

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063211.D
 Acq On : 7 Nov 2024 20:43
 Operator : RC/JU
 Sample : P4585-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4ED8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 23:41:06 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	86075	20.000	ng/u1	0.00
20) Naphthalene-d8	10.627	136	403570	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	383370	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.225	188	907755	20.000	ng/u1	0.00
79) Chrysene-d12	21.479	240	960321	20.000	ng/u1	0.00
88) Perylene-d12	24.517	264	1029721	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	2707	1.422	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.014	99	68946	8.877	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.172	67	38291	8.405	ng/u1	0.00
11) 2-Chlorophenol-d4	7.372	132	50707	10.058	ng/u1	0.00
15) 4-Methylphenol-d8	8.547	113	50403	7.656	ng/u1	0.00
21) Nitrobenzene-d5	8.994	128	24680	8.699	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	33373m	9.101	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	65728	9.134	ng/u1	0.00
31) 4-Chloroaniline-d4	10.768	131	37441m	3.994	ng/u1	0.00
46) Dimethylphthalate-d6	13.882	166	254893	8.488	ng/u1	0.00
49) Acenaphthylene-d8	14.170	160	259656	8.834	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	24865m	6.048	ng/u1	0.00
60) Fluorene-d10	15.468	176	241386	9.524	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	28535	5.002	ng/u1	0.00
73) Anthracene-d10	17.325	188	410199	10.514	ng/u1	0.00
81) Pyrene-d10	19.622	212	408806	8.491	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.305	264	281664	5.665	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.659	105	57739	5.447	ng/u1	97
72) Phenanthrene	17.266	178	67014	1.616	ng/u1	98
80) Fluoranthene	19.287	202	162322	3.119	ng/u1	98
82) Pyrene	19.652	202	87339	1.583	ng/u1#	98
85) Benzo(a)anthracene	21.461	228	69052	1.137	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.379	149	47198	2.010	ng/u1#	95
87) Chrysene	21.520	228	73243m	1.293	ng/u1	
90) Benzo(b)fluoranthene	23.559	252	91852	1.483	ng/u1#	91

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

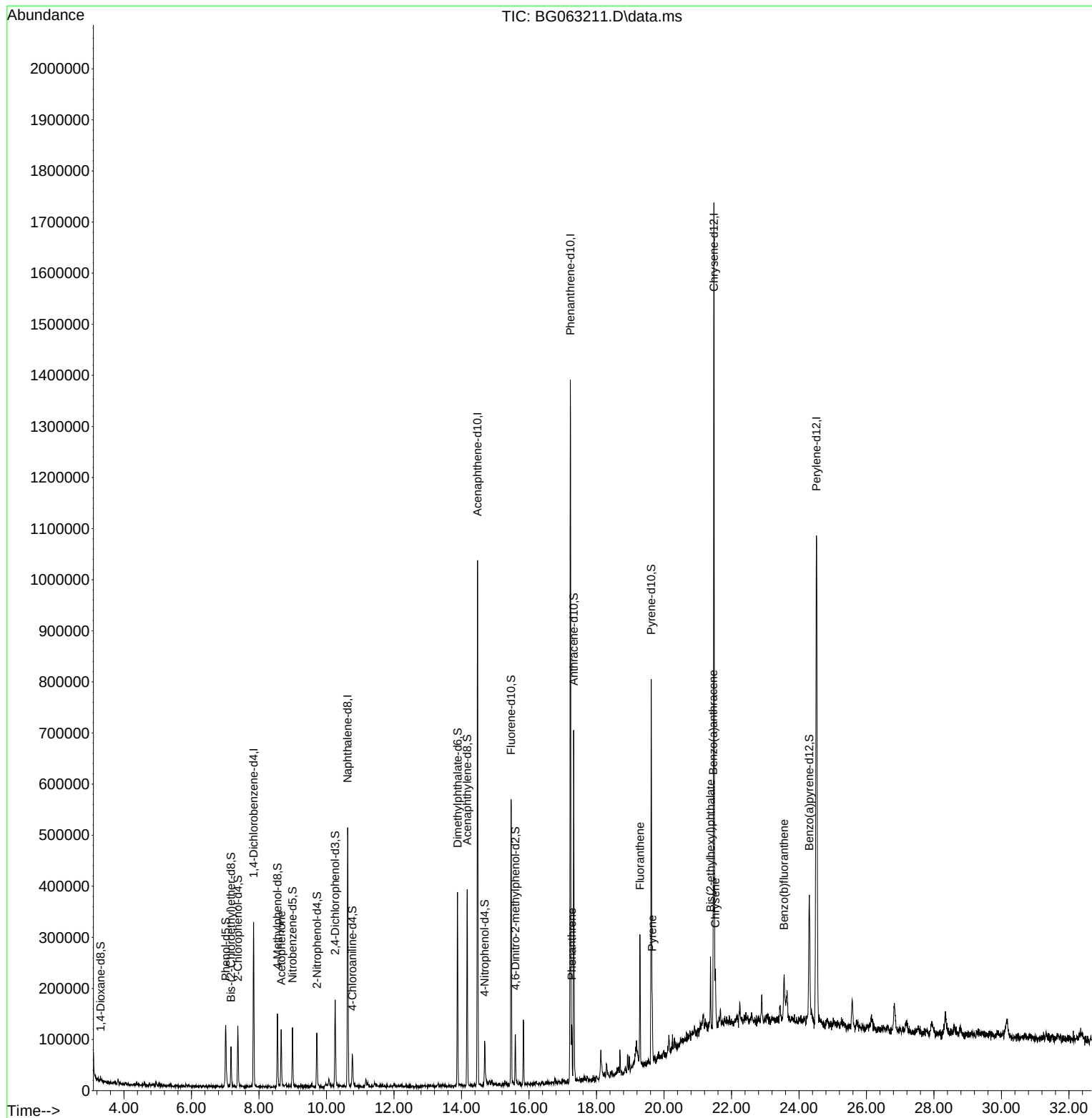
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063211.D
Acq On : 7 Nov 2024 20:43
Operator : RC/JU
Sample : P4585-04
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ALS Vial : 7 Sample Multiplier: 1

