

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
 Data File : BG063665.D
 Acq On : 12 Dec 2024 13:19
 Operator : RC/JU
 Sample : P5153-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28Q1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 12 22:22:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	220363	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	881724	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.453	164	591564	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.202	188	1192425	20.000	ng/ul	0.00
79) Chrysene-d12	21.462	240	1096881	20.000	ng/ul	# 0.00
88) Perylene-d12	24.512	264	1218166	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.283	96	20104	3.575	ng/uL	0.00
4) Pyridine-d5	3.695	84	233743	13.177	ng/ul	0.00
7) Phenol-d5	6.997	99	435737	21.470	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.144	67	294483	21.009	ng/ul	0.00
11) 2-Chlorophenol-d4	7.349	132	295894	22.520	ng/ul	0.00
15) 4-Methylphenol-d8	8.530	113	325196	20.638	ng/ul	0.00
21) Nitrobenzene-d5	8.971	128	147858	23.486	ng/ul	0.00
24) 2-Nitrophenol-d4	9.688	143	172385	24.428	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	314140	22.992	ng/ul	0.00
31) 4-Chloroaniline-d4	10.745	131	122507m	7.062	ng/ul	0.00
46) Dimethylphthalate-d6	13.859	166	957365	23.784	ng/ul	0.00
49) Acenaphthylene-d8	14.141	160	1138148	24.804	ng/ul	0.00
54) 4-Nitrophenol-d4	14.682	143	85783m	15.041	ng/ul	0.00
60) Fluorene-d10	15.446	176	836701	23.510	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	34647	5.596	ng/ul	0.00
73) Anthracene-d10	17.302	188	1322924	25.805	ng/ul	0.00
81) Pyrene-d10	19.606	212	1471061	25.772	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.300	264	1321824	23.107	ng/ul	0.03
Target Compounds						
					Qvalue	
8) Phenol	7.026	94	27147	1.255	ng/ul#	91
78) Di-n-butylphthalate	18.166	149	66980	1.178	ng/ul#	93
80) Fluoranthene	19.271	202	71265	1.098	ng/ul#	90
82) Pyrene	19.629	202	74877	1.085	ng/ul#	91
87) Chrysene	21.503	228	72938	1.113	ng/ul#	63
90) Benzo(b)fluoranthene	23.560	252	102125m	1.475	ng/ul	

