

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063407.D
 Acq On : 15 Nov 2024 1:38
 Operator : RC/JU
 Sample : P4761-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0AN0

Quant Time: Nov 15 01:28:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/18/2024

11/15/2024
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							11/18/2024
1) 1,4-Dichlorobenzene-d4	7.836	152	107679	20.000	ng/u1	0.00	
20) Naphthalene-d8	10.621	136	468991	20.000	ng/u1	# 0.00	
38) Acenaphthene-d10	14.469	164	366294	20.000	ng/u1	0.00	
64) Phenanthrene-d10	17.219	188	885744	20.000	ng/u1	# 0.00	
79) Chrysene-d12	21.479	240	903612	20.000	ng/u1	# 0.00	
88) Perylene-d12	24.511	264	962489	20.000	ng/u1	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.306	96	11733	4.927	ng/uL	0.00	
4) Pyridine-d5	3.711	84	69457	8.825	ng/u1	0.00	
7) Phenol-d5	7.008	99	120055	12.356	ng/u1	0.00	
9) Bis-(2-Chloroethyl)eth...	7.160	67	215385	37.792	ng/u1	-0.01	
11) 2-Chlorophenol-d4	7.366	132	222182	35.230	ng/u1	-0.01	
15) 4-Methylphenol-d8	8.541	113	223631	27.154	ng/u1	0.00	
21) Nitrobenzene-d5	8.982	128	125166	37.962	ng/u1	-0.01	
24) 2-Nitrophenol-d4	9.704	143	160634	37.695	ng/u1	-0.01	
28) 2,4-Dichlorophenol-d3	10.245	165	301218	36.019	ng/u1	0.00	
31) 4-Chloroaniline-d4	10.762	131	11977m	1.100	ng/u1	0.00	
46) Dimethylphthalate-d6	13.876	166	1002960	34.956	ng/u1	0.00	
49) Acenaphthylene-d8	14.164	160	1097207	39.070	ng/u1	0.00	
