

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022694.D
 Acq On : 29 Oct 2024 00:22
 Operator : RC/JU
 Sample : P4530-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7H39

Manual Integrations
 APPROVED

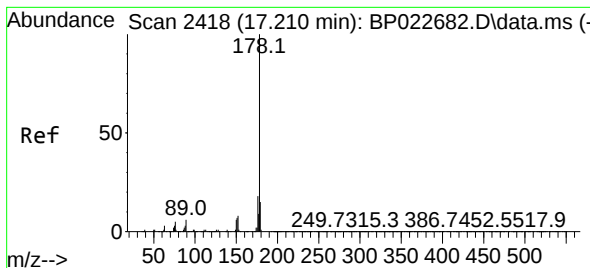
Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 29 01:39:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 26 05:55:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	81874	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.405	136	300401	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.269	164	236256	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	581093	20.000	ng/u1	-0.02
79) Chrysene-d12	21.504	240	718944	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	907873	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7881	3.741	ng/uL	-0.02
4) Pyridine-d5	3.599	84	88155	15.241	ng/u1	-0.01
7) Phenol-d5	6.834	99	134359	19.495	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.987	67	82810	20.443	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.187	132	102877	21.037	ng/u1	-0.02
15) 4-Methylphenol-d8	8.352	113	111788	20.325	ng/u1	-0.01
21) Nitrobenzene-d5	8.787	128	50824	22.004	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.505	143	60661	22.684	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	121266	21.336	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.546	131	127854	19.038	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	429707	22.892	ng/u1	-0.01
49) Acenaphthylene-d8	13.957	160	450504	22.596	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	52193m	16.574	ng/u1	0.02
60) Fluorene-d10	15.275	176	384860	23.638	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	65925	17.250	ng/u1	0.00
73) Anthracene-d10	17.181	188	624442	22.843	ng/u1	0.01
81) Pyrene-d10	19.545	212	822567	21.636	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.521	264	1112147	22.938	ng/u1	0.00
Target Compounds					Qvalue	
74) Anthracene	17.222	178	33016	1.064	ng/u1	97
80) Fluoranthene	19.198	202	121294	2.775	ng/u1	98
82) Pyrene	19.581	202	158648	3.387	ng/u1	96
85) Benzo(a)anthracene	21.480	228	99683	1.978	ng/u1	100
87) Chrysene	21.551	228	113230	2.423	ng/u1	97
90) Benzo(b)fluoranthene	23.721	252	183388	3.209	ng/u1	100
91) Benzo(k)fluoranthene	23.780	252	64960m	1.161	ng/u1	
93) Benzo(a)pyrene	24.592	252	94705	1.801	ng/u1	99
96) Benzo(g,h,i)perylene	29.598	276	59526m	1.090	ng/u1	

