492%
25	17.765	2460	2464	2470	rVV	37797	59133	4.93%	0.589%
26	18.023	2505	2508	2513	rBV4	15361	25954	2.17%	0.259%
27	18.100	2518	2521	2526	rVB2	26876	35191	2.94%	0.351%
28	18.487	2583	2587	2593	rBV4	70464	134401	11.21%	1.339%
29	19.404	2739	2743	2746	rBV3	101633	158337	13.21%	1.577%
30	19.668	2784	2788	2794	rVB	265840	369224	30.80%	3.678%
31	20.033	2846	2850	2857	rVB	213469	314230	26.21%	3.131%
32	20.215	2877	2881	2886	rVB	707508	905194	75.51%	9.018%
33	21.936	3168	3174	3180	rBV2	600109	1101257	91.86%	10.971%

Sum of corrected areas: 10037462

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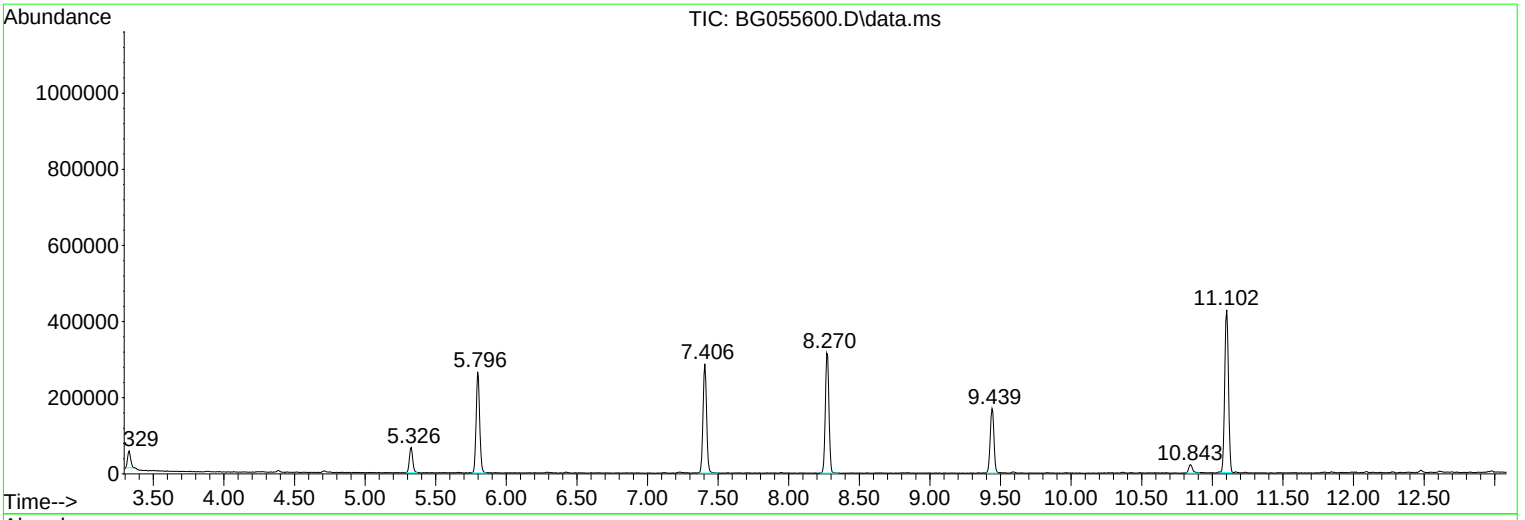
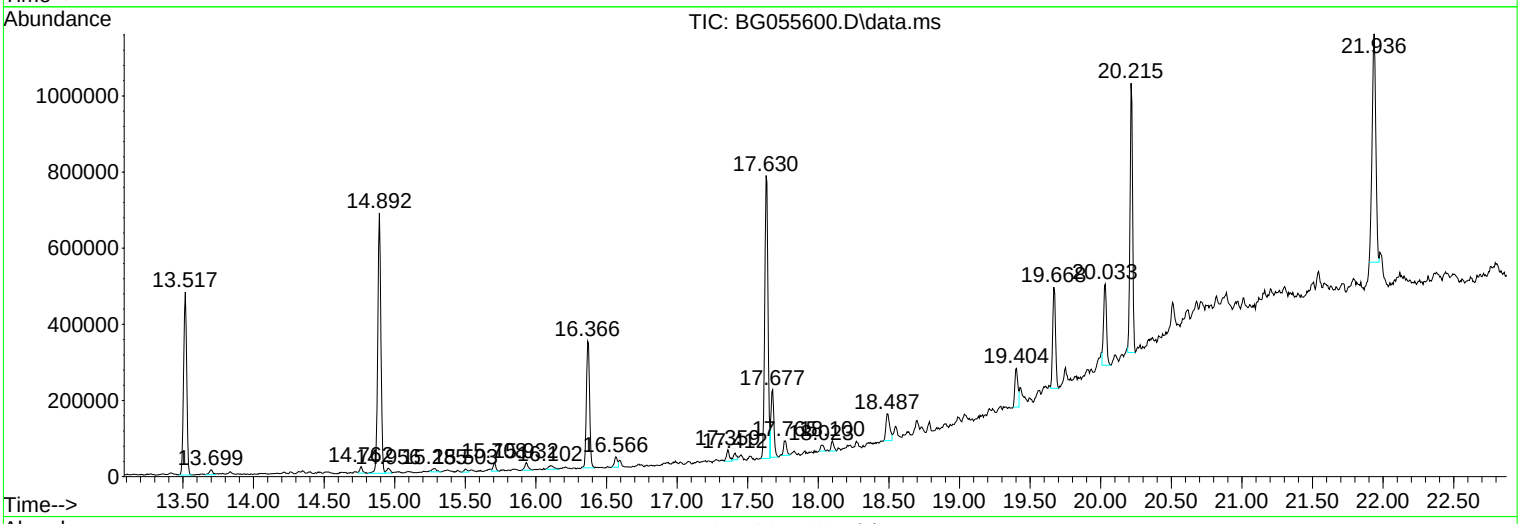
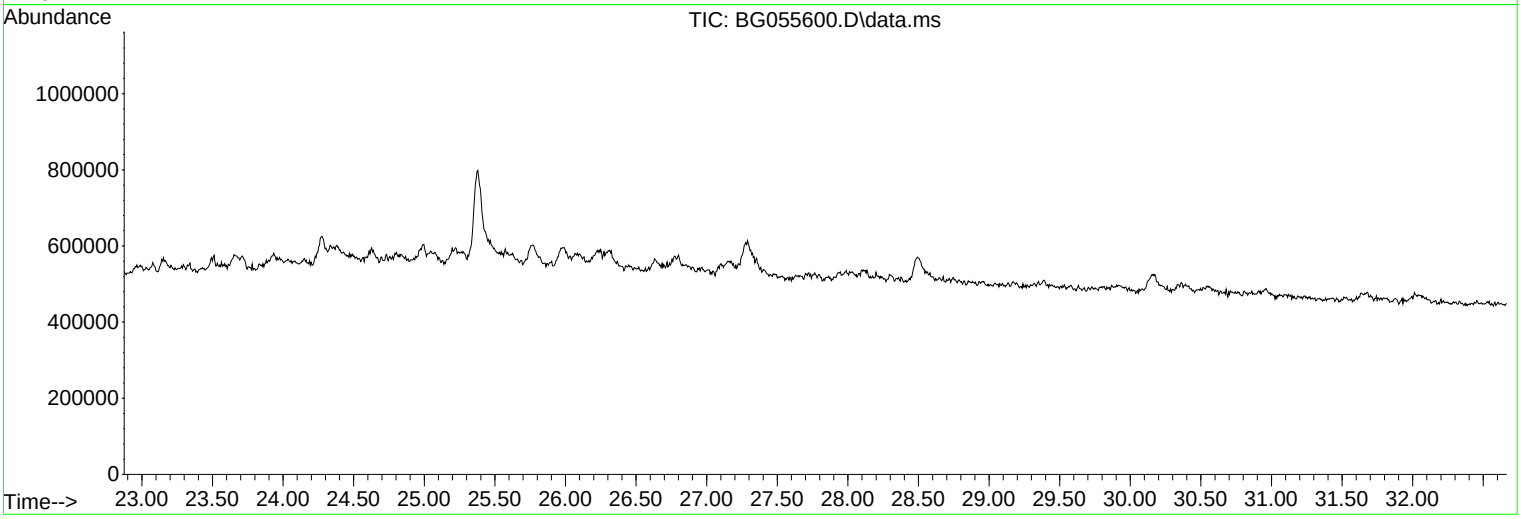
ClientSampleId :