54) 4-Nitrophenol-d4	14.687	143	35178m	8.955	ng/u1	0.00	
60) Fluorene-d10	15.468	176	903289	37.303	ng/u1	0.00	
65) 4,6-Dinitro-2-methylph...	15.592	200	204832	36.796	ng/u1	0.00	
73) Anthracene-d10	17.325	188	1486637	39.052	ng/u1	0.00	
81) Pyrene-d10	19.622	212	1932117	42.647	ng/u1	0.00	
92) Benzo(a)pyrene-d12	24.305	264	1864972	40.133	ng/u1	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.335	88	8968	3.059	ng/uL		97
52) Acenaphthene	14.534	153	25699m	1.284	ng/u1		
61) Fluorene	15.521	166	38821	1.497	ng/u1#		95
72) Phenanthrene	17.266	178	309192	7.640	ng/u1		97
74) Anthracene	17.354	178	69715m	1.682	ng/u1		
77) Carbazole	17.630	167	51473	1.495	ng/u1		98
80) Fluoranthene	19.287	202	155375	3.173	ng/u1#		97
82) Pyrene	19.652	202	103898	2.002	ng/u1#		84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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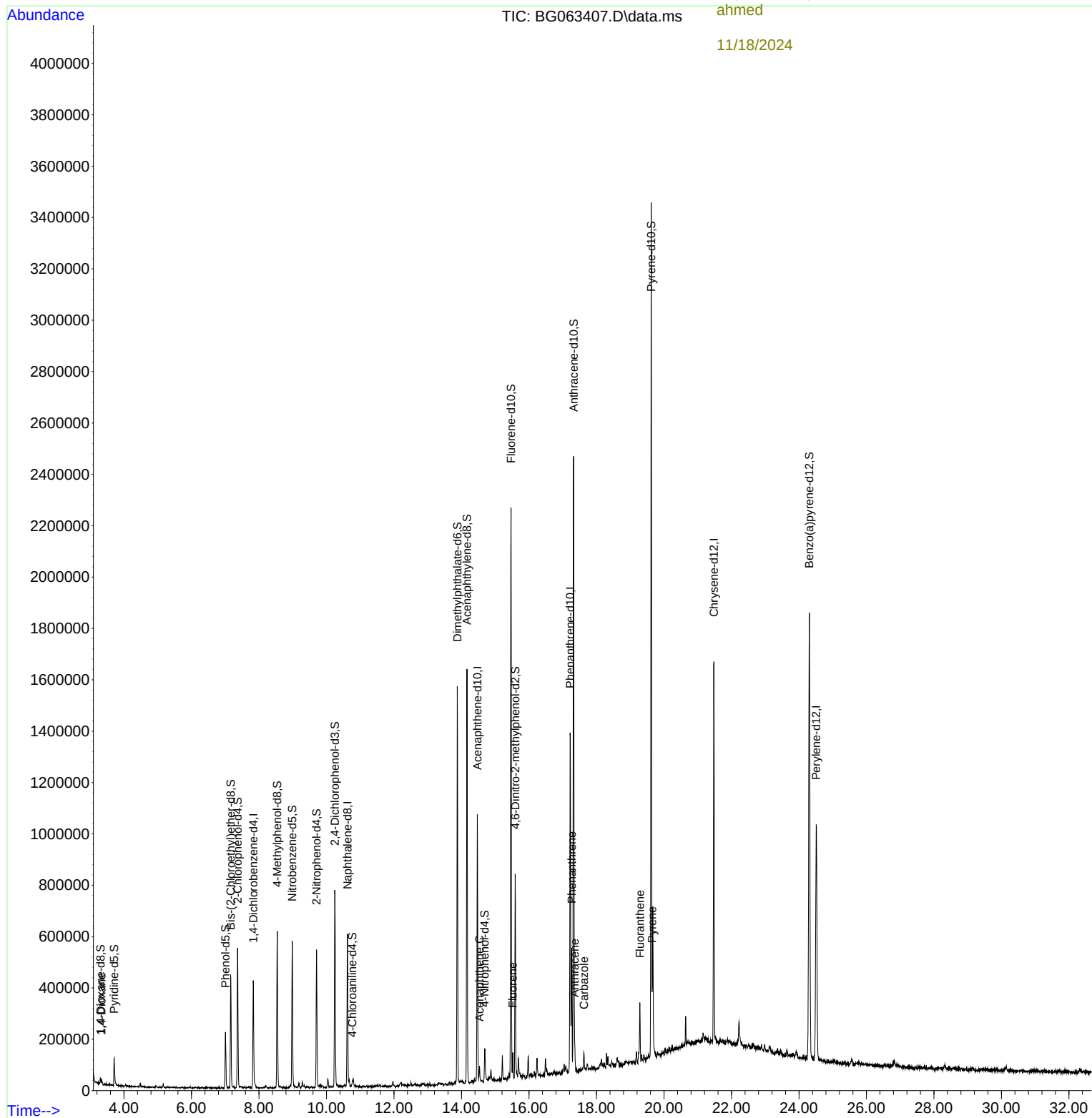
Quant Time: Nov 15 01:28:52 2024
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Quant Title : SVOA CALIBRATION
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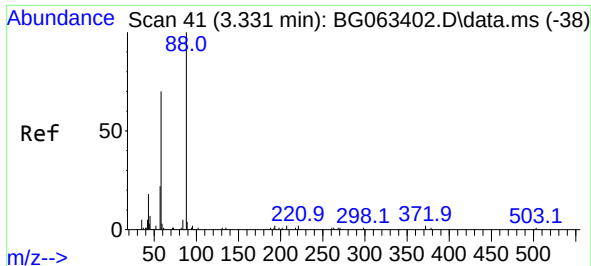
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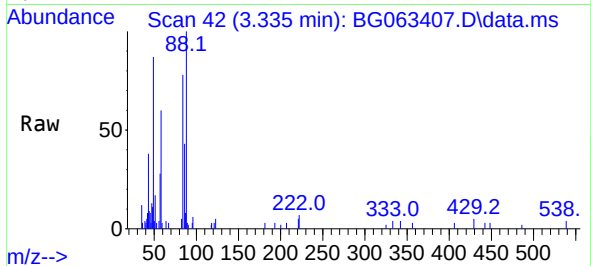
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#2
1,4-Dioxane
Concen: 3.059 ng/uL
RT: 3.335 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG063407.D
Acq: 15 Nov 2024 1:38