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



#74

Anthracene

Concen: 1.064 ng/ul

RT: 17.222 min Scan# 2418

Delta R.T. 0.018 min

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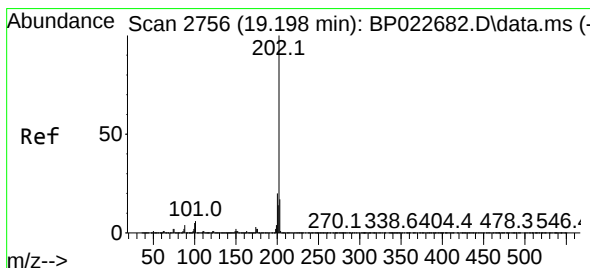
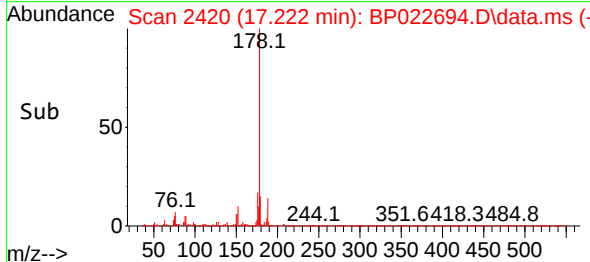
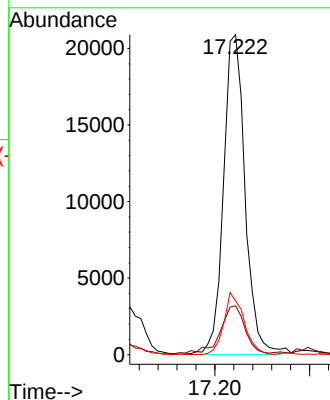
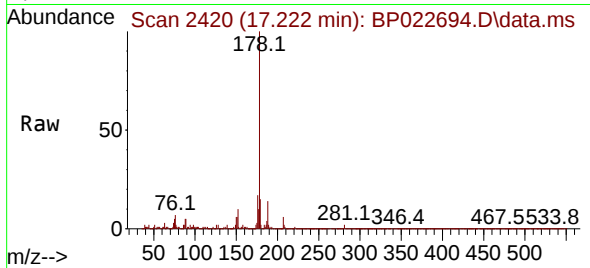
Tgt Ion:	178	Resp:	33010
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.0	18.0
176	16.8	15.0	22.4

Manual Integrations

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#80

Fluoranthene

Concen: 2.775 ng/ul

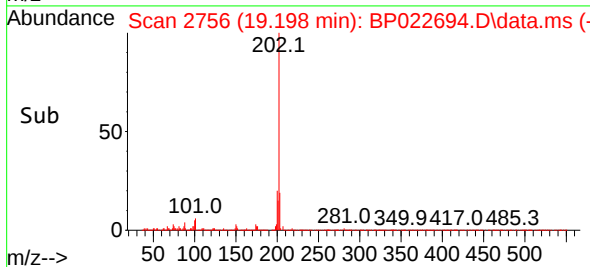
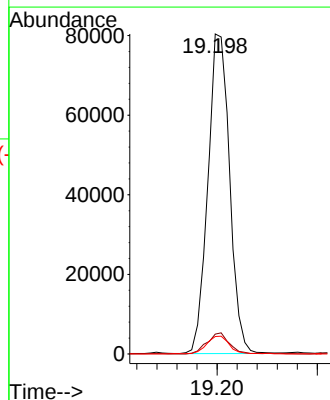
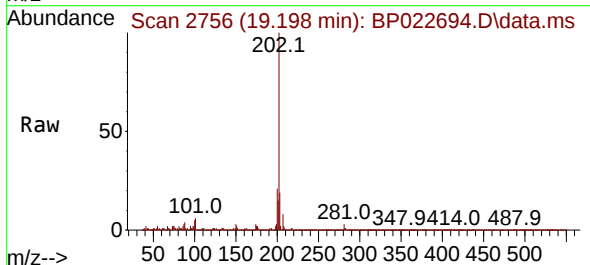
RT: 19.198 min Scan# 2756

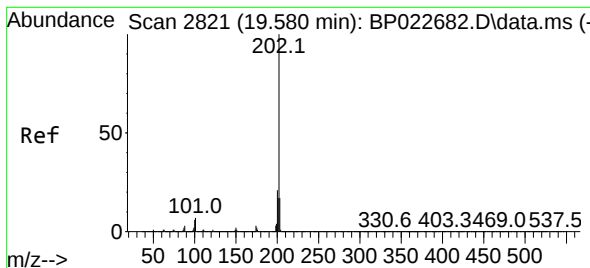
Delta R.T. -0.011 min

Lab File: BP022694.D

Acq: 29 Oct 2024 00:22

Tgt Ion:	202	Resp:	121294
Ion Ratio	Lower	Upper	
202	100		
101	6.2	5.8	8.8
100	5.5	4.5	6.7





#82

Pyrene

Concen: 3.387 ng/ul

RT: 19.581 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP022694.D

Acq: 29 Oct 2024 00:22

Instrument :

