

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031494.D
 Acq On : 05 Aug 2021 22:37
 Operator : CG/JU
 Sample : M3162-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEW1

Manual Integrations
 APPROVED

mohammad
 8/6/2021 2:49:24 PM

Quant Time: Aug 06 01:40:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 05 11:03:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1303	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	4987	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	3091	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5823	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.164	240	4315	0.400	ng/ul	0.00
23) Perylene-d12	23.319	264	4421	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	6067	4.192	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	2788	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	5408	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.013	178	528	0.029	ng/ul#	76
19) Fluoranthene	19.031	202	1034	0.056	ng/ul#	80
20) Pyrene	19.394	202	1293	0.069	ng/ul#	76
21) Benzo(a)anthracene	21.149	228	551	0.032	ng/ul#	71
22) Chrysene	21.200	228	620	0.034	ng/ul#	84
24) Benzo(b)fluoranthene	22.684	252	695m	0.035	ng/ul	
26) Benzo(a)pyrene	23.224	252	486	0.028	ng/ul#	1

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

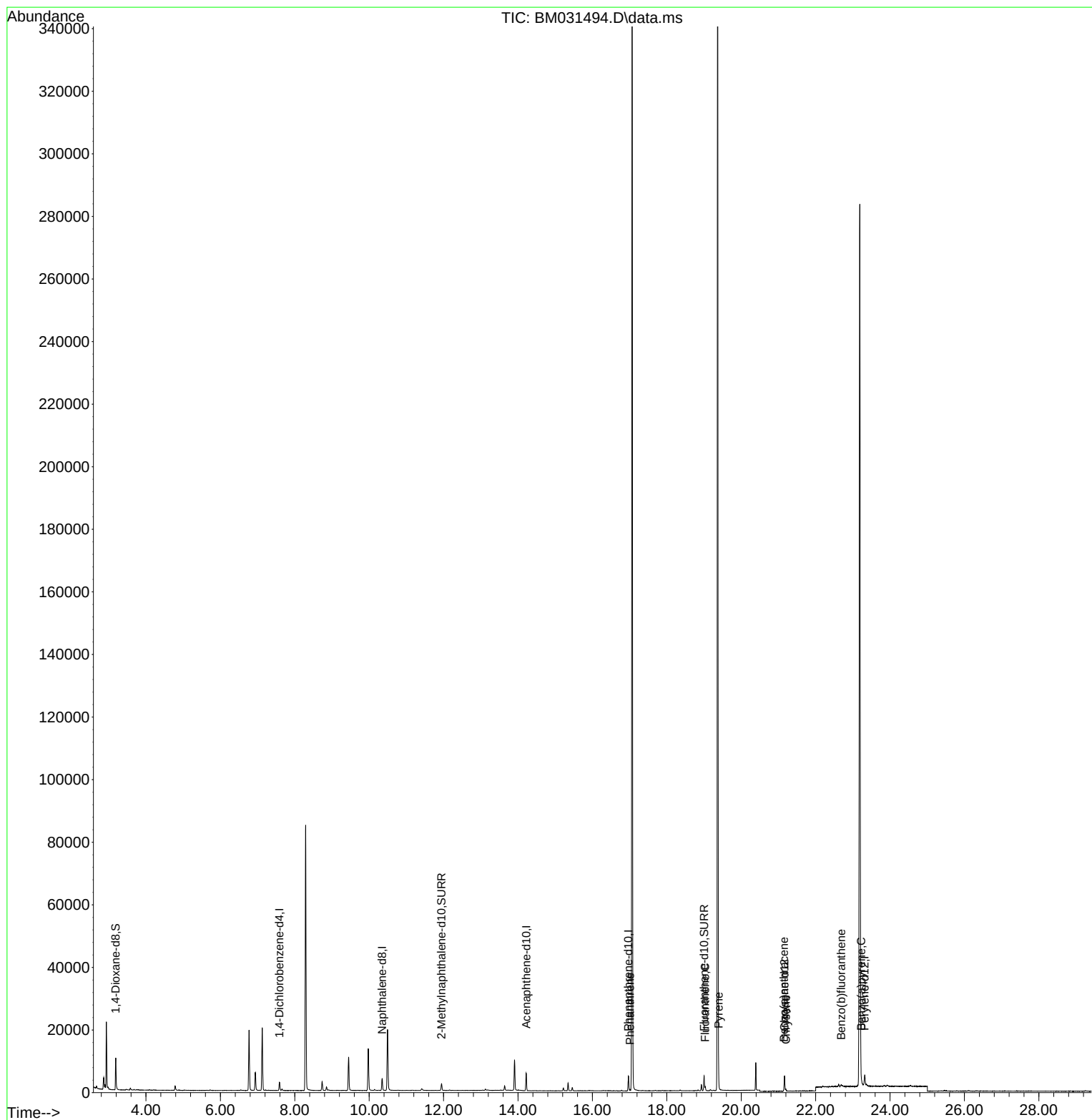
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031494.D
Acq On : 05 Aug 2021 22:37
Operator : CG/JU
Sample : M3162-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