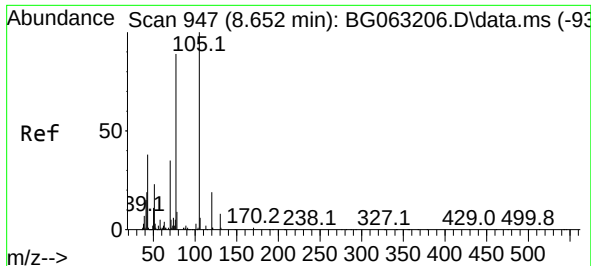
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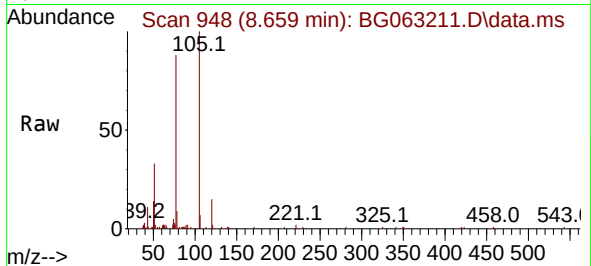
Quant Time: Nov 07 23:41:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 5.447 ng/ul
RT: 8.659 min Scan# 947
Delta R.T. 0.001 min
Lab File: BG063211.D
Acq: 7 Nov 2024 20:43

