

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063897.D
 Acq On : 28 Dec 2024 10:20
 Operator : RC/JU
 Sample : P5351-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2925

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 29 23:59:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	103600	20.000	ng/u1	0.00
20) Naphthalene-d8	10.590	136	445373	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	324651	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.194	188	754164	20.000	ng/u1	0.00
79) Chrysene-d12	21.448	240	748205	20.000	ng/u1	0.01
88) Perylene-d12	24.468	264	766915	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	10142	3.836	ng/uL	0.00
4) Pyridine-d5	3.669	84	138737	16.636	ng/u1	0.00
7) Phenol-d5	6.983	99	188385	19.744	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	124907	18.954	ng/u1	0.00
11) 2-Chlorophenol-d4	7.335	132	122473	19.827	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	143634	19.389	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	67112	21.104	ng/u1	0.00
24) 2-Nitrophenol-d4	9.674	143	74068	20.779	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.226	165	139925	20.275	ng/u1	0.00
31) 4-Chloroaniline-d4	10.725	131	153409m	17.507	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	497475	22.519	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	554088	22.003	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	58572m	18.713	ng/u1	0.02
60) Fluorene-d10	15.438	176	419568	21.481	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	44342m	11.324	ng/u1	0.01
73) Anthracene-d10	17.294	188	712136	21.963	ng/u1	0.00
81) Pyrene-d10	19.597	212	771234	19.808	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.263	264	628671	17.456	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.235	178	80626	2.218	ng/u1	96
80) Fluoranthene	19.263	202	134465	3.039	ng/u1	99
82) Pyrene	19.621	202	115364	2.450	ng/u1#	93
85) Benzo(a)anthracene	21.431	228	61381	1.309	ng/u1	95
87) Chrysene	21.489	228	57485	1.286	ng/u1	97
90) Benzo(b)fluoranthene	23.516	252	66520	1.526	ng/u1	99
93) Benzo(a)pyrene	24.327	252	53318m	1.303	ng/u1	

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

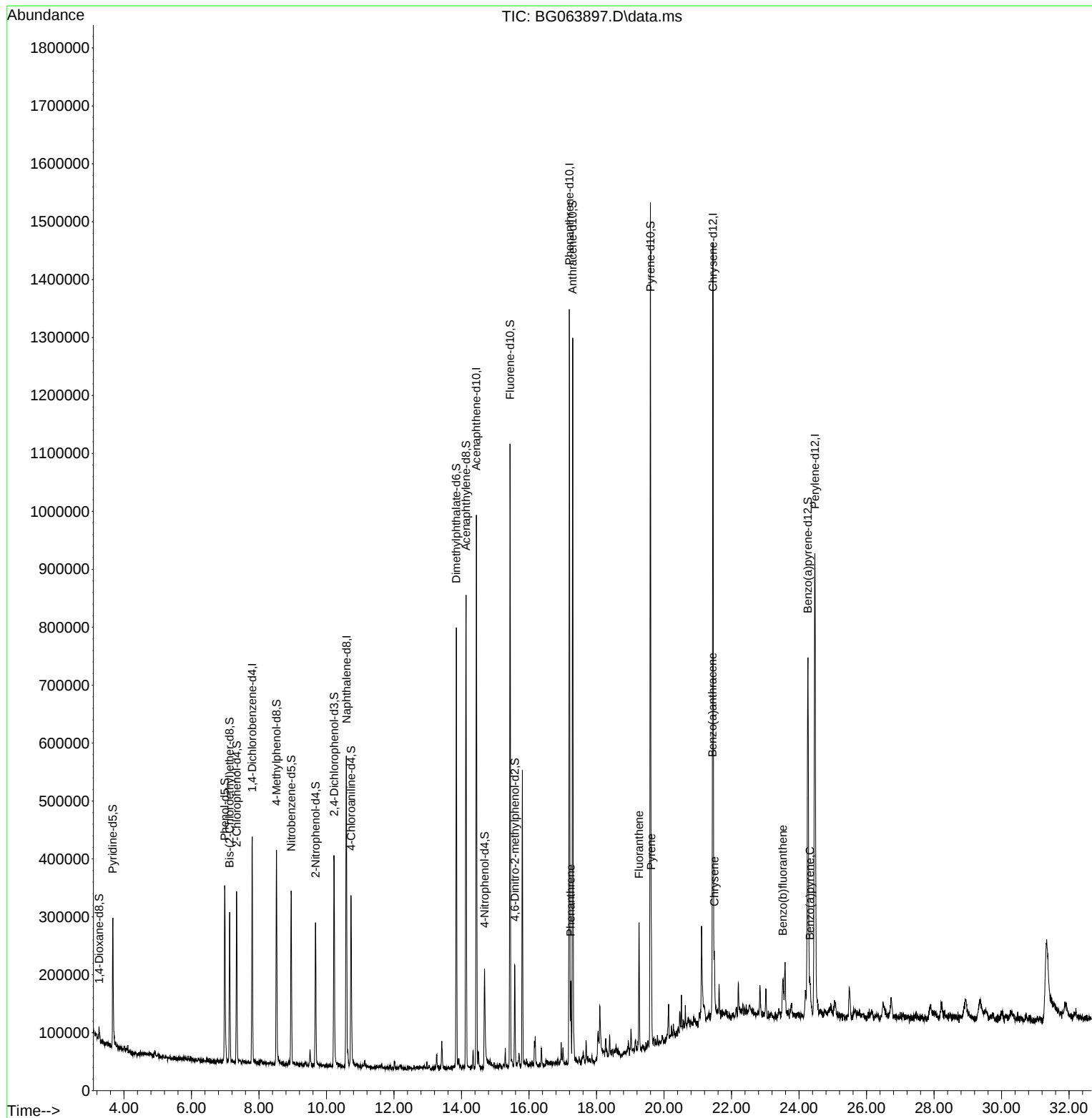
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063897.D
Acq On : 28 Dec 2024 10:20
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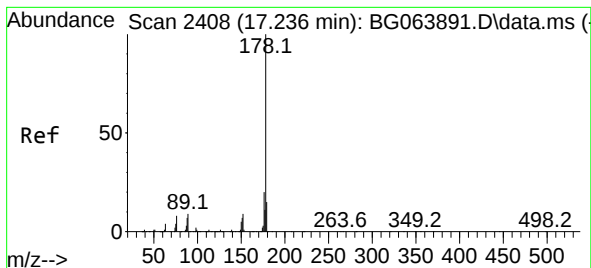
Instrument :
BNA_G
ClientSampleId :
E2925

