

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM033027.D
 Acq On : 12 Nov 2021 15:13
 Operator : CG/JU
 Sample : M4615-05
 Misc :
 ALS Vial : 123 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V04

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 12 16:02:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 11 13:40:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.479	152	2708	0.400	ng/ul	0.02
4) Naphthalene-d8	10.239	136	11307	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	4830	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	7925	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.057	240	6068	0.400	ng/ul	# 0.00
23) Perylene-d12	23.164	264	5227	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.874	96	5484	1.586	ng/ul	0.01
6) 2-Methylnaphthalene-d10	11.836	152	1800	0.112	ng/ul	0.00
18) Fluoranthene-d10	18.900	212	2449	0.133	ng/ul	0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.284	128	1432	0.044	ng/ul#	79
14) Pentachlorophenol	16.543	266	88	0.043	ng/ul	98
15) Phenanthrene	16.900	178	932	0.035	ng/ul#	69
19) Fluoranthene	18.934	202	1191	0.042	ng/ul#	1
20) Pyrene	19.293	202	808	0.027	ng/ul#	31
22) Chrysene	21.091	228	627	0.025	ng/ul#	44
24) Benzo(b)fluoranthene	22.541	252	628m	0.026	ng/ul	

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

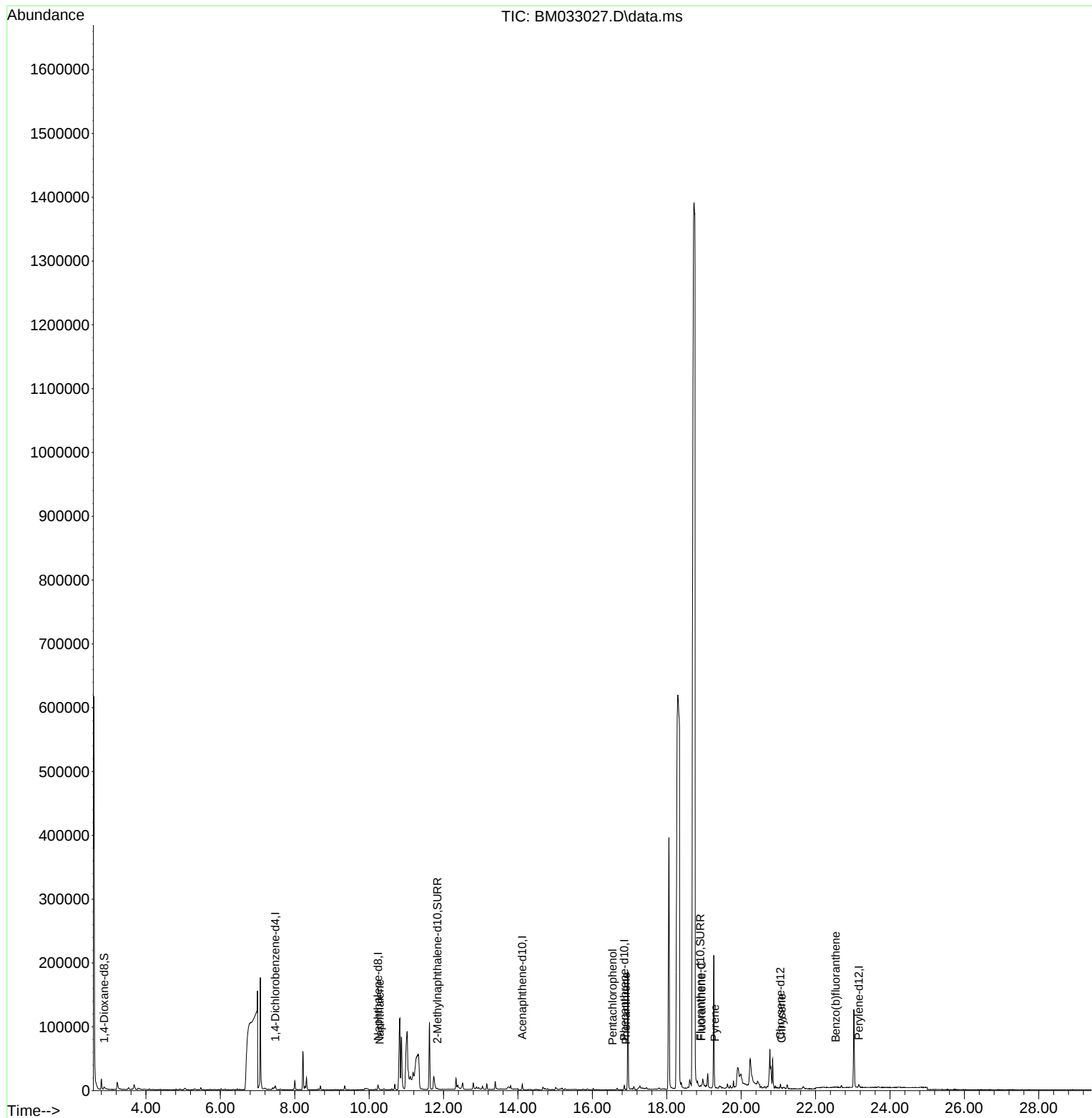
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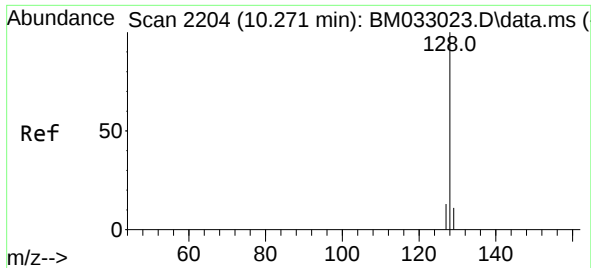
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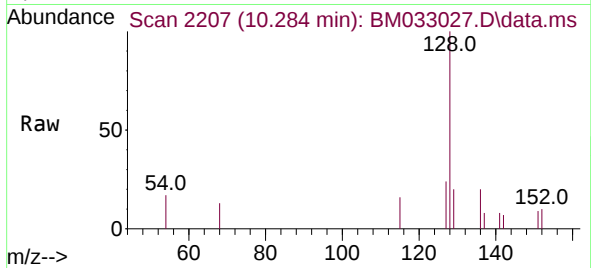
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#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.284 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BM033027.D
Acq: 12 Nov 2021 15:13