OK-1-111022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.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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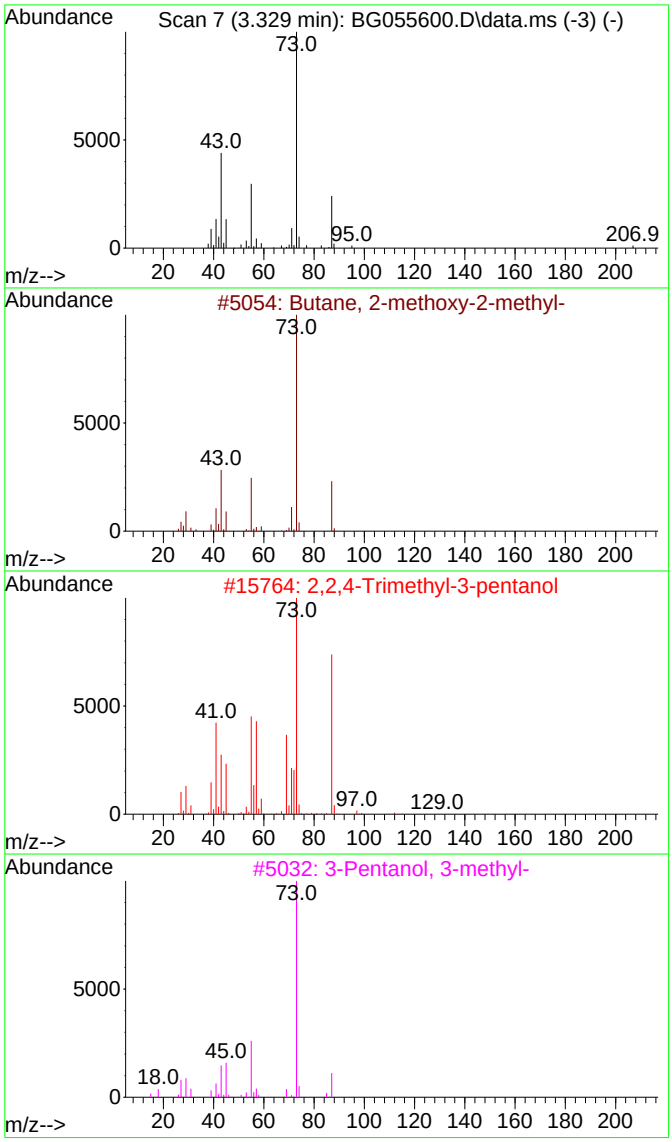
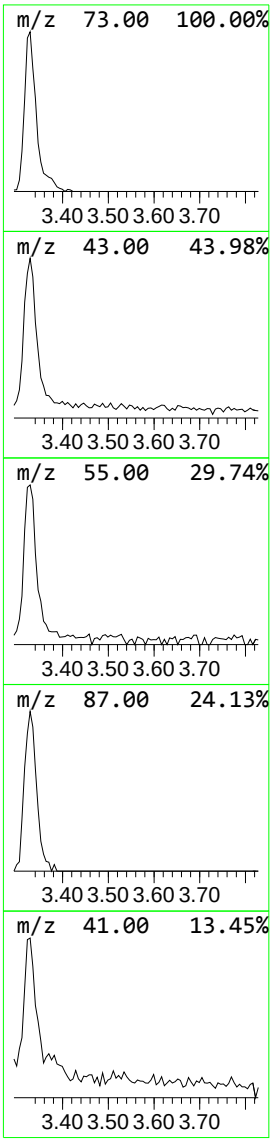
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.329	2.42 ng	67179	1,4-Dichlorobenzene-d4	8.270

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	17