Quant Time: Dec 29 23:59:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
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#72

Phenanthrene

Concen: 2.218 ng/ul

RT: 17.235 min Scan# 2408

Delta R.T. 0.006 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

Instrument :

BNA_G

ClientSampleId :

E2925

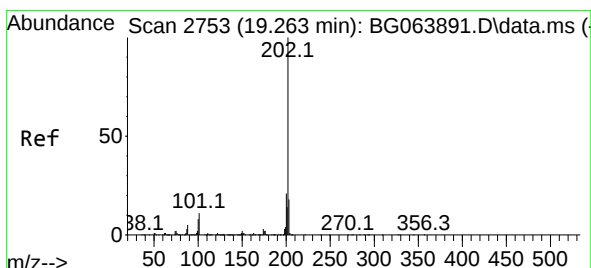
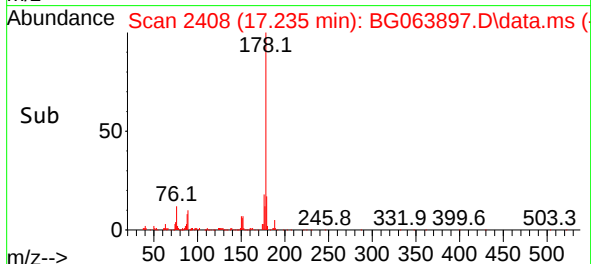
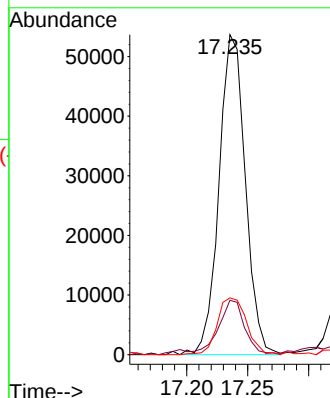
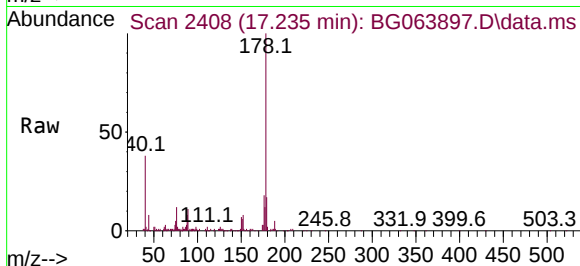
Tgt Ion:	178	Resp:	80620
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.2	18.2
176	17.7	15.8	23.6