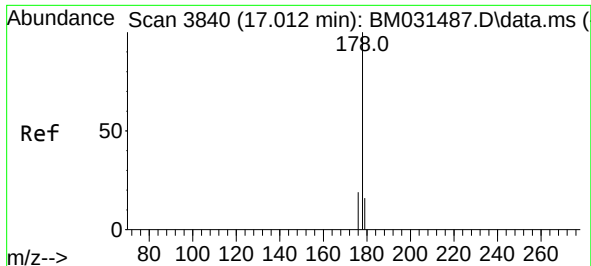
Instrument :
BNA_M
ClientSampleId :
BGEW1

Manual Integrations
APPROVED

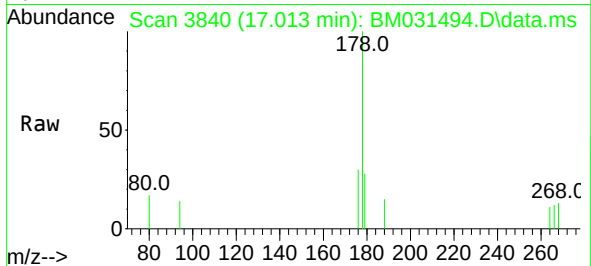
mohammad
8/6/2021 2:49:24 PM

Quant Time: Aug 06 01:40:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

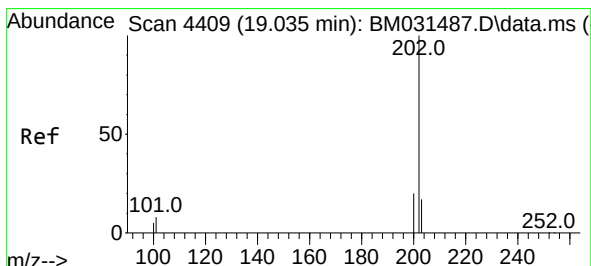
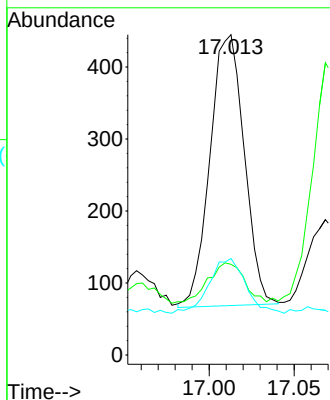
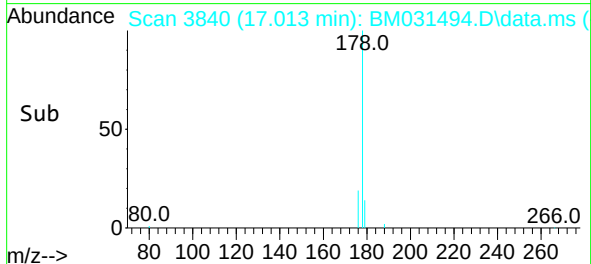