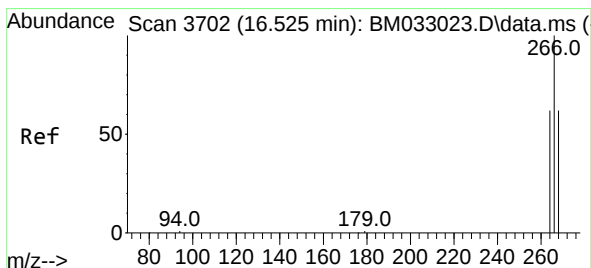
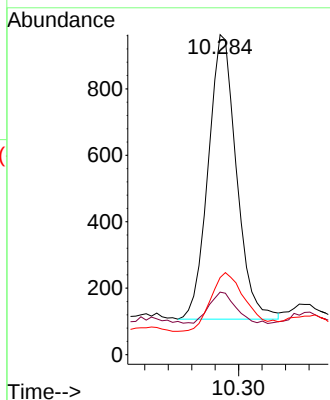
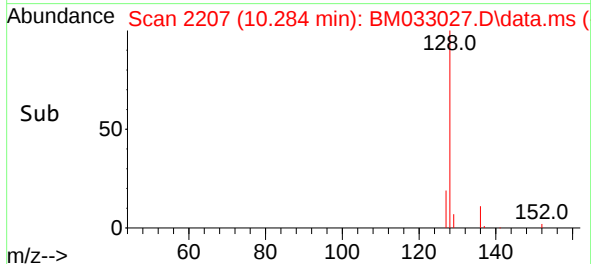
Instrument :
BNA_M
ClientSampleId :
C0V04



Tgt Ion:128 Resp: 143
Ion Ratio Lower Upper
128 100
129 19.5 9.8 14.6
127 24.1 11.8 17.8