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#80

Fluoranthene

Concen: 3.039 ng/ul

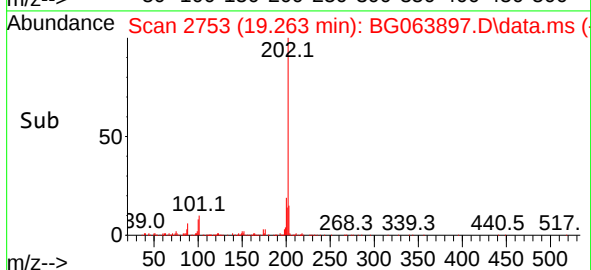
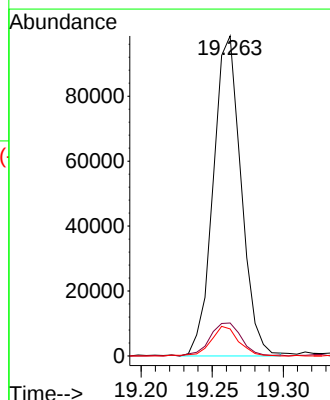
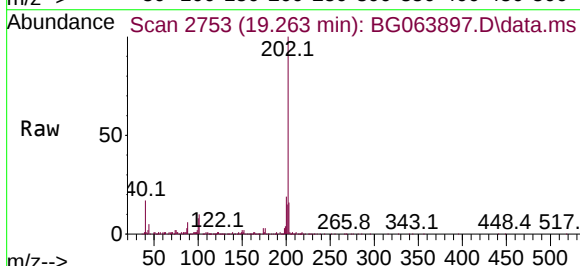
RT: 19.263 min Scan# 2753

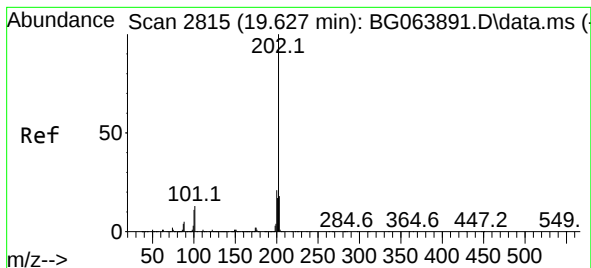
Delta R.T. 0.012 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

Tgt Ion:	202	Resp:	134465
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.1	12.1
100	8.4	6.5	9.7





#82

Pyrene

Concen: 2.450 ng/ul

RT: 19.621 min Scan# 2815

Delta R.T. 0.006 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

Instrument :

BNA_G

ClientSampleId :

E2925

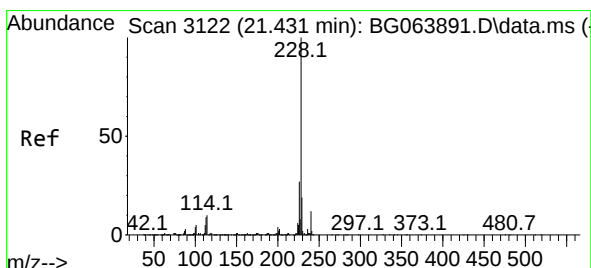
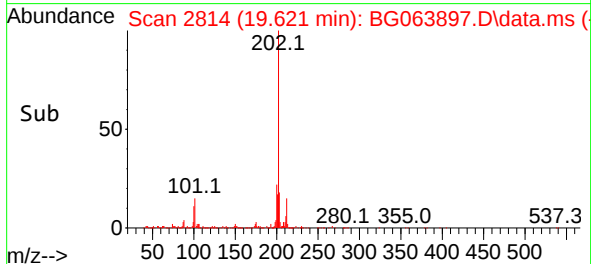
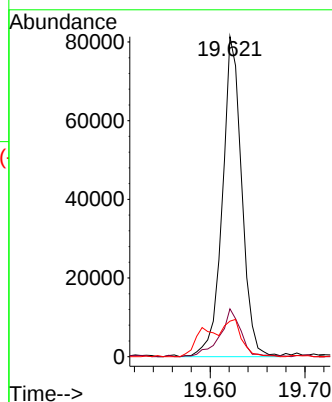
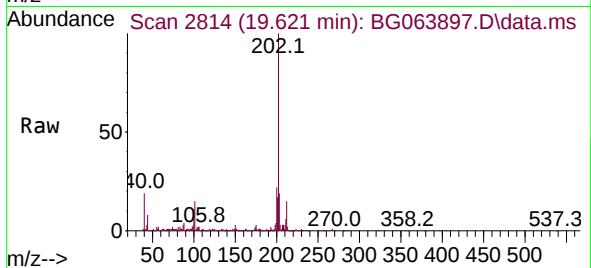
Tgt Ion:	202	Resp:	11536
Ion Ratio	Lower	Upper	
202	100		
101	14.9	8.7	13.1
100	11.1	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 1.309 ng/ul