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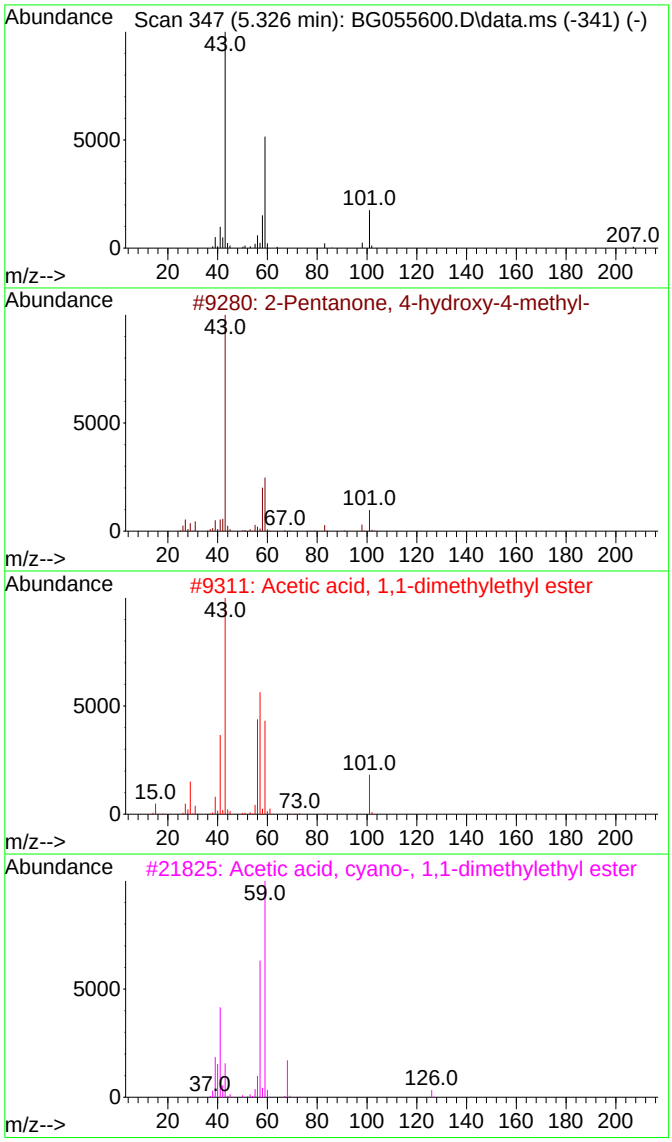
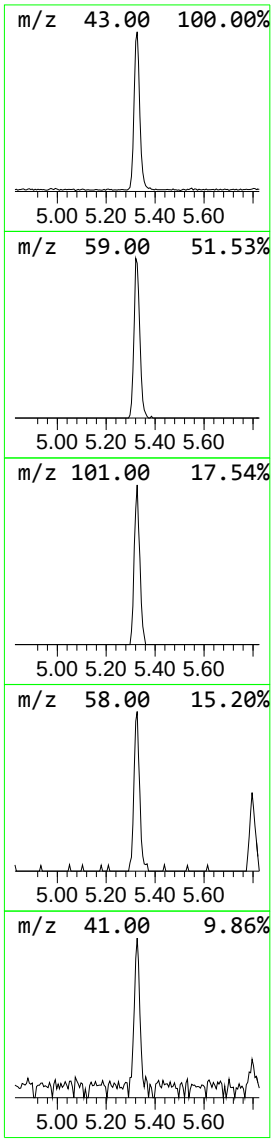
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.326	4.00 ng	111144	1,4-Dichlorobenzene-d4	8.270

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ClientSampleId :
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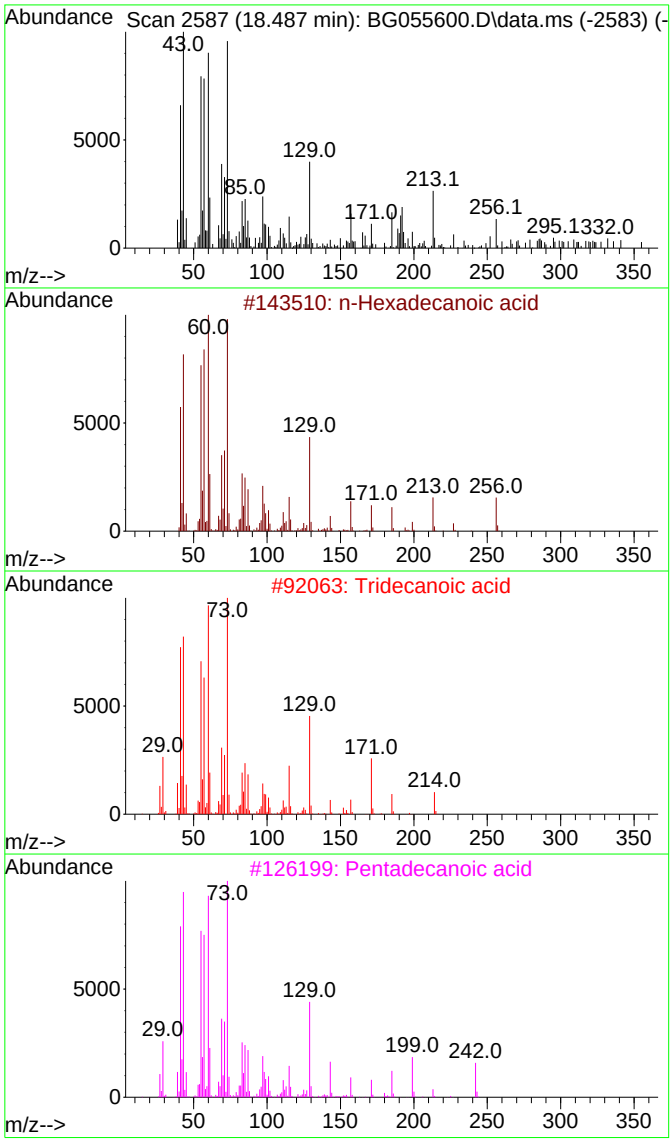