BNA_P

ClientSampleId :

F7H39

Tgt Ion:202 Resp: 15864

Ion Ratio Lower Upper

202 100

101 6.9 6.7 10.1

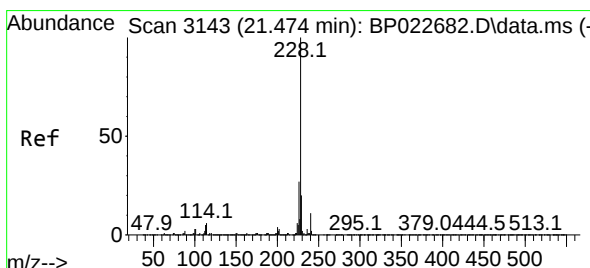
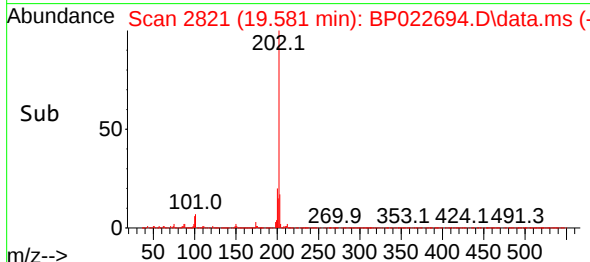
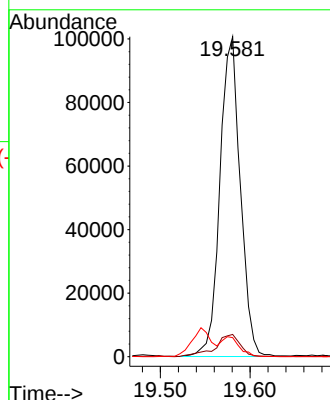
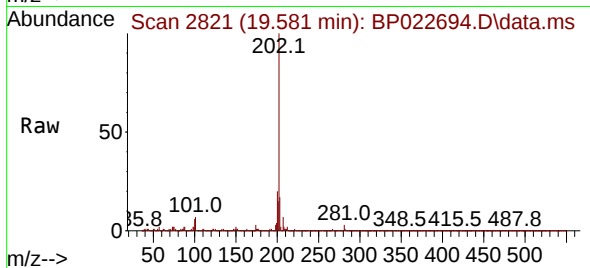
100 5.9 5.8 8.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 1.978 ng/ul

RT: 21.480 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BP022694.D

Acq: 29 Oct 2024 00:22

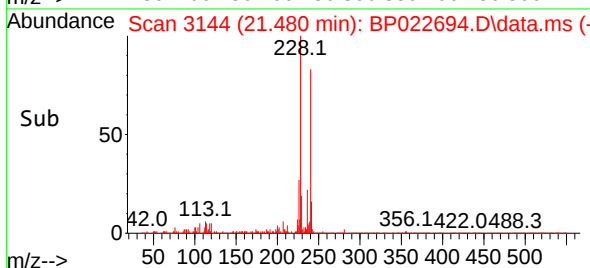
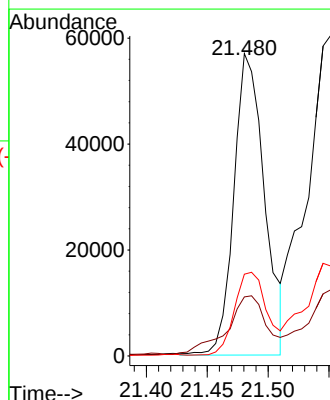
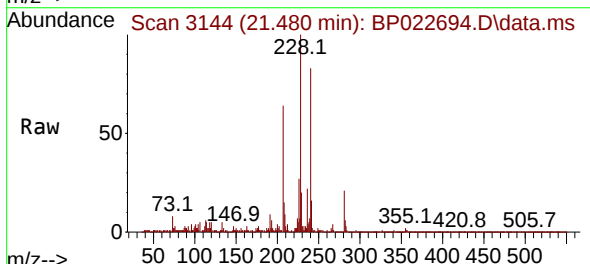
Tgt Ion:228 Resp: 99683