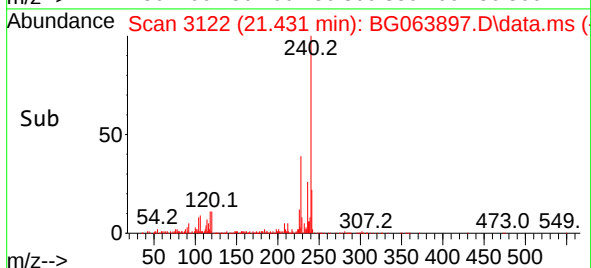
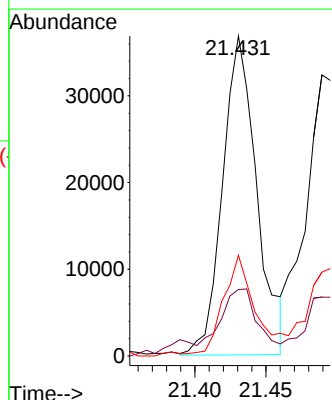
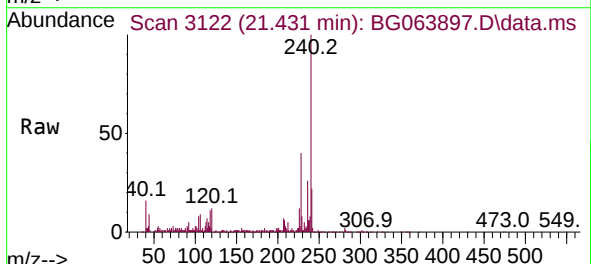
RT: 21.431 min Scan# 3122

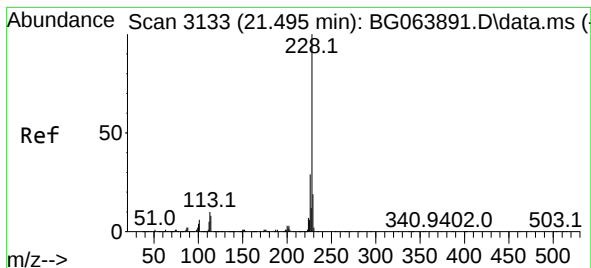
Delta R.T. 0.012 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

Tgt Ion:	228	Resp:	61381
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.7	23.5
226	31.4	22.0	33.0





#87

Chrysene

Concen: 1.286 ng/ul

RT: 21.489 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

Instrument :

BNA_G

ClientSampleId :

E2925

Tgt Ion:228 Resp: 5748

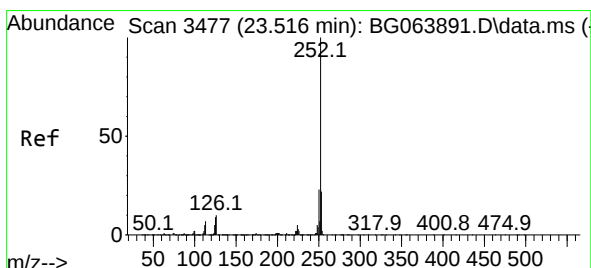
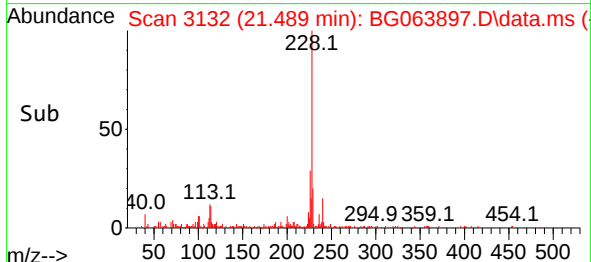
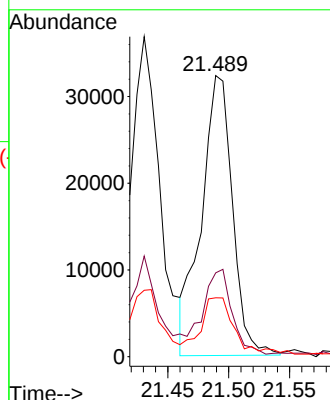
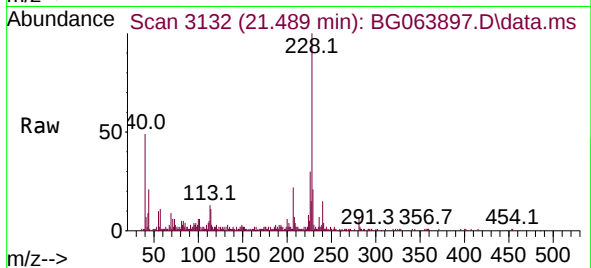
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	20.9	14.8	22.2