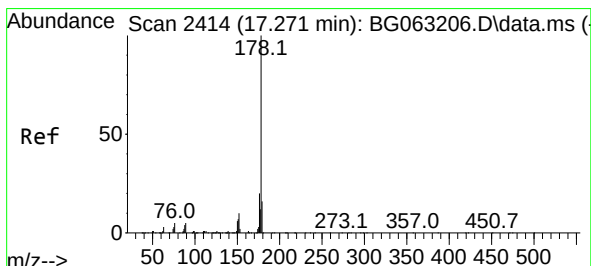
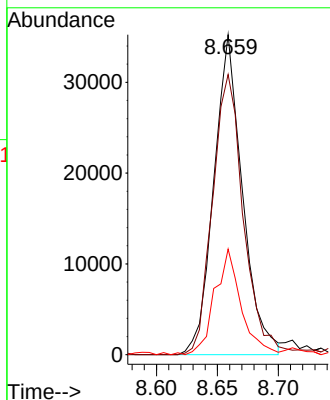
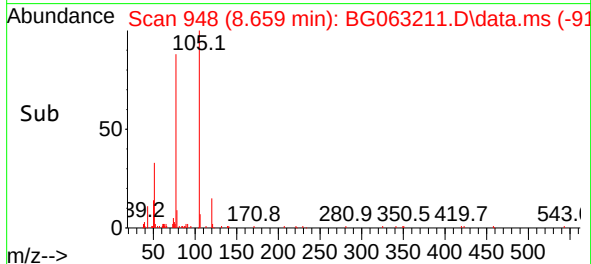
Instrument :
BNA_G
ClientSampleId :
A4ED8



Tgt Ion:105 Resp: 57739
Ion Ratio Lower Upper
105 100
77 87.5 68.0 102.0
51 33.0 24.3 36.5

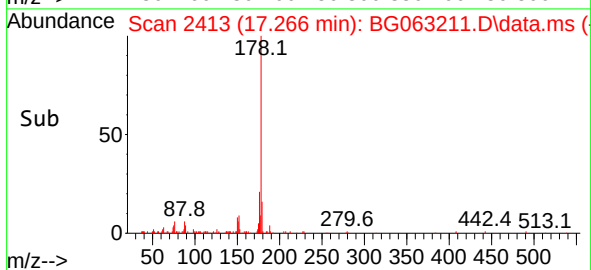
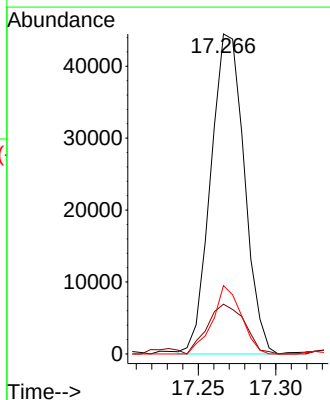
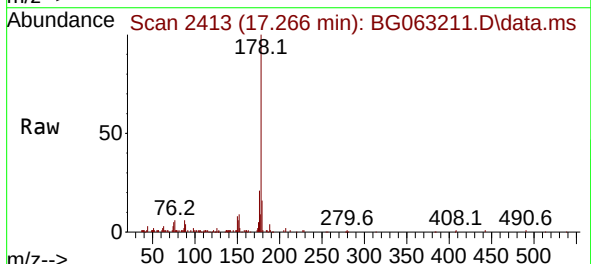
Manual Integrations
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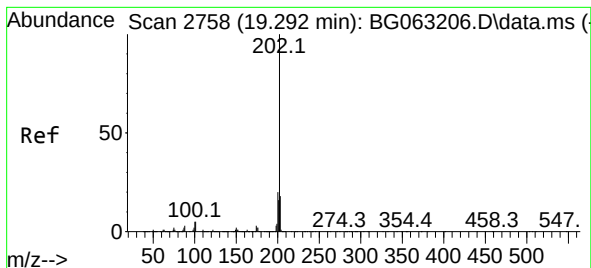
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#72
Phenanthrene
Concen: 1.616 ng/ul
RT: 17.266 min Scan# 2413
Delta R.T. 0.001 min
Lab File: BG063211.D
Acq: 7 Nov 2024 20:43

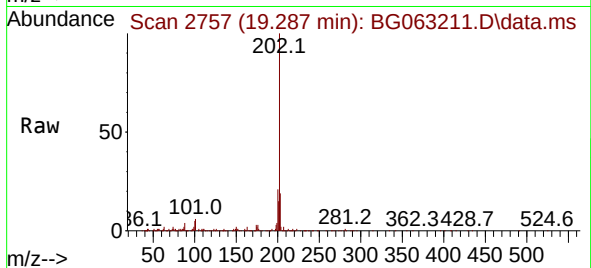
Tgt Ion:178 Resp: 67014
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 21.3 16.0 24.0