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

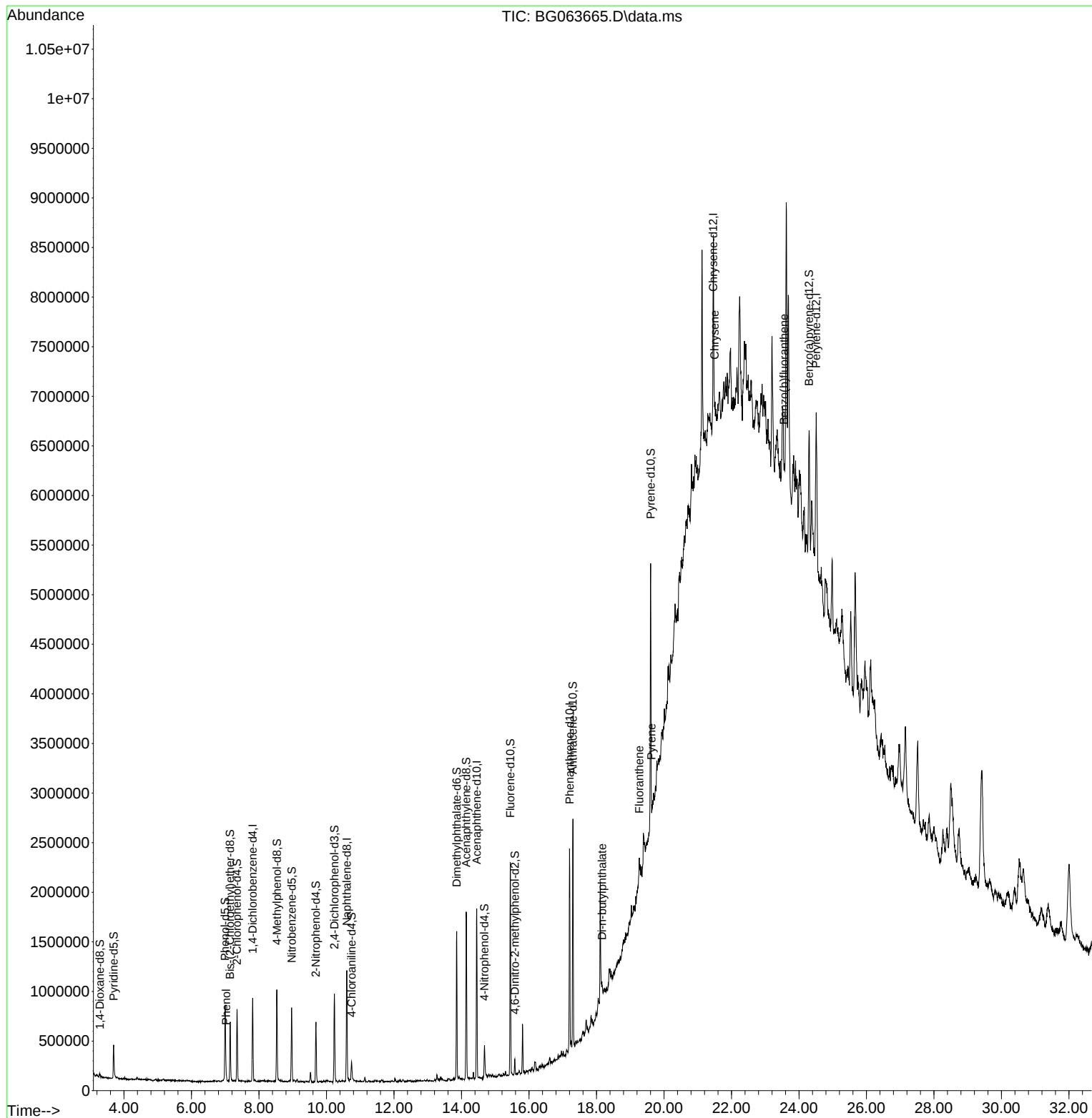
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
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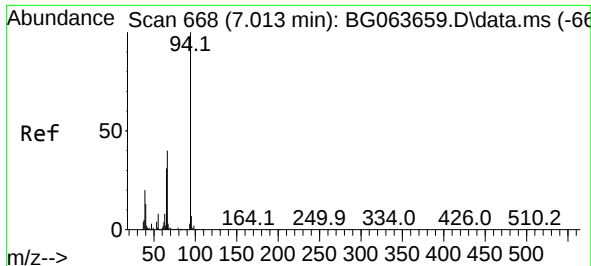
Instrument :
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ClientSampleId :
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Quant Time: Dec 12 22:22:28 2024
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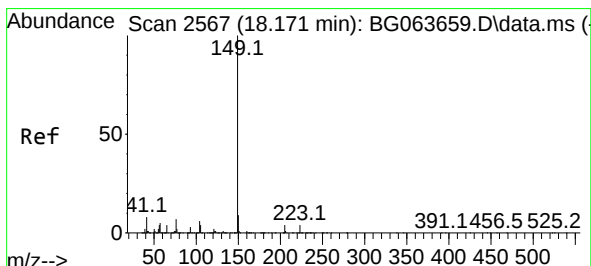
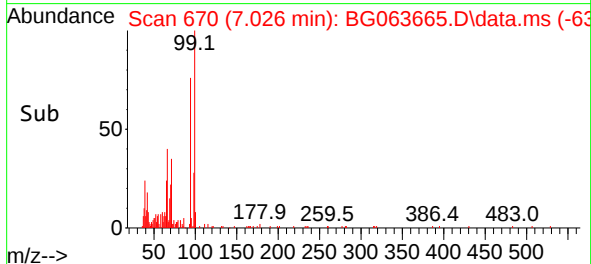
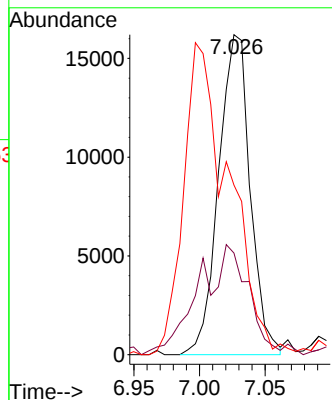
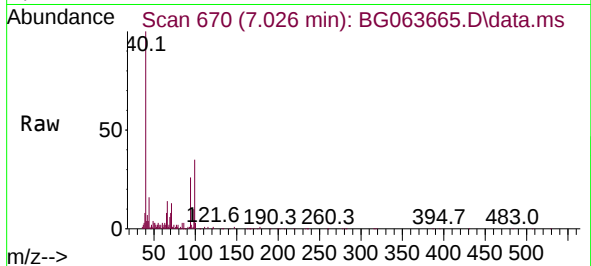
#8
Phenol
Concen: 1.255 ng/ul
RT: 7.026 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG063665.D
Acq: 12 Dec 2024 13:19