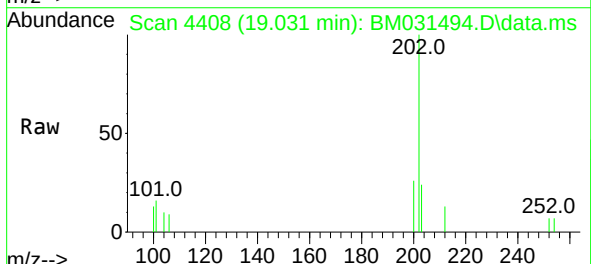
#15
Phenanthrene
Concen: 0.029 ng/ul
RT: 17.013 min Scan# 3840
Delta R.T. 0.000 min
Lab File: BM031494.D
Acq: 05 Aug 2021 22:37



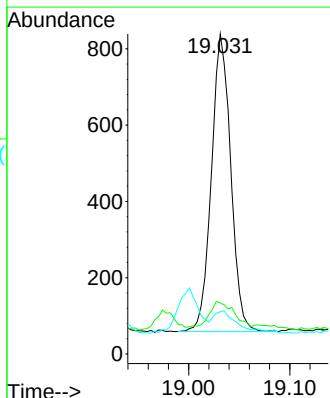
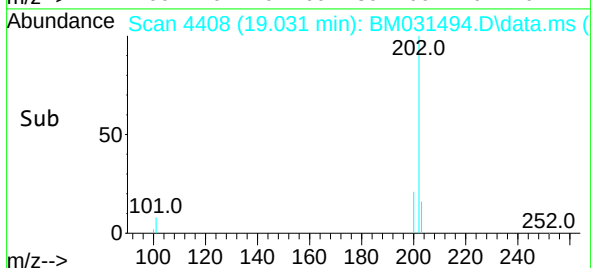
Tgt Ion:178 Resp: 528
Ion Ratio Lower Upper
178 100
179 28.3 13.3 19.9#
176 30.1 16.2 24.4#



#19
Fluoranthene
Concen: 0.056 ng/ul
RT: 19.031 min Scan# 4408
Delta R.T. -0.004 min
Lab File: BM031494.D
Acq: 05 Aug 2021 22:37



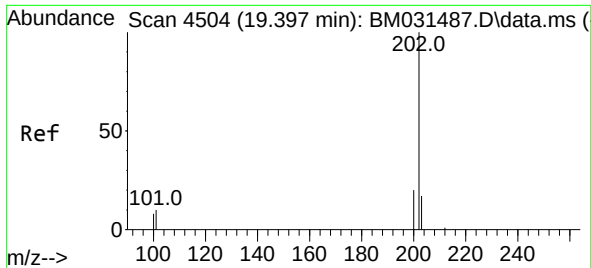
Tgt Ion:202 Resp: 1034
Ion Ratio Lower Upper
202 100
101 16.0 6.6 10.0#
100 13.2 5.4 8.0#