#80
Fluoranthene
Concen: 3.119 ng/ul
RT: 19.287 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG063211.D
Acq: 7 Nov 2024 20:43

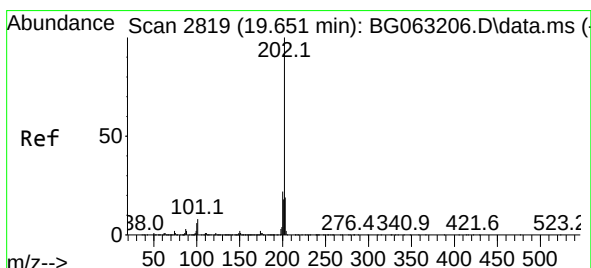
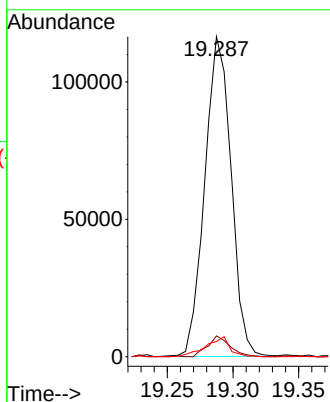
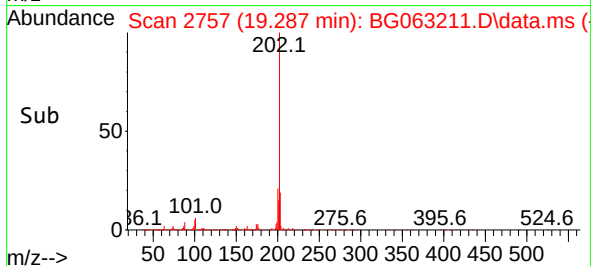
Instrument :
BNA_G
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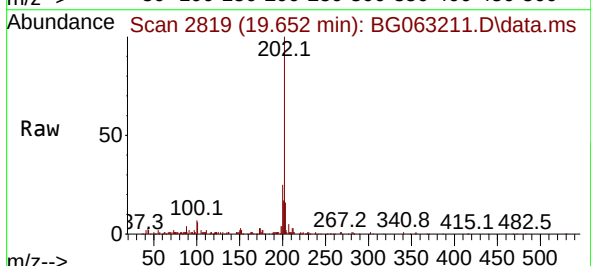
Tgt Ion:202 Resp: 16232
Ion Ratio Lower Upper
202 100
101 6.5 4.7 7.1
100 4.8 3.4 5.0

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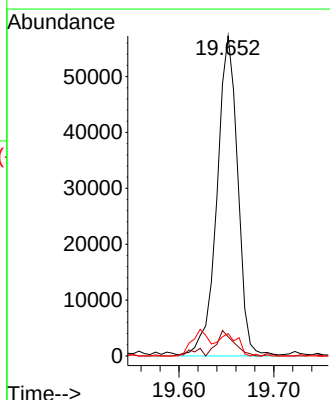
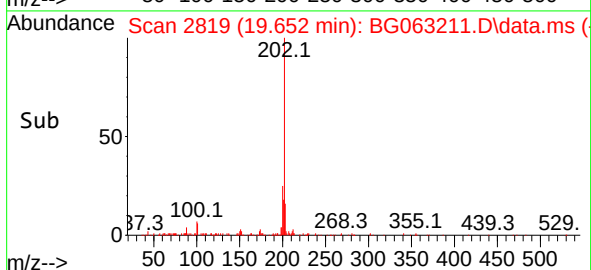
Reviewed By :Yogesh Patel 11/08/2024
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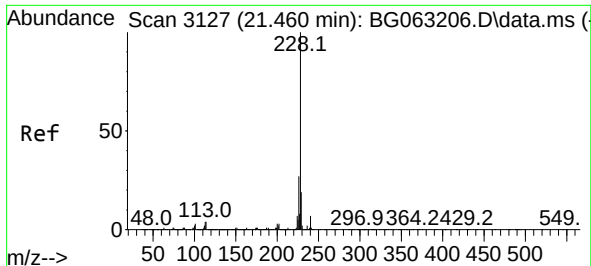