Instrument :
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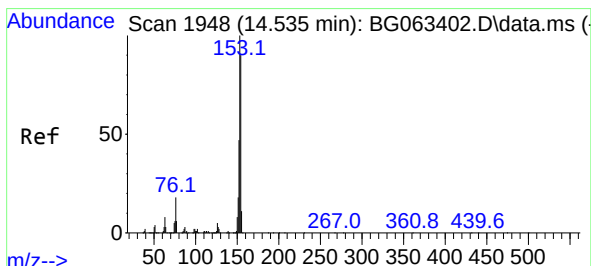
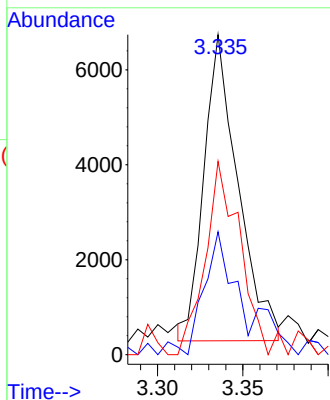
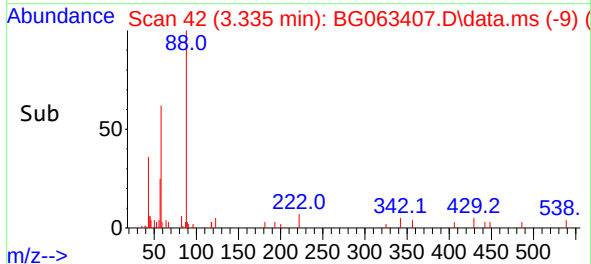
Tgt Ion: 88 Resp: 896
Ion Ratio Lower Upper
88 100
43 38.4 29.6 44.4
58 60.4 46.5 69.7

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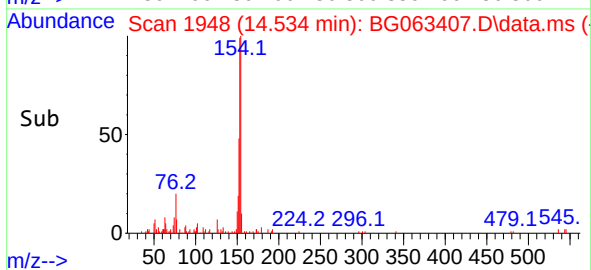
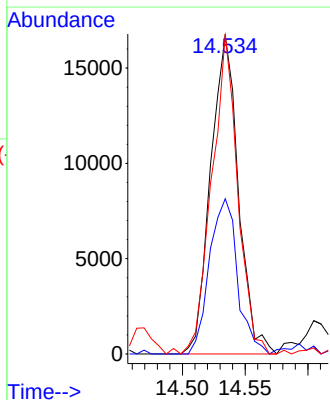
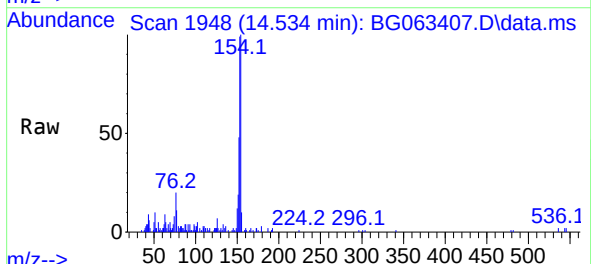
11/15/2024
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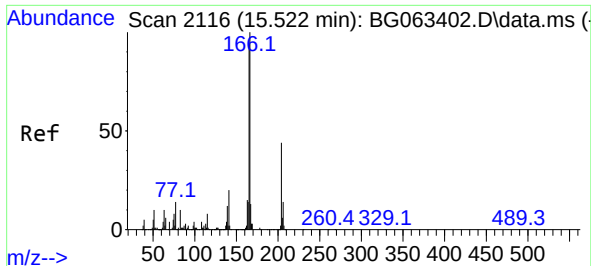
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#52
Acenaphthene
Concen: 1.284 ng/uL m
RT: 14.534 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BG063407.D
Acq: 15 Nov 2024 1:38

