LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
Data File : BG048593.D
Acq On : 5 Apr 2021 21:21
Operator : CG/JU
Sample : M1909-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB-10-5-10

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-BG033021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048593.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.639	384	391	400	rBV	349884	588228	62.64%	7.256%
2	7.243	657	664	673	rBV	379127	675753	71.96%	8.336%
3	8.095	802	809	815	rBV	157592	280596	29.88%	3.461%
4	9.264	999	1008	1015	rBV	249917	443047	47.18%	5.465%
5	10.921	1283	1290	1297	rBV	199508	360696	38.41%	4.449%
6	12.325	1525	1529	1533	rVB6	8974	11097	1.18%	0.137%
7	13.365	1699	1706	1716	rBV	592819	910535	96.96%	11.232%
8	13.559	1736	1739	1745	rVB5	8883	14210	1.51%	0.175%
9	14.123	1830	1835	1840	rVB7	5344	9928	1.06%	0.122%
10	14.182	1840	1845	1850	rBV	19817	37967	4.04%	0.468%
11	14.634	1918	1922	1927	rBV6	7531	10960	1.17%	0.135%
12	14.746	1934	1941	1947	rBV	308223	484371	51.58%	5.975%
13	14.810	1948	1952	1958	rVB4	13497	23649	2.52%	0.292%
14	15.139	2005	2008	2013	rVB5	9047	14474	1.54%	0.179%
15	15.363	2042	2046	2048	rBV5	6577	9682	1.03%	0.119%
16	15.792	2115	2119	2122	rBV5	11430	15732	1.68%	0.194%
17	16.232	2186	2194	2203	rBV	427097	670462	71.40%	8.271%
18	16.473	2232	2235	2239	rVB6	10841	13492	1.44%	0.166%
19	17.031	2326	2330	2332	rBV5	7711	10851	1.16%	0.134%
20	17.149	2347	2350	2355	rVB6	13256	22149	2.36%	0.273%
21	17.501	2404	2410	2414	rBV	316556	498751	53.11%	6.152%
22	17.542	2414	2417	2422	rVB	158822	213749	22.76%	2.637%
23	17.636	2427	2433	2437	rVV	32176	50971	5.43%	0.629%
24	17.901	2474	2478	2481	rVB4	16403	19611	2.09%	0.242%
25	18.165	2521	2523	2526	rBV4	8765	9847	1.05%	0.121%
26	18.377	2555	2559	2563	rBV3	70196	94857	10.10%	1.170%
27	18.424	2564	2567	2572	rVB2	35786	53850	5.73%	0.664%
28	18.571	2587	2592	2595	rBV6	36806	70871	7.55%	0.874%
29	18.864	2640	2642	2646	rVB4	14612	20751	2.21%	0.256%
30	19.552	2754	2759	2765	rVB	202103	289864	30.87%	3.576%
31	19.916	2817	2821	2827	rVB	185444	266182	28.35%	3.284%
32	20.110	2849	2854	2859	rBV	707508	939079	100.00%	11.584%
33	21.796	3134	3141	3146	rBV3	293796	590402	62.87%	7.283%
34	25.145	3706	3711	3722	rVB2	142809	379894	40.45%	4.686%