#82
Pyrene
Concen: 1.583 ng/ul
RT: 19.652 min Scan# 2819
Delta R.T. 0.001 min
Lab File: BG063211.D
Acq: 7 Nov 2024 20:43



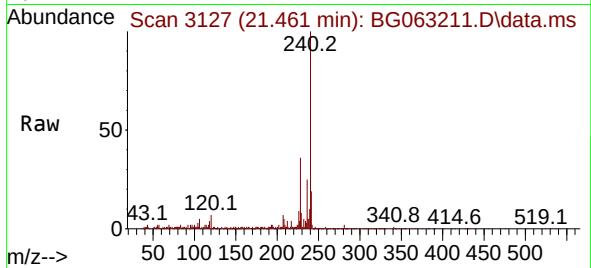
Tgt Ion:202 Resp: 87339
Ion Ratio Lower Upper
202 100
101 6.0 4.9 7.3
100 7.0 4.4 6.6#





#85
Benzo(a)anthracene
Concen: 1.137 ng/ul
RT: 21.461 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BG063211.D
Acq: 7 Nov 2024 20:43

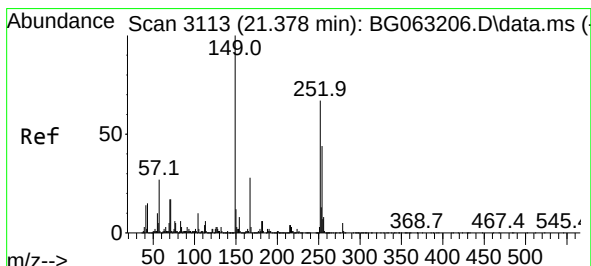
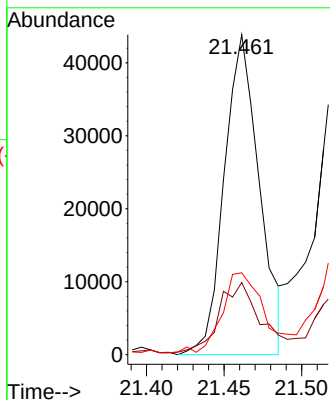
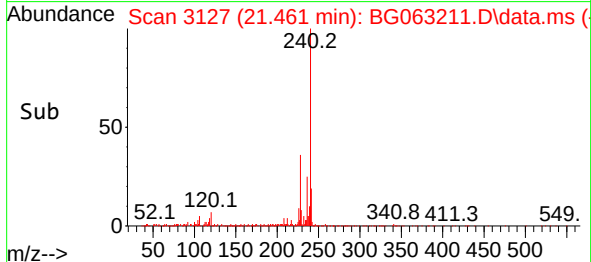
Instrument :
BNA_G
ClientSampleId :
A4ED8



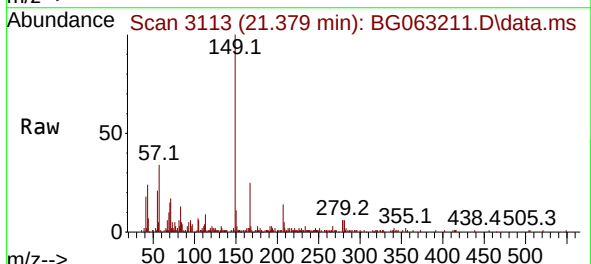
Tgt Ion:228 Resp: 69052
Ion Ratio Lower Upper
228 100
229 22.5 15.9 23.9
226 25.6 21.4 32.2