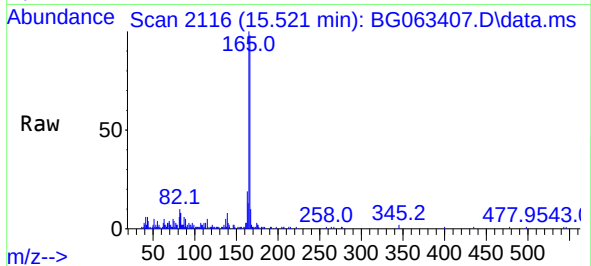
Tgt Ion:153 Resp: 25699
Ion Ratio Lower Upper
153 100
152 48.8 37.8 56.6
154 100.6 71.9 107.9





#61
Fluorene
Concen: 1.497 ng/ul
RT: 15.521 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BG063407.D
Acq: 15 Nov 2024 1:38

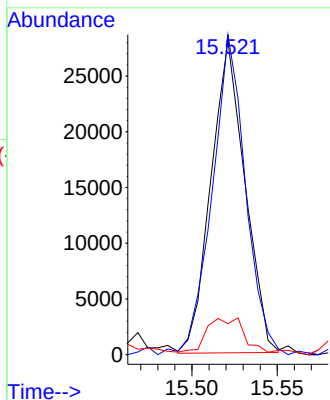
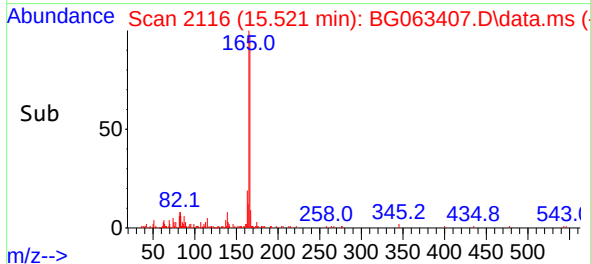
Instrument :
BNA_G
ClientSampleId :
A0AN0



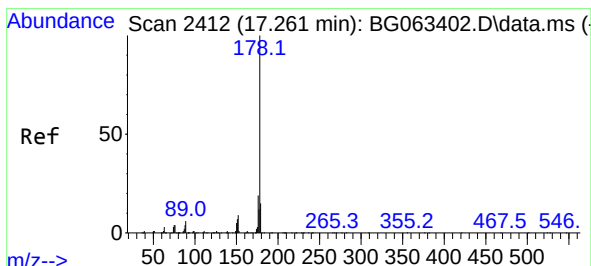
Tgt Ion:166 Resp: 3882
Ion Ratio Lower Upper
166 100
165 101.9 77.9 116.9
167 9.9 11.2 16.8

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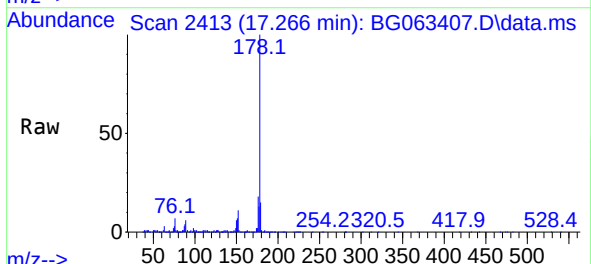
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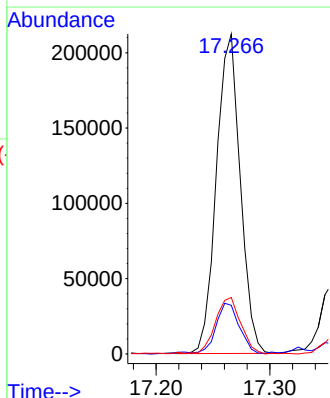
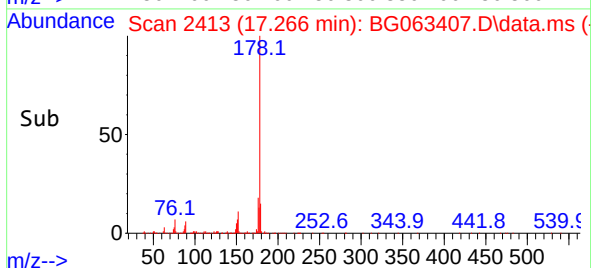
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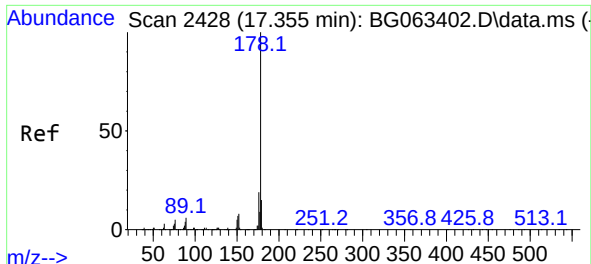