Sum of corrected areas: 8106558

Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

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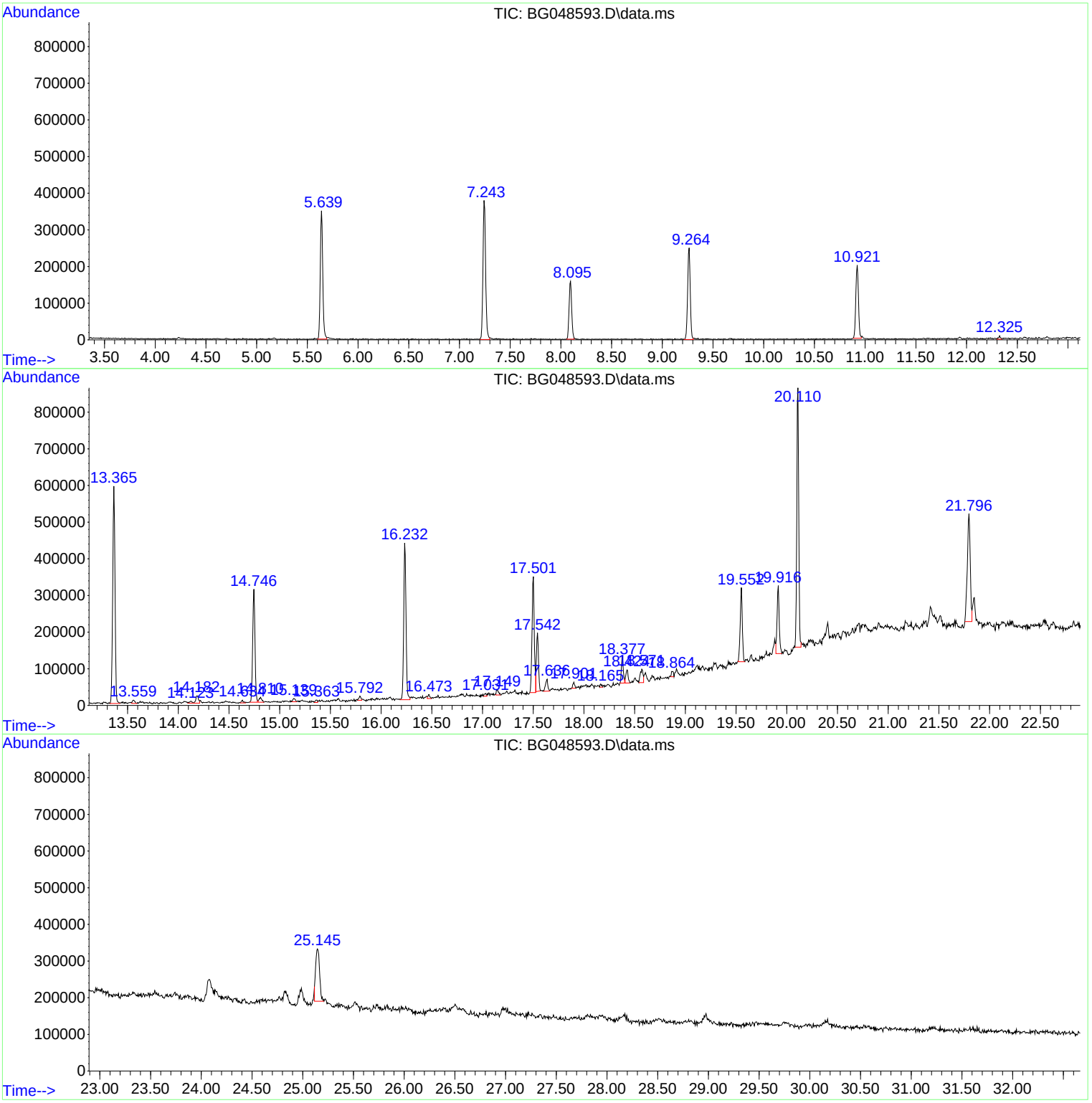
ClientSampleId :
FS-SB-10-5-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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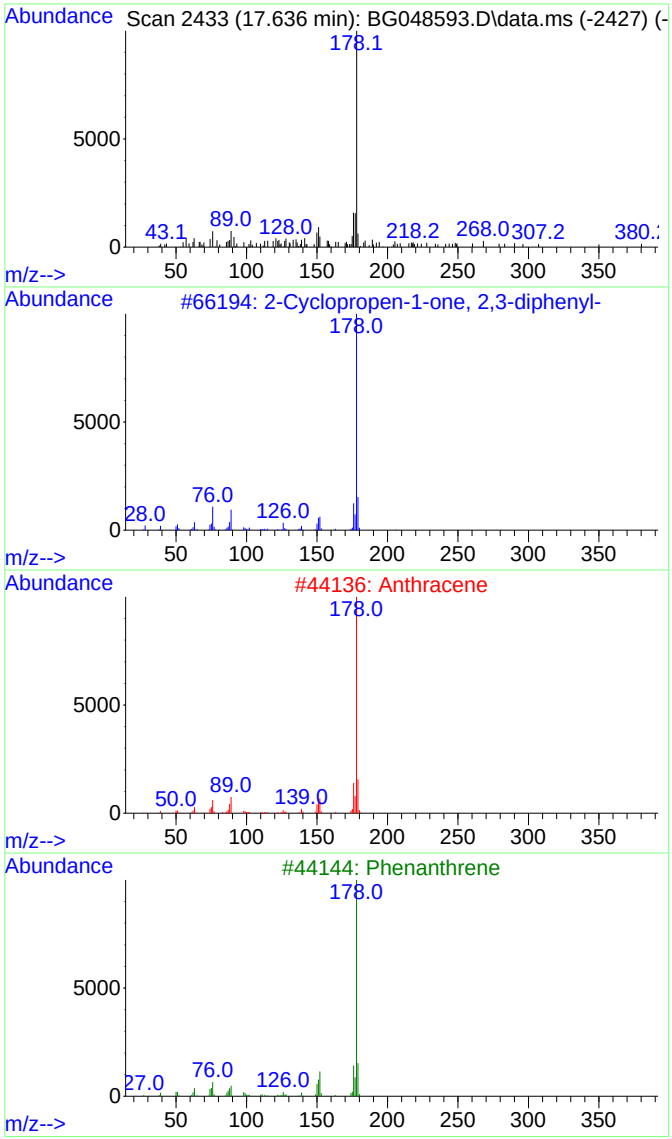
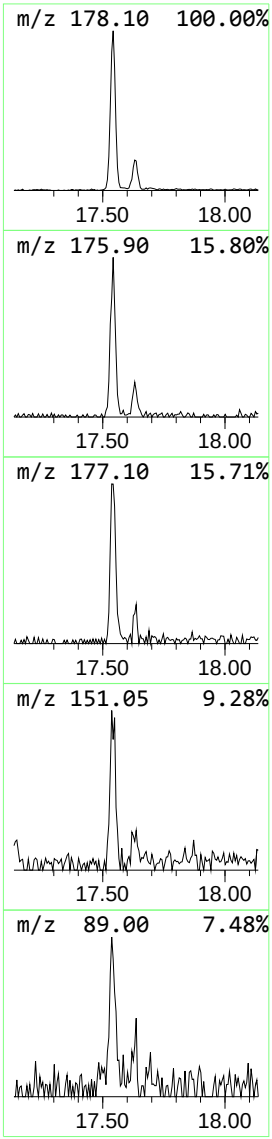
****
Peak Number 1 2-Cyclopropen-1-one, 2,3-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.637	2.04 ng	50971	Phenanthrene-d10	17.501