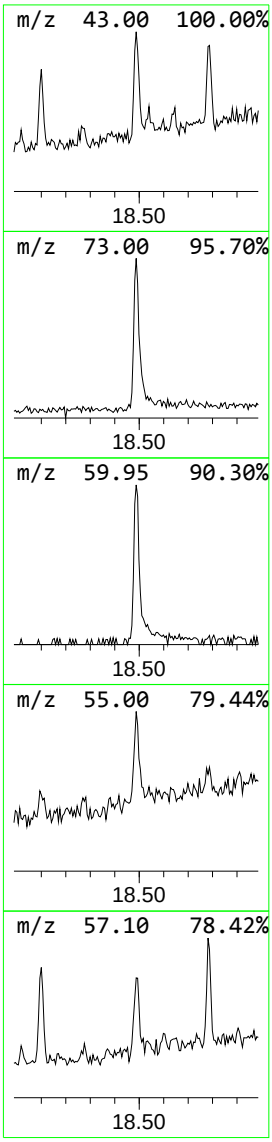
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.487	2.24 ng	134401	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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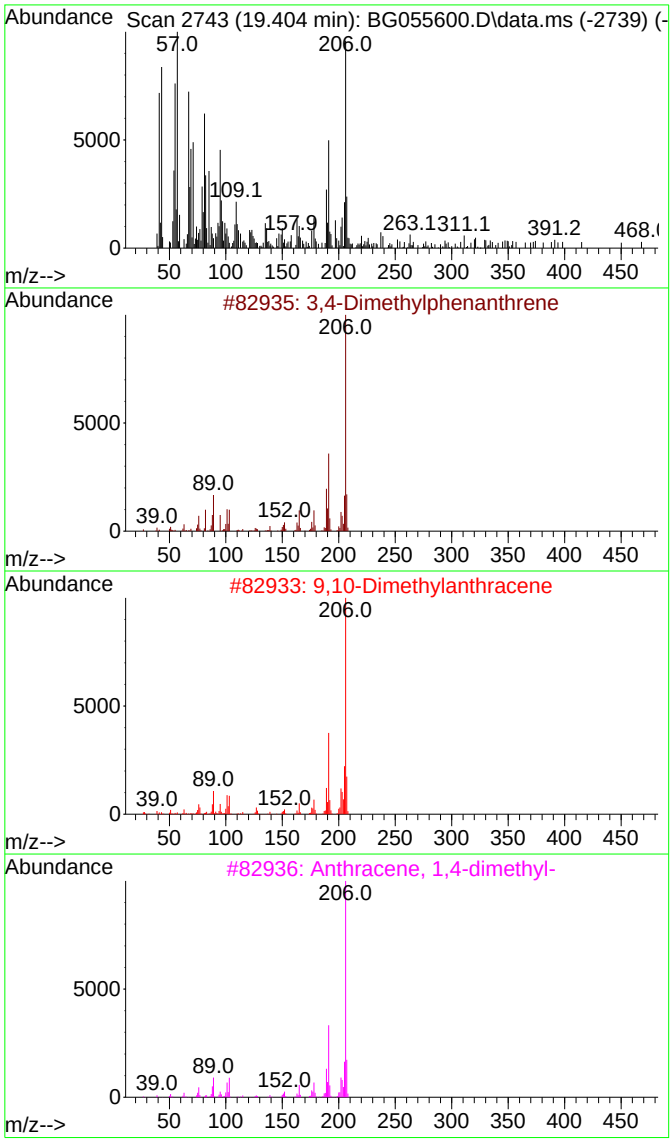
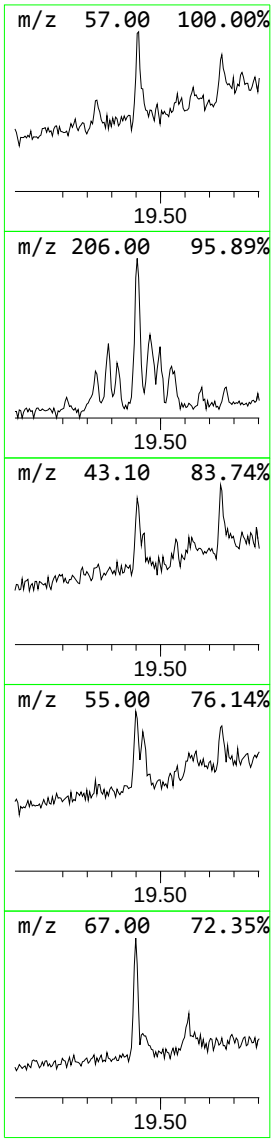
Peak Number 4 3,4-Dimethylphenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	2.64 ng	158337	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	78
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	53





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.329	2.4	ng	67179	1	8.270	555170	20.0
2-Pentanone, 4-...	5.326	4.0	ng	111144	1	8.270	555170	20.0
n-Hexadecanoic ...	18.487	2.2	ng	134401	4	17.630	1198800	20.0
3,4-Dimethylphe...	19.404	2.6	ng	158337	4	17.630	1198800	20.0