Instrument :
BNA_M
ClientSampled :
BGEW1

Manual Integrations
APPROVED

mohammad
8/6/2021 2:49:24 PM



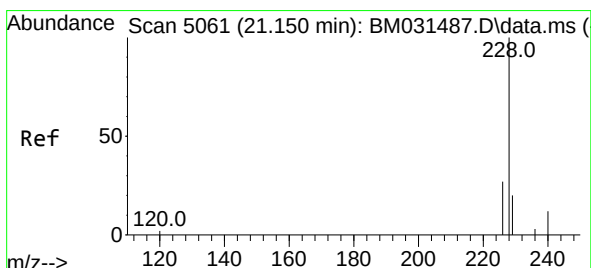
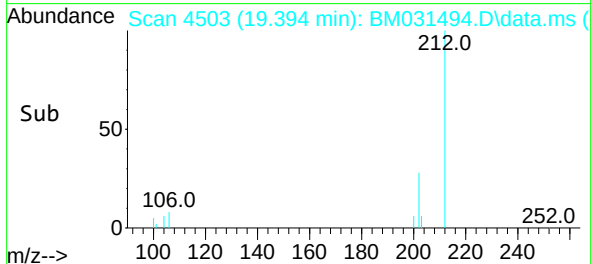
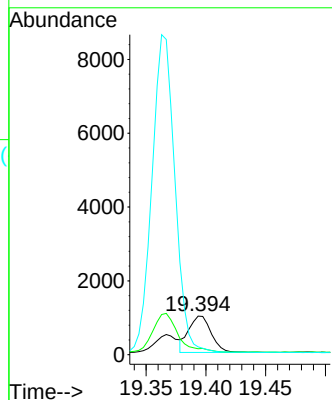
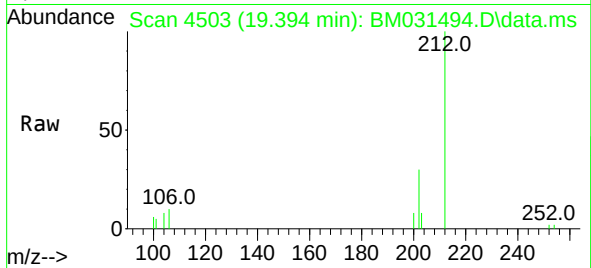
#20
Pyrene
Concen: 0.069 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031494.D
Acq: 05 Aug 2021 22:37

Tgt Ion:	202	Resp:	1293
Ion Ratio	Lower	Upper	
202	100		
101	15.4	7.8	11.6#
100	20.3	6.6	10.0#

Instrument :
BNA_M
ClientSampleId :
BGEW1

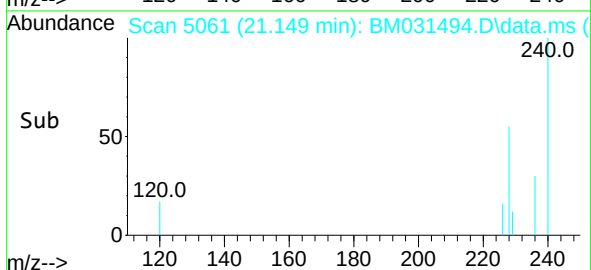
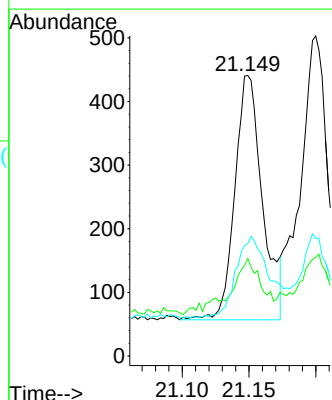
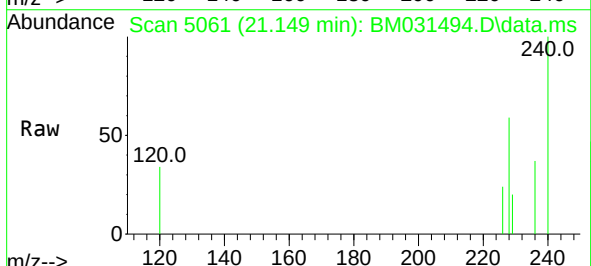
Manual Integrations
APPROVED