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopropen-1-one, 2,3-diphenyl-	206	C15H10O	000886-38-4	83
2	Anthracene	178	C14H10	000120-12-7	74
3	Phenanthrene	178	C14H10	000085-01-8	74
4	Diphenylacetylene	178	C14H10	000501-65-5	72
5	3-(2-Pyridyl)-5,6-diphenyl-1,2,4...	310	C20H14N4	001046-56-6	56





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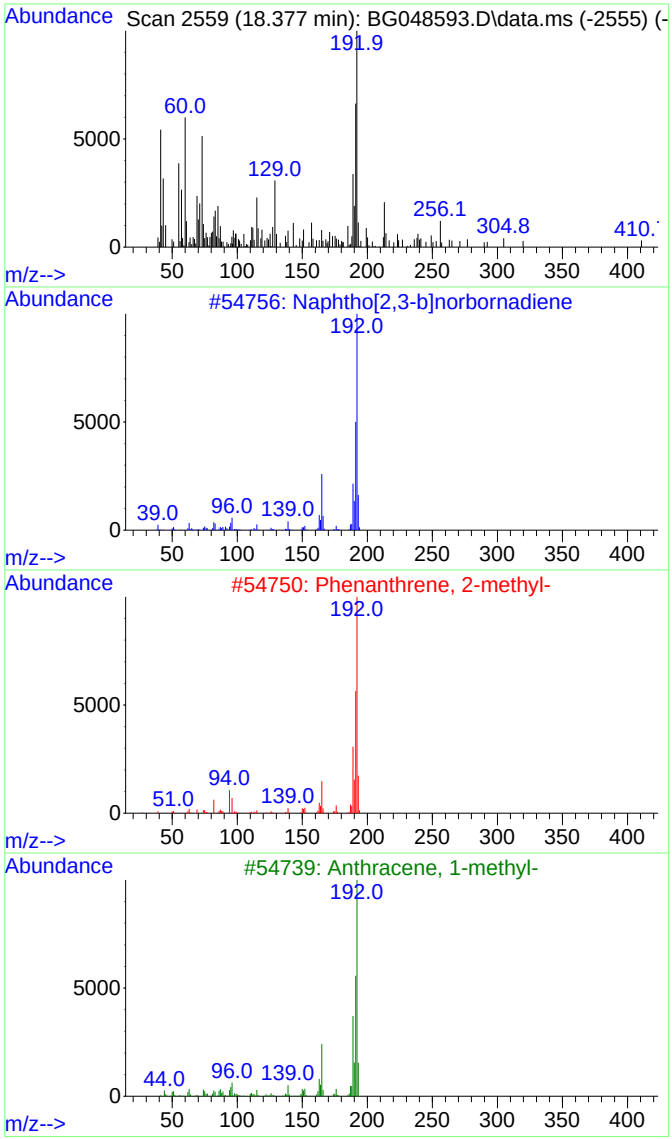
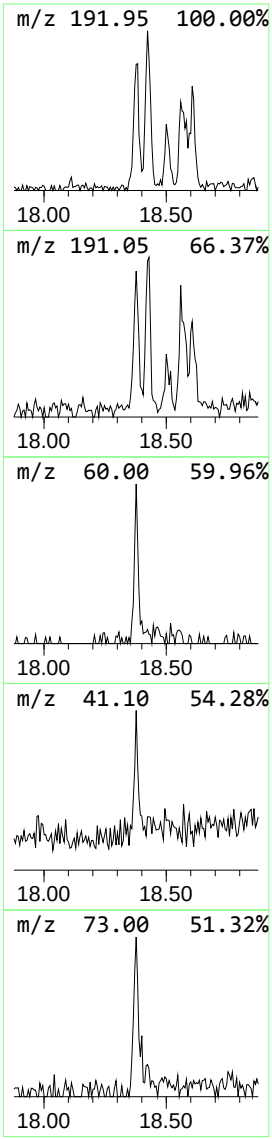
Peak Number 2 unknown18.377 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.377	3.80 ng	94857	Phenanthrene-d10	17.501