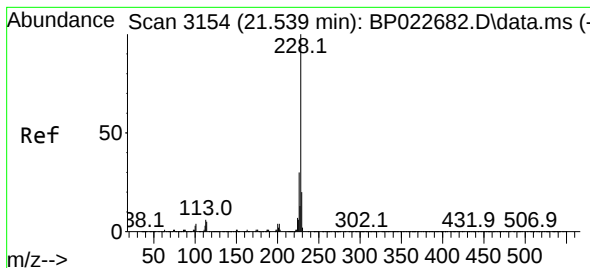
Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.0

226 27.1 21.5 32.3





#87

Chrysene

Concen: 2.423 ng/ul

RT: 21.551 min Scan# 3155

Delta R.T. 0.006 min

Lab File: BP022694.D

Acq: 29 Oct 2024 00:22

Instrument :

BNA_P

ClientSampleId :

F7H39

Tgt Ion:228 Resp: 113230

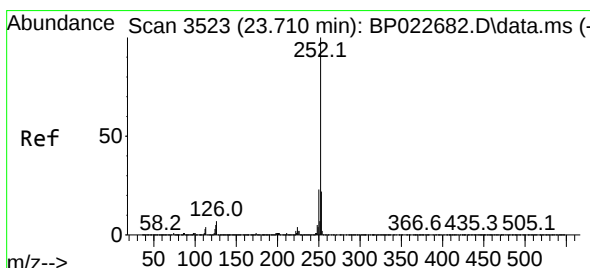
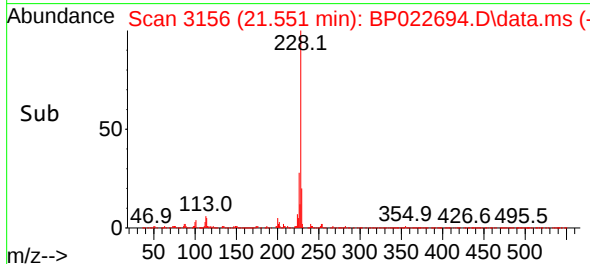
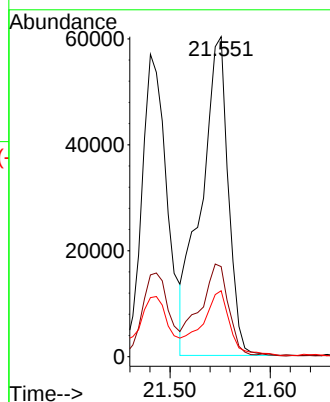
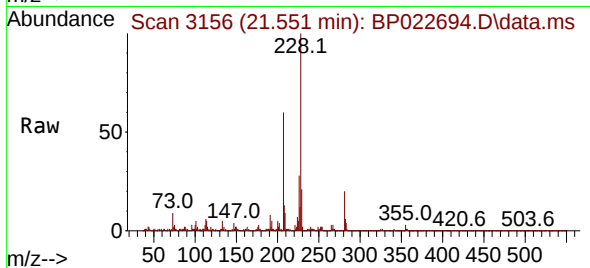
Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.8	35.8
229	20.6	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 3.209 ng/ul