Instrument :
BNA_G
ClientSampleId :
E28Q1

Tgt Ion: 94 Resp: 2714
Ion Ratio Lower Upper
94 100
65 31.8 25.6 38.4
66 53.0 34.2 51.2

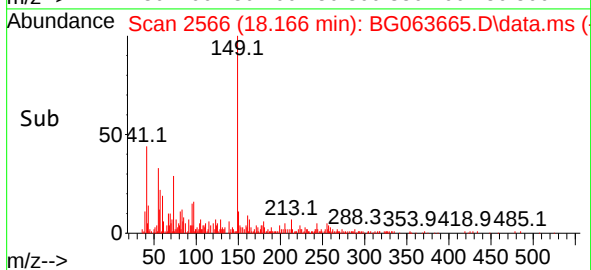
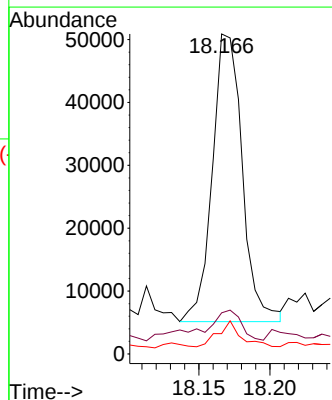
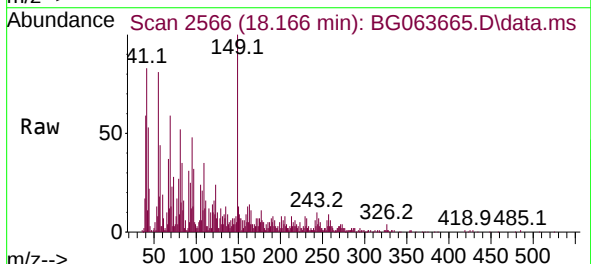
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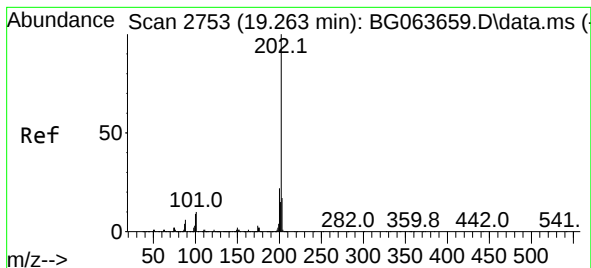
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#78
Di-n-butylphthalate
Concen: 1.178 ng/ul
RT: 18.166 min Scan# 2566
Delta R.T. -0.004 min
Lab File: BG063665.D
Acq: 12 Dec 2024 13:19

Tgt Ion:149 Resp: 66980
Ion Ratio Lower Upper
149 100
150 12.9 7.2 10.8#
104 6.3 5.4 8.0