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	43
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	43
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	2-Hydroxy-4-methyl-6-(2-thienyl)...	192	C9H8N2OS	026963-45-1	38





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Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
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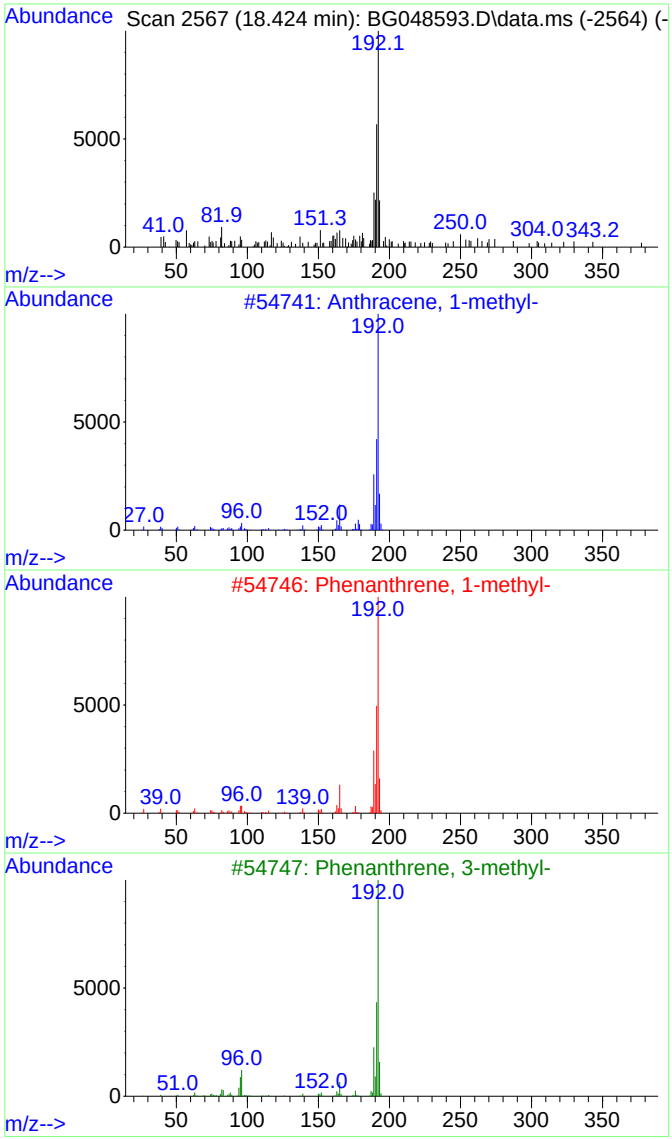
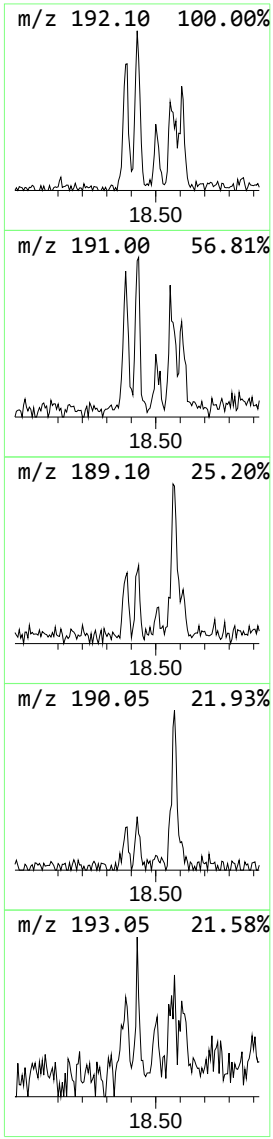
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.424	2.16 ng	53850	Phenanthrene-d10	17.501