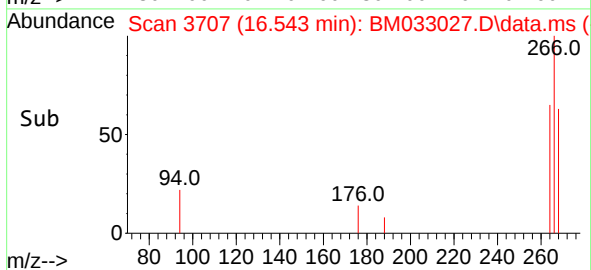
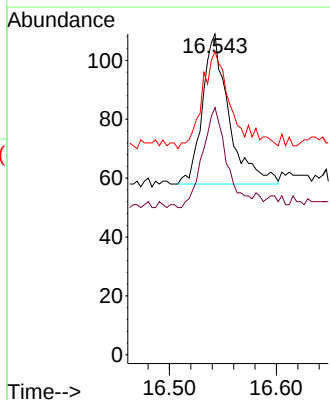
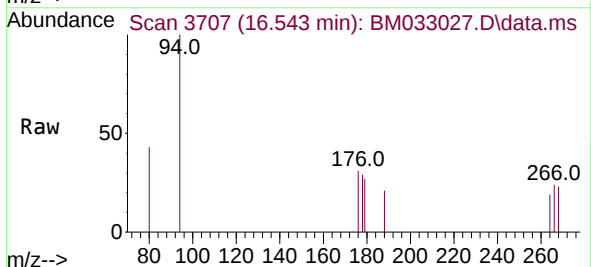
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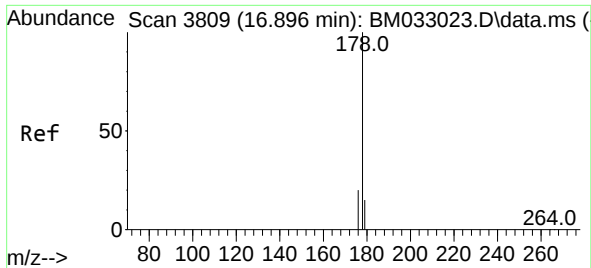
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Supervised By :mohammad ahmed 11/17/2021



#14
Pentachlorophenol
Concen: 0.043 ng/ul
RT: 16.543 min Scan# 3707
Delta R.T. 0.011 min
Lab File: BM033027.D
Acq: 12 Nov 2021 15:13

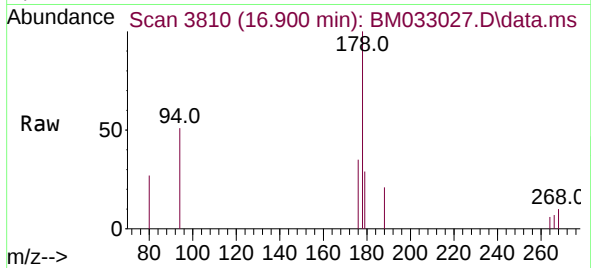
Tgt Ion:266 Resp: 88
Ion Ratio Lower Upper
266 100
264 63.6 51.2 76.8
268 63.6 52.9 79.3





#15
Phenanthrene
Concen: 0.035 ng/u1
RT: 16.900 min Scan# 3810
Delta R.T. 0.000 min
Lab File: BM033027.D
Acq: 12 Nov 2021 15:13

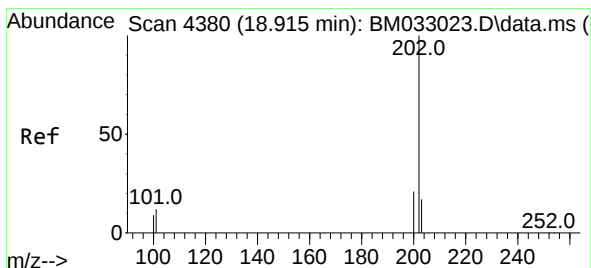
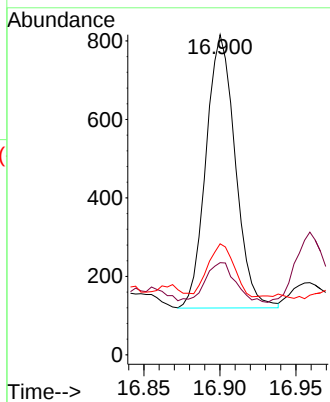
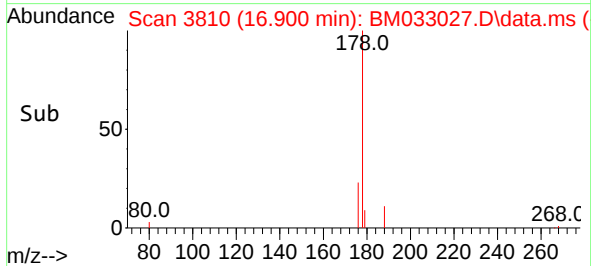
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Tgt Ion:178 Resp: 932
Ion Ratio Lower Upper
178 100
179 28.8 12.9 19.3#
176 34.7 16.0 24.0#