#80

Fluoranthene

Concen: 1.098 ng/uI

RT: 19.271 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG063665.D

Acq: 12 Dec 2024 13:19

Instrument :

BNA_G

ClientSampleId :

E28Q1

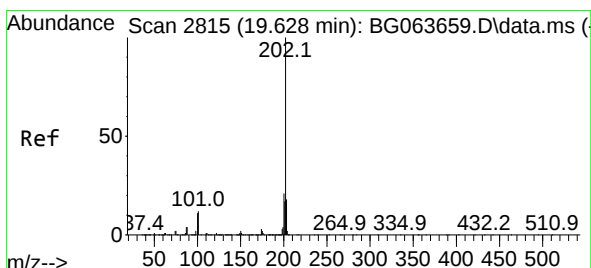
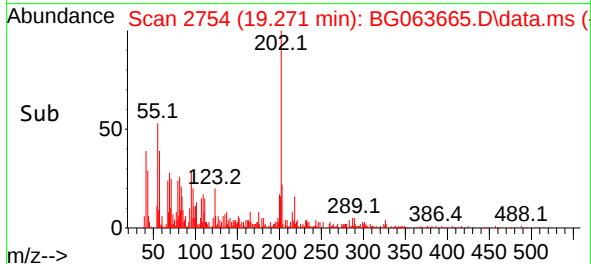
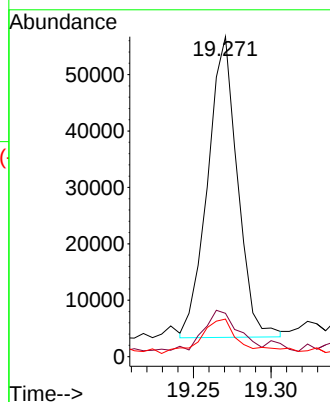
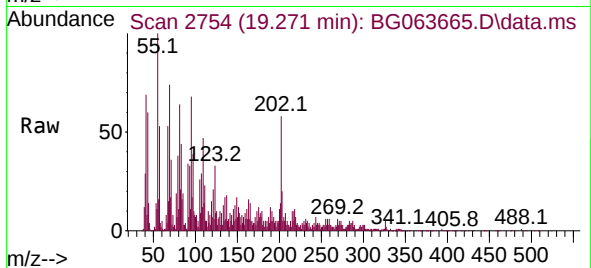
Tgt Ion:	202	Resp:	7126
Ion Ratio	Lower	Upper	
202	100		
101	13.6	8.1	12.1
100	11.7	6.5	9.7

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#82

Pyrene

Concen: 1.085 ng/uI

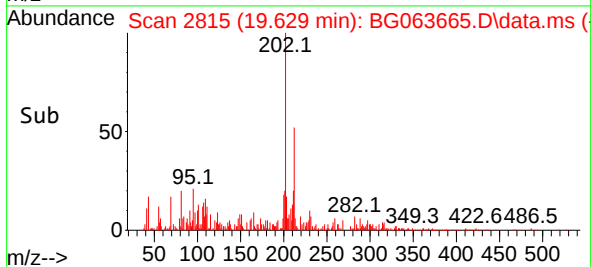
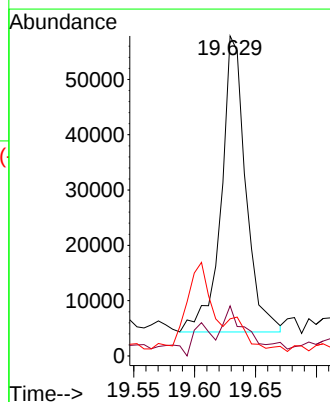
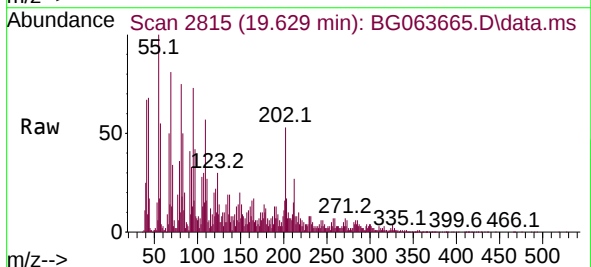
RT: 19.629 min Scan# 2815