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	68
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	68
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





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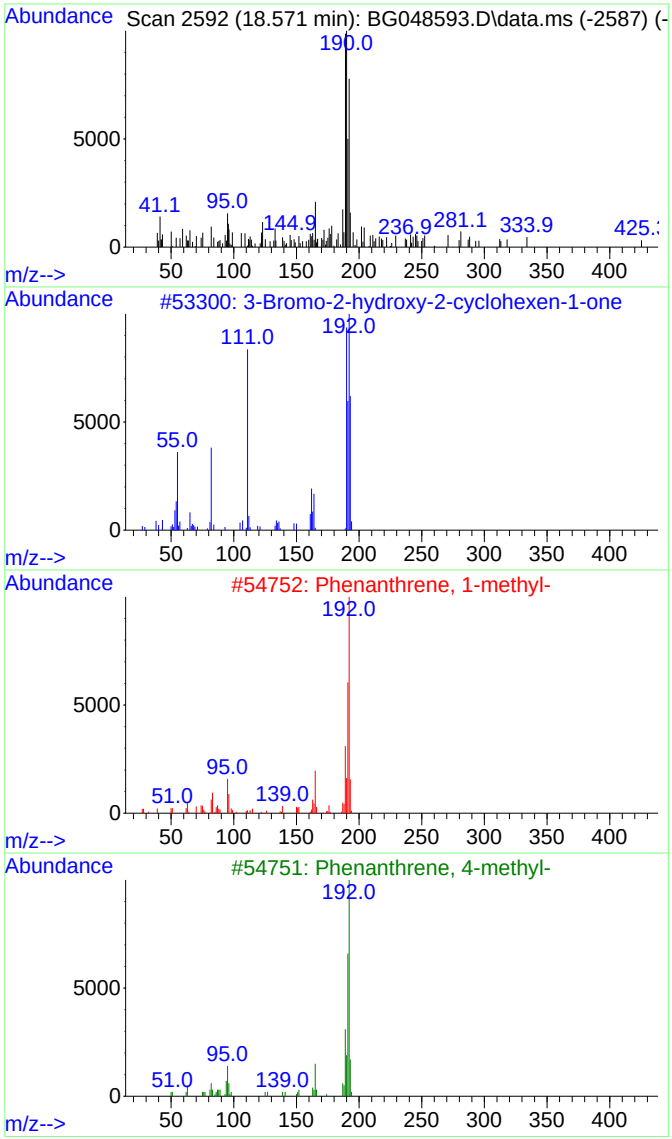
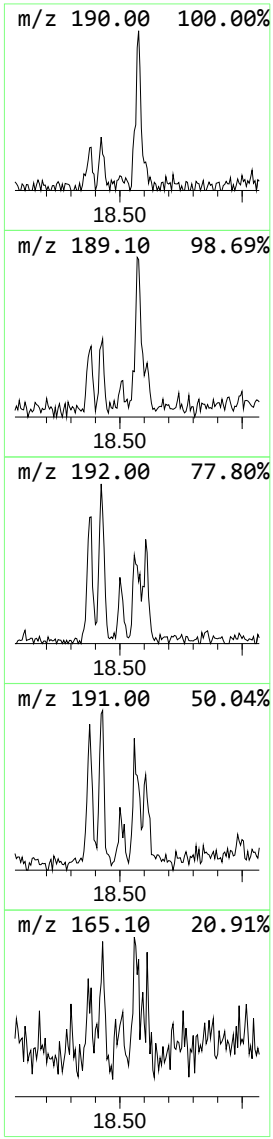
Peak Number 4 unknown18.571 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.571	2.84 ng	70871	Phenanthrene-d10	17.501

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-2-hydroxy-2-cyclohexen-1...	190	C6H7BrO2	010324-65-9	49
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	41
5	4-Amino-3,5-dichloro-2,6-lutidine	190	C7H8Cl2N2	050978-40-0	38





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Cyclopropen-1...	17.637	2.0	ng	50971	4	17.501	498751	20.0
unknown18.377	18.377	3.8	ng	94857	4	17.501	498751	20.0
Anthracene, 1-m...	18.424	2.2	ng	53850	4	17.501	498751	20.0
unknown18.571	18.571	2.8	ng	70871	4	17.501	498751	20.0