#72
Phenanthrene
Concen: 7.640 ng/ul
RT: 17.266 min Scan# 2413
Delta R.T. 0.001 min
Lab File: BG063407.D
Acq: 15 Nov 2024 1:38



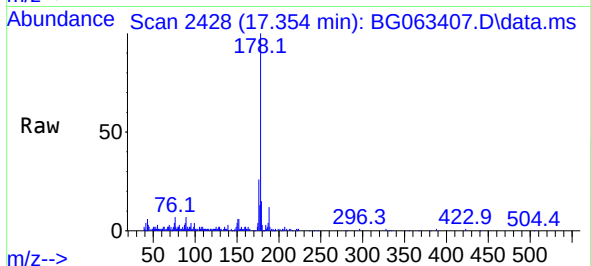
Tgt Ion:178 Resp: 309192
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 17.6 16.0 24.0





#74
 Anthracene
 Concen: 1.682 ng/ul m
 RT: 17.354 min Scan# 2428
 Delta R.T. -0.005 min
 Lab File: BG063407.D
 Acq: 15 Nov 2024 1:38

Instrument :
 BNA_G
 ClientSampleId :
 A0AN0



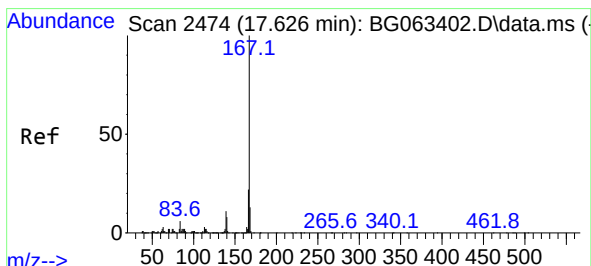
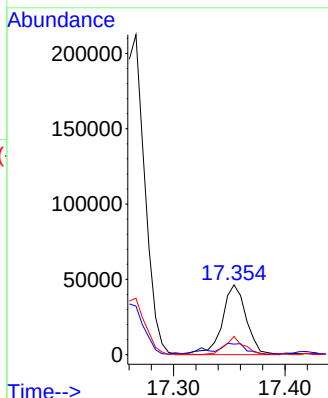
Tgt Ion:178 Resp: 69715
 Ion Ratio Lower Upper
 178 100
 179 15.1 13.7 20.5
 176 26.2 16.1 24.1