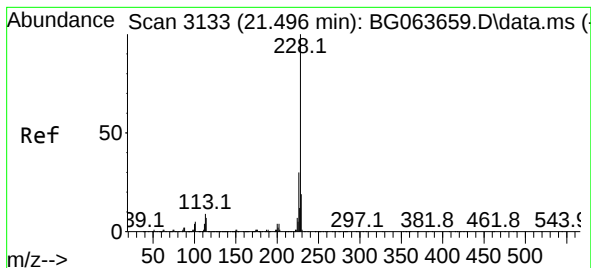
Delta R.T. -0.004 min

Lab File: BG063665.D

Acq: 12 Dec 2024 13:19

Tgt Ion:	202	Resp:	74877
Ion Ratio	Lower	Upper	
202	100		
101	15.6	8.7	13.1
100	11.6	7.8	11.6





#87

Chrysene

Concen: 1.113 ng/ul

RT: 21.503 min Scan# 3133

Delta R.T. 0.002 min

Lab File: BG063665.D

Acq: 12 Dec 2024 13:19

Instrument :

BNA_G

ClientSampleId :

E28Q1

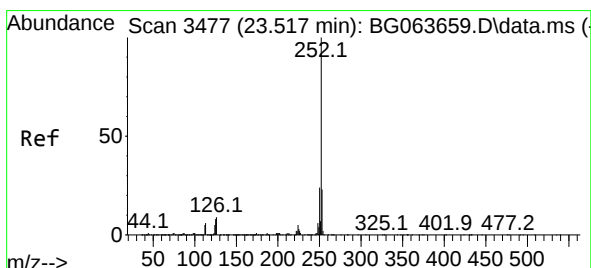
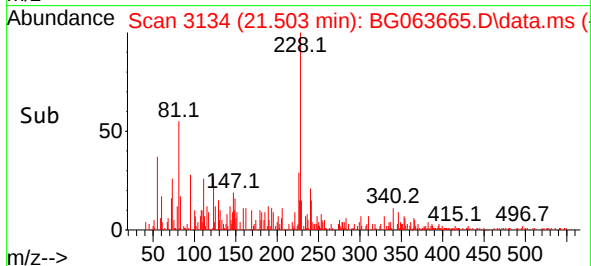
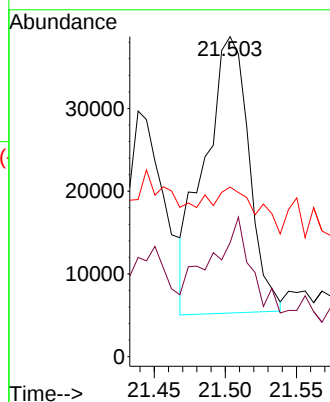
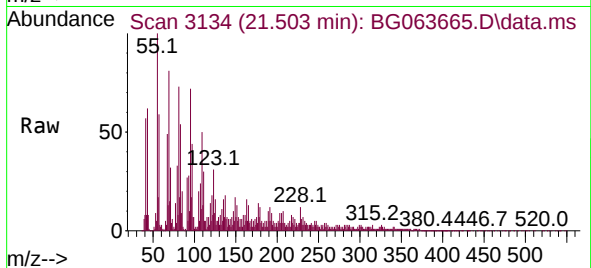
Tgt Ion:	228	Resp:	72938
Ion Ratio	Lower	Upper	
228	100		
226	35.6	23.4	35.0
229	53.0	14.8	22.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 1.475 ng/ul m

RT: 23.560 min Scan# 3484

Delta R.T. 0.037 min

Lab File: BG063665.D

Acq: 12 Dec 2024 13:19

Tgt Ion:	252	Resp:	102125
Ion Ratio	Lower	Upper	
252	100		
253	43.6	17.7	26.5
125	113.4	7.0	10.4