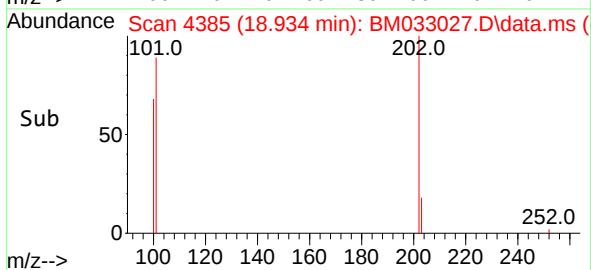
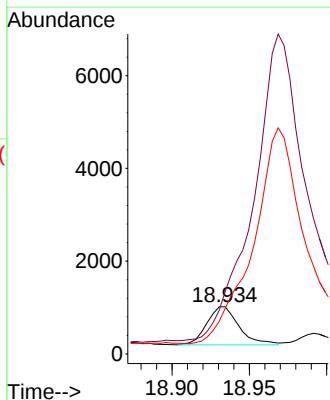
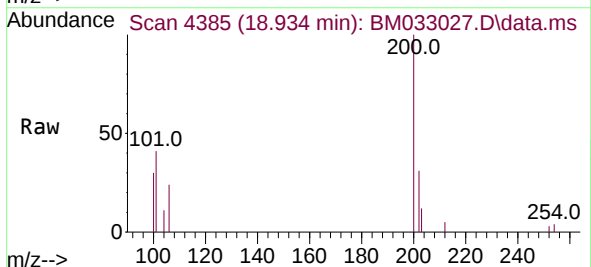
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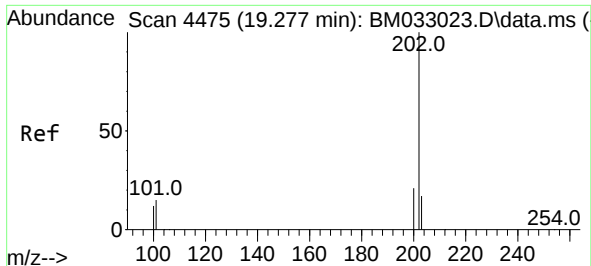
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#19
Fluoranthene
Concen: 0.042 ng/u1
RT: 18.934 min Scan# 4385
Delta R.T. 0.016 min
Lab File: BM033027.D
Acq: 12 Nov 2021 15:13

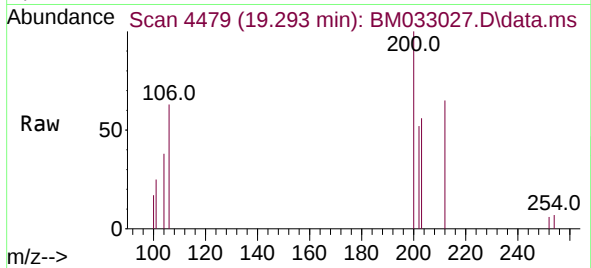
Tgt Ion:202 Resp: 1191
Ion Ratio Lower Upper
202 100
101 131.6 9.9 14.9#
100 95.9 7.3 10.9#





#20
Pyrene
Concen: 0.027 ng/u1
RT: 19.293 min Scan# 4475
Delta R.T. 0.012 min
Lab File: BM033027.D
Acq: 12 Nov 2021 15:13