RT: 23.721 min Scan# 3525

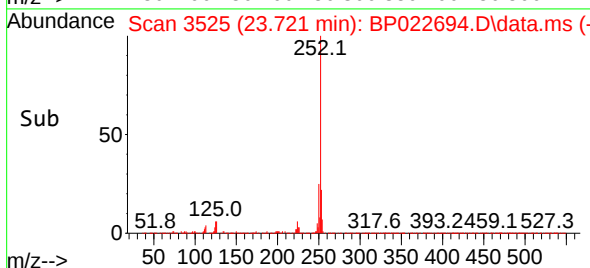
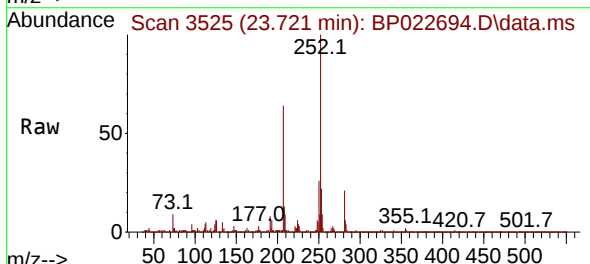
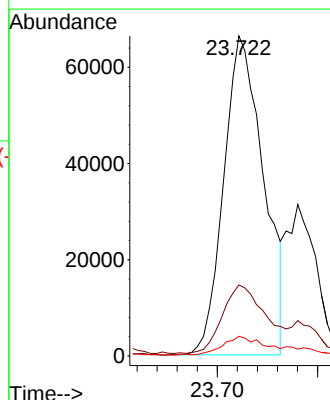
Delta R.T. 0.000 min

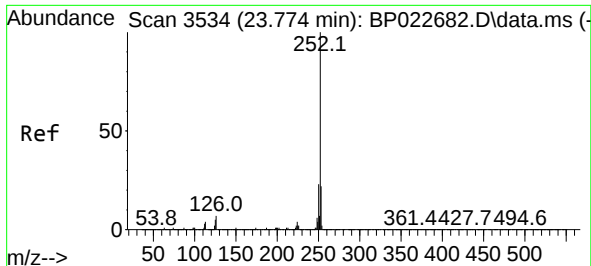
Lab File: BP022694.D

Acq: 29 Oct 2024 00:22

Tgt Ion:252 Resp: 183388

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	6.1	5.0	7.4





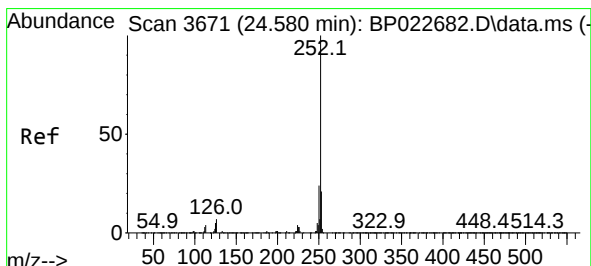
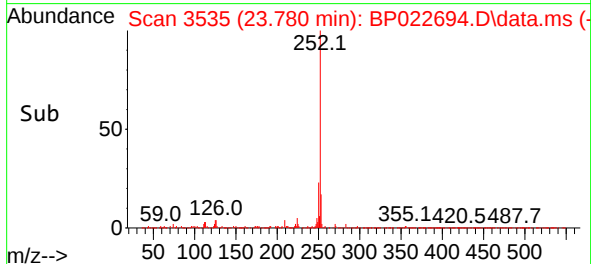
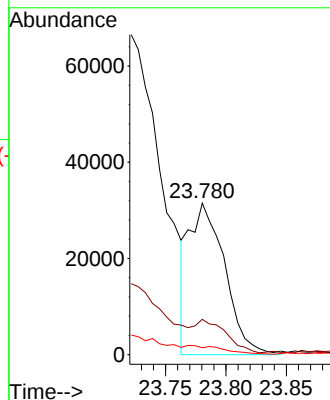
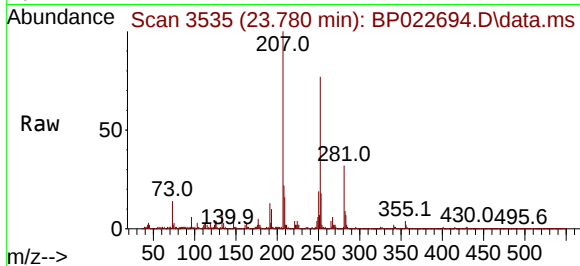
#91
Benzo(k)fluoranthene
Concen: 1.161 ng/ul m
RT: 23.780 min Scan# 3534
Delta R.T. -0.011 min
Lab File: BP022694.D
Acq: 29 Oct 2024 00:22