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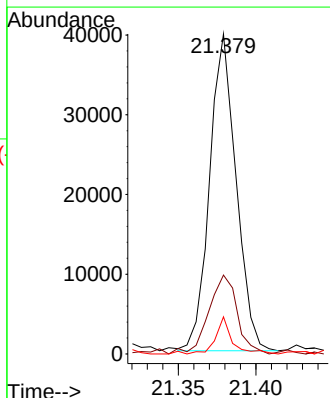
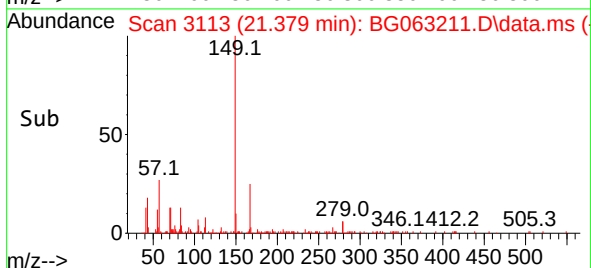
Reviewed By :Yogesh Patel 11/08/2024
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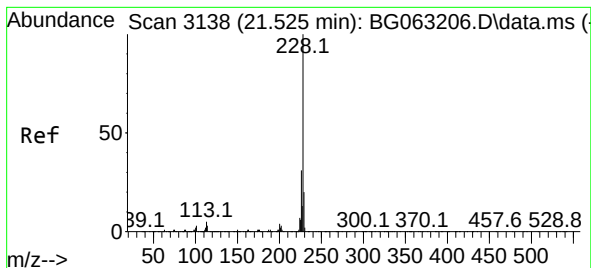


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.010 ng/ul
RT: 21.379 min Scan# 3113
Delta R.T. 0.001 min
Lab File: BG063211.D
Acq: 7 Nov 2024 20:43



Tgt Ion:149 Resp: 47198
Ion Ratio Lower Upper
149 100
167 24.7 20.6 31.0
279 11.6 4.2 6.4





#87

Chrysene

Concen: 1.293 ng/ul m

RT: 21.520 min Scan# 3137

Delta R.T. -0.005 min

Lab File: BG063211.D

Acq: 7 Nov 2024 20:43

Instrument :

BNA_G

ClientSampleId :

A4ED8

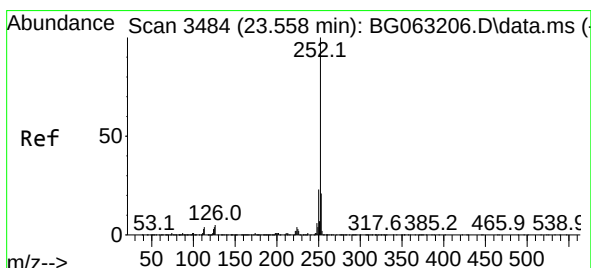
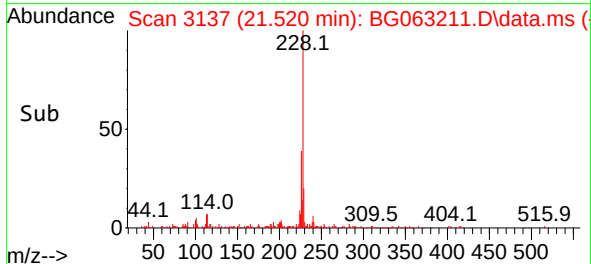
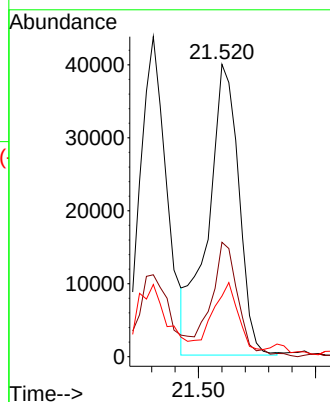
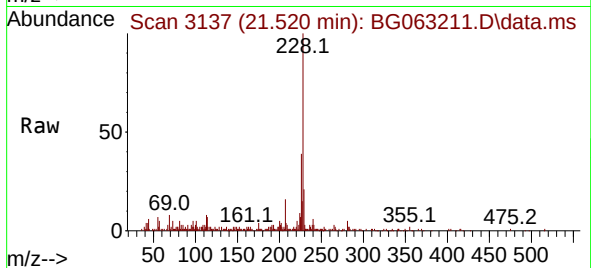
Tgt Ion:	228	Resp:	7324
Ion Ratio	Lower	Upper	
228	100		
226	39.1	24.1	36.1
229	20.7	16.6	24.8

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#90

Benzo(b)fluoranthene

Concen: 1.483 ng/ul

RT: 23.559 min Scan# 3484

Delta R.T. 0.001 min

Lab File: BG063211.D

Acq: 7 Nov 2024 20:43

Tgt Ion:	252	Resp:	91852
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.1	25.7
125	5.1	3.4	5.0