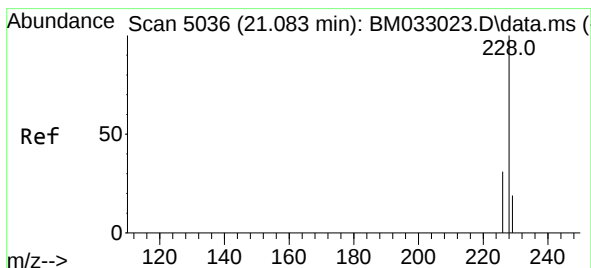
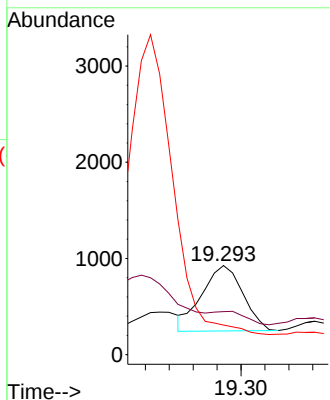
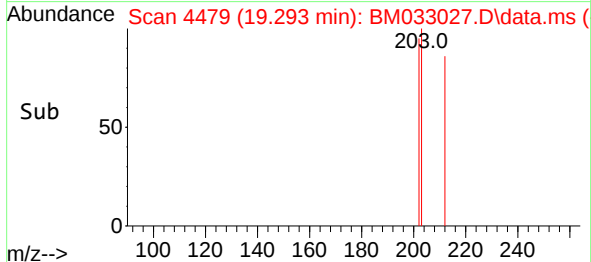
Instrument :
BNA_M
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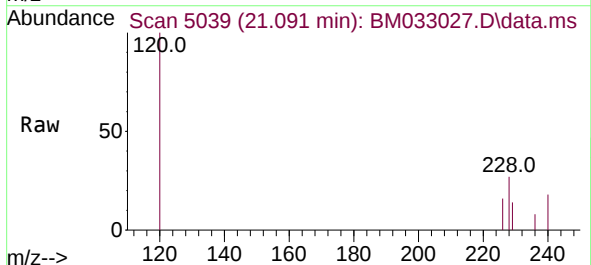
Tgt Ion:202 Resp: 808
Ion Ratio Lower Upper
202 100
101 48.3 11.8 17.6#
100 33.2 9.5 14.3#

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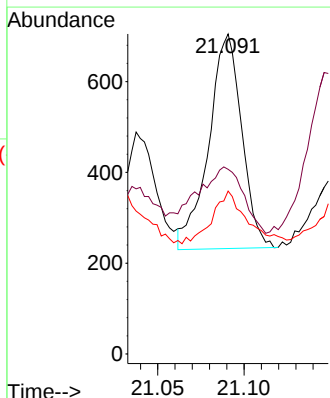
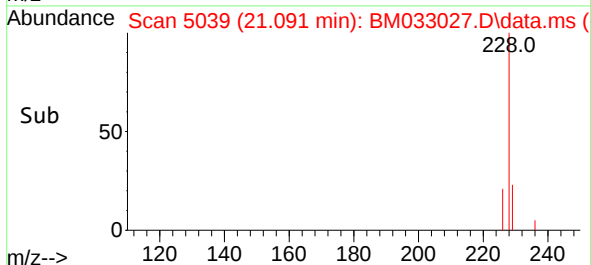
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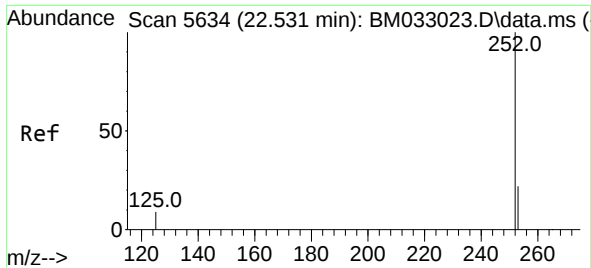


#22
Chrysene
Concen: 0.025 ng/u1
RT: 21.091 min Scan# 5039
Delta R.T. 0.008 min
Lab File: BM033027.D
Acq: 12 Nov 2021 15:13



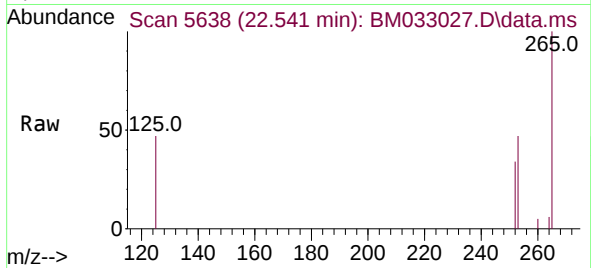
Tgt Ion:228 Resp: 627
Ion Ratio Lower Upper
228 100
226 57.7 24.9 37.3#
229 50.9 16.1 24.1#





#24
Benzo(b)fluoranthene
Concen: 0.026 ng/ul m
RT: 22.541 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM033027.D
Acq: 12 Nov 2021 15:13

Instrument :
BNA_M
ClientSampleId :
C0V04



Tgt Ion:252 Resp: 628
Ion Ratio Lower Upper
252 100
253 138.4 0.0 59.2
125 136.8 0.0 34.2

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