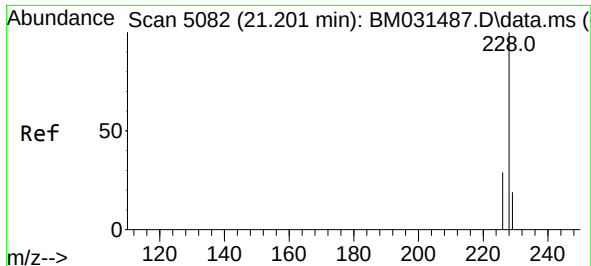
mohammad
8/6/2021 2:49:24 PM



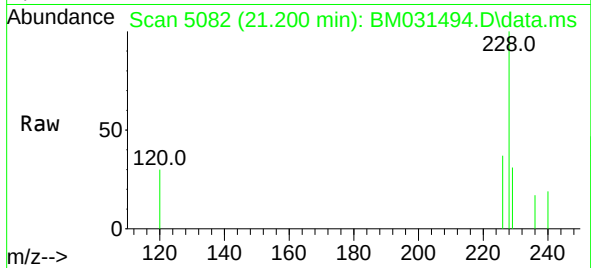
#21
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.149 min Scan# 5061
Delta R.T. 0.000 min
Lab File: BM031494.D
Acq: 05 Aug 2021 22:37

Tgt Ion:	228	Resp:	551
Ion Ratio	Lower	Upper	
228	100		
229	34.7	15.6	23.4#
226	40.1	21.7	32.5#

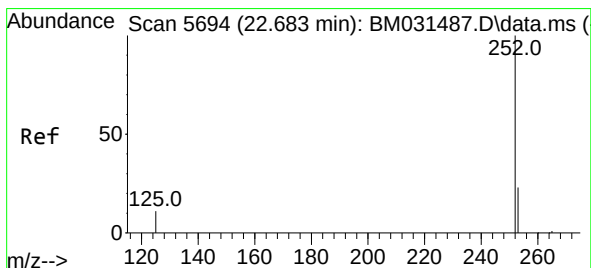
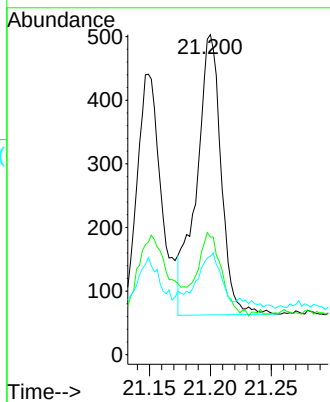
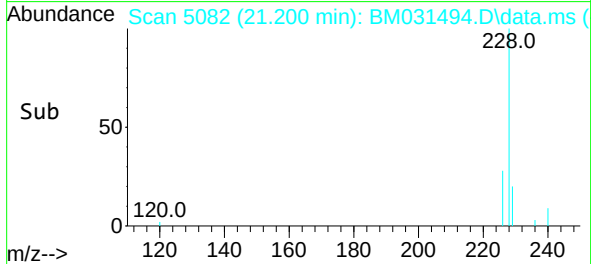




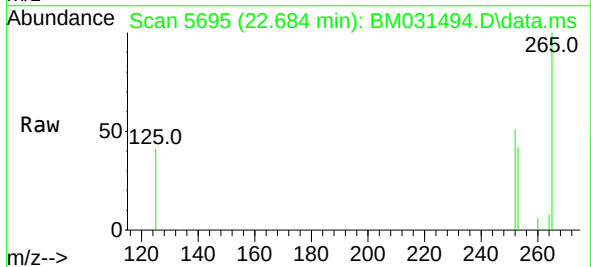
#22
Chrysene
Concen: 0.034 ng/ul
RT: 21.200 min Scan# 5082
Delta R.T. 0.000 min
Lab File: BM031494.D
Acq: 05 Aug 2021 22:37