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#90

Benzo(b)fluoranthene

Concen: 1.526 ng/ul

RT: 23.516 min Scan# 3477

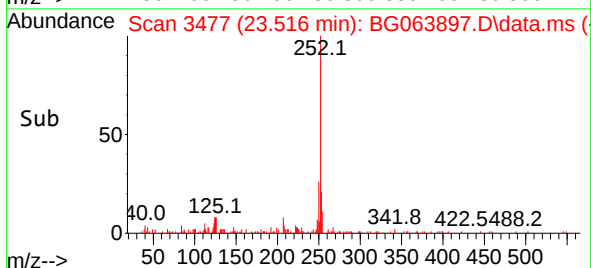
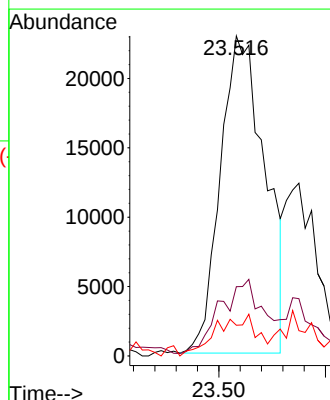
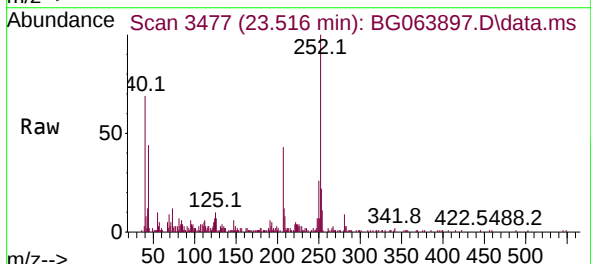
Delta R.T. 0.017 min

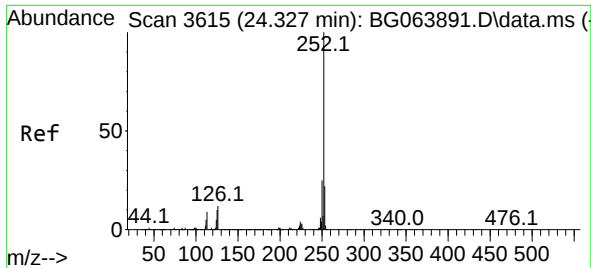
Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

Tgt Ion:252 Resp: 66520

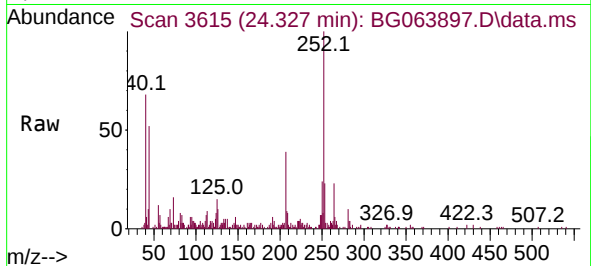
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.6	7.0	10.4





#93
Benzo(a)pyrene
Concen: 1.303 ng/ul m
RT: 24.327 min Scan# 30
Delta R.T. 0.023 min
Lab File: BG063897.D
Acq: 28 Dec 2024 10:20

Instrument :
BNA_G
ClientSampleId :
E2925



Tgt Ion:252 Resp: 53318
Ion Ratio Lower Upper
252 100
253 23.4 16.6 24.8
125 14.7 8.0 12.0

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