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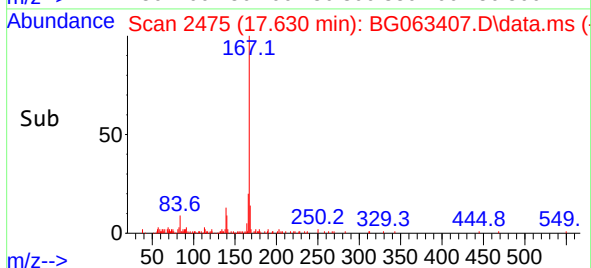
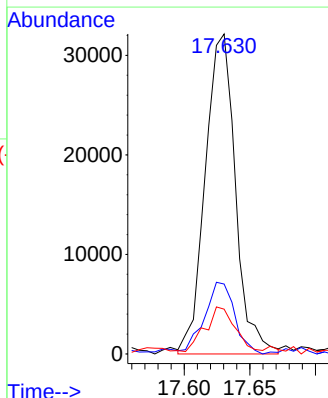
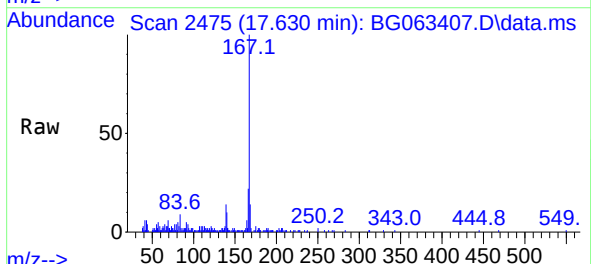
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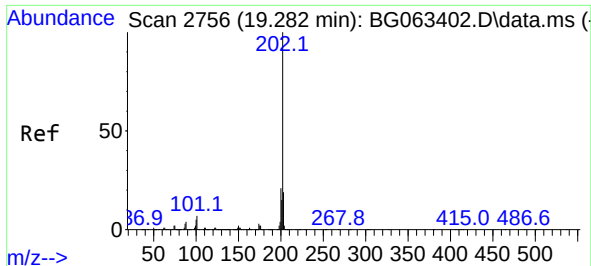
11/18/2024



#77
 Carbazole
 Concen: 1.495 ng/ul
 RT: 17.630 min Scan# 2475
 Delta R.T. 0.001 min
 Lab File: BG063407.D
 Acq: 15 Nov 2024 1:38

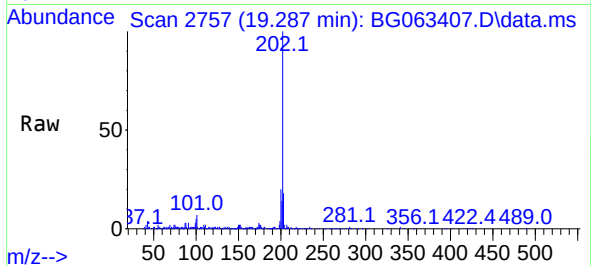
Tgt Ion:167 Resp: 51473
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.0 9.5 14.3





#80
Fluoranthene
Concen: 3.173 ng/u1
RT: 19.287 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG063407.D
Acq: 15 Nov 2024 1:38

Instrument :
BNA_G
ClientSampleId :
A0AN0



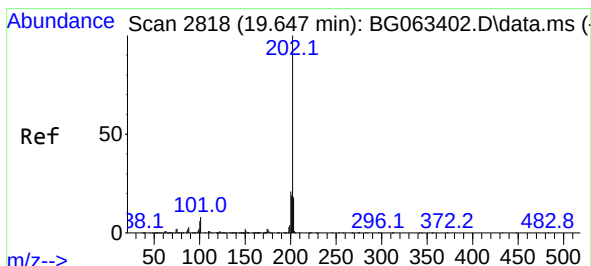
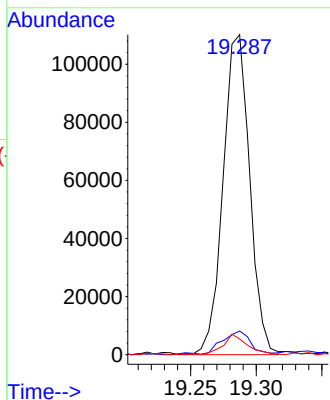
Tgt Ion:202 Resp: 155379
Ion Ratio Lower Upper
202 100
101 7.4 4.7 7.1#
100 4.9 3.4 5.0#

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#82
Pyrene
Concen: 2.002 ng/u1
RT: 19.652 min Scan# 2819
Delta R.T. 0.001 min
Lab File: BG063407.D
Acq: 15 Nov 2024 1:38

Tgt Ion:202 Resp: 103898
Ion Ratio Lower Upper
202 100
101 8.6 4.9 7.3#
100 14.0 4.4 6.6#