Instrument :
BNA_P
ClientSampleId :
F7H39

Tgt Ion:252 Resp: 64960
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 4.6 4.6 6.8

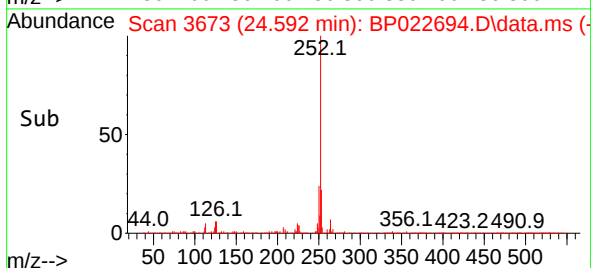
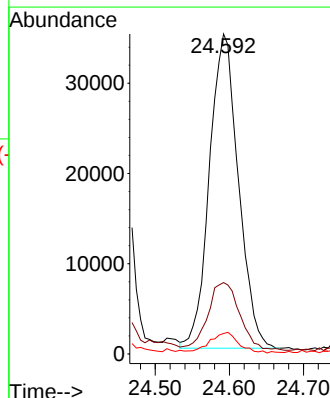
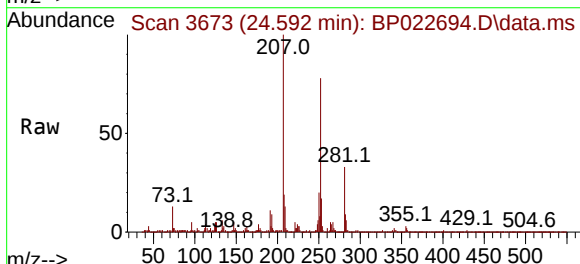
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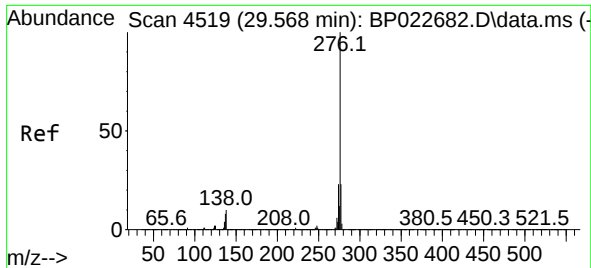
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#93
Benzo(a)pyrene
Concen: 1.801 ng/ul
RT: 24.592 min Scan# 3673
Delta R.T. -0.011 min
Lab File: BP022694.D
Acq: 29 Oct 2024 00:22

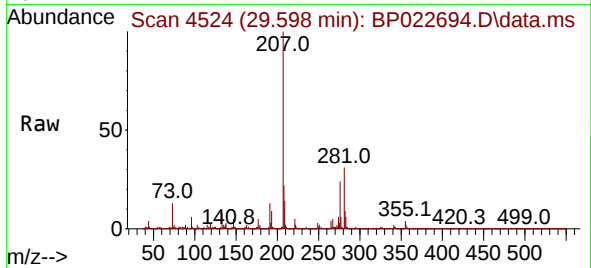
Tgt Ion:252 Resp: 94705
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 6.4 4.9 7.3





#96
Benzo(g,h,i)perylene
Concen: 1.090 ng/ul m
RT: 29.598 min Scan# 4524
Delta R.T. 0.024 min
Lab File: BP022694.D
Acq: 29 Oct 2024 00:22

Instrument :
BNA_P
ClientSampleId :
F7H39



Tgt Ion: 276 Resp: 59520
Ion Ratio Lower Upper
276 100
138 11.6 8.5 12.7
277 23.0 19.0 28.4

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