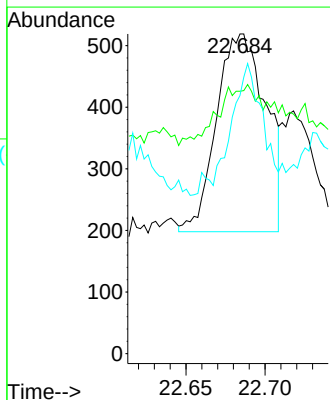
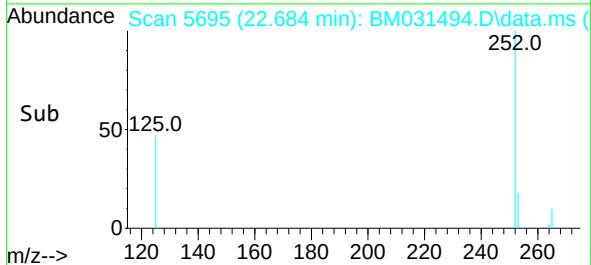
Tgt Ion:228 Resp: 620
Ion Ratio Lower Upper
228 100
226 36.8 24.7 37.1
229 30.8 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.035 ng/ul m
RT: 22.684 min Scan# 5695
Delta R.T. 0.005 min
Lab File: BM031494.D
Acq: 05 Aug 2021 22:37



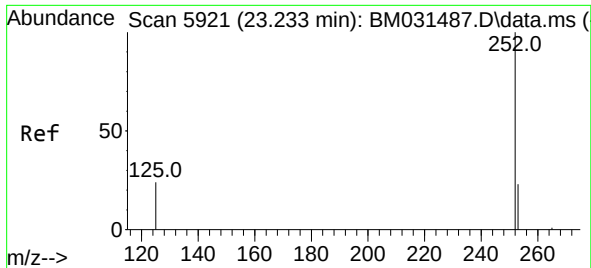
Tgt Ion:252 Resp: 695
Ion Ratio Lower Upper
252 100
253 82.1 0.0 53.0#
125 80.7 0.0 22.8#



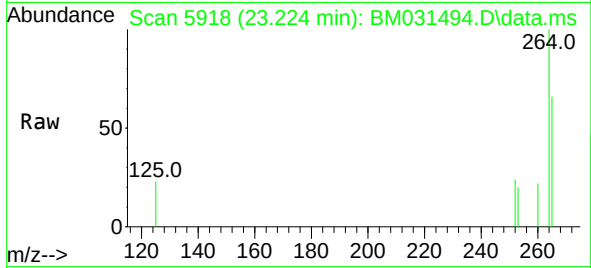
Instrument :
BNA_M
ClientSampled :
BGEW1

Manual Integrations
APPROVED

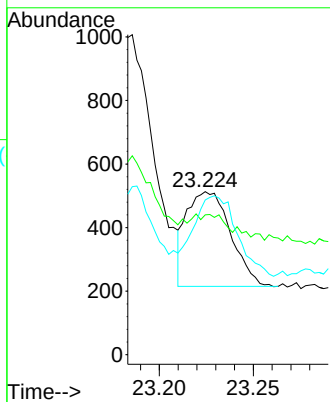
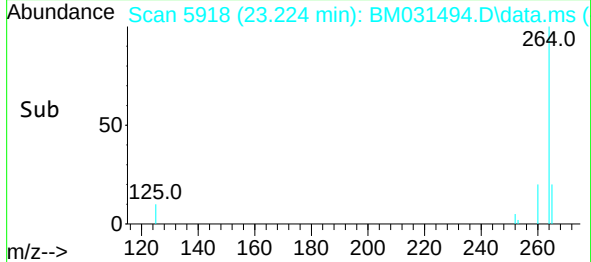
mohammad
8/6/2021 2:49:24 PM



#26
Benzo(a)pyrene
Concen: 0.028 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.005 min
Lab File: BM031494.D
Acq: 05 Aug 2021 22:37



Tgt Ion	Ratio	Lower	Upper
252	100		
253	85.8	22.4	33.6#
125	94.9	13.0	19.4#



Instrument :
BNA_M
ClientSampleId :
BGEW1

Manual Integrations
APPROVED

mohammad
8/6/2021 2:49:24 PM