

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022700.D
 Acq On : 29 Oct 2024 05:04
 Operator : RC/JU
 Sample : P4494-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F35

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 05:32:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 29 04:53:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	65678	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	253751	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	198122	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	480390	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	585516	20.000	ng/u1	# 0.01
88) Perylene-d12	24.751	264	776156	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	6738	3.987	ng/uL	0.00
4) Pyridine-d5	3.599	84	87747	18.912	ng/u1	0.00
7) Phenol-d5	6.846	99	122083	22.082	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	74021	22.780	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	94634	24.123	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	107279	24.315	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	47223	24.203	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	56648	25.078	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	121659	25.341	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	124289	21.909	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	412437	26.201	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	438342	26.218	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	52207	19.769	ng/u1	0.00
60) Fluorene-d10	15.269	176	371043	27.176	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	64901	20.542	ng/u1	0.00
73) Anthracene-d10	17.175	188	629824	27.870	ng/u1	0.01
81) Pyrene-d10	19.545	212	810182	26.166	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.510	264	1140166	27.507	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	34566	1.345	ng/u1	98
80) Fluoranthene	19.198	202	91559	2.572	ng/u1#	97
82) Pyrene	19.575	202	81882	2.146	ng/u1	98
85) Benzo(a)anthracene	21.474	228	45941	1.119	ng/u1	95
87) Chrysene	21.551	228	51364	1.350	ng/u1	95
90) Benzo(b)fluoranthene	23.721	252	80195	1.641	ng/u1#	93
93) Benzo(a)pyrene	24.592	252	53017m	1.179	ng/u1	

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

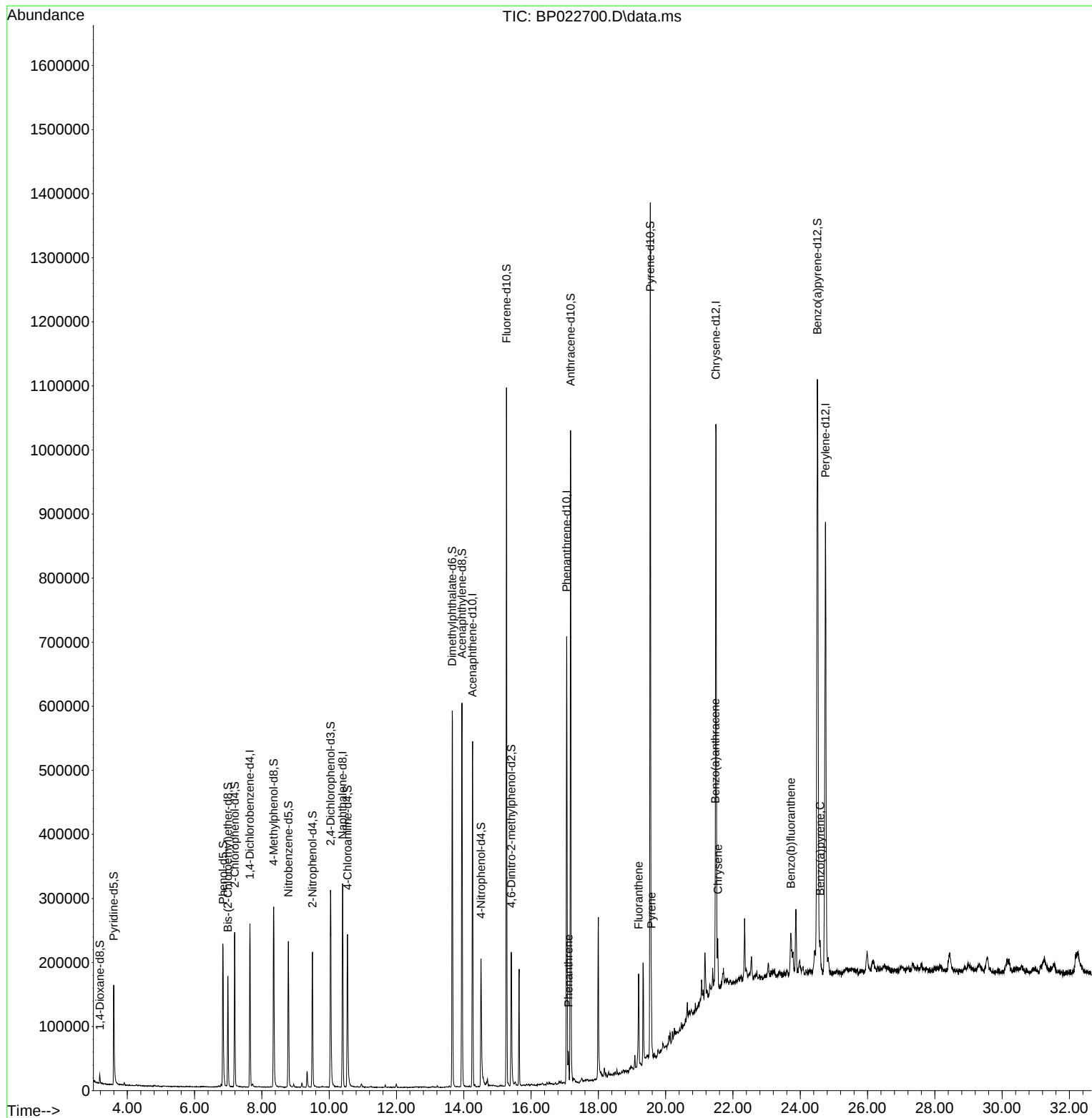
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
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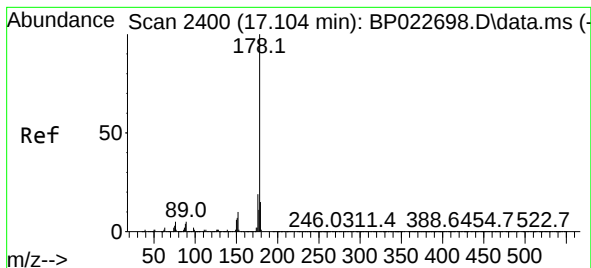
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 29 04:53:07 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.345 ng/ul

RT: 17.110 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BP022700.D

Acq: 29 Oct 2024 05:04

Instrument :

BNP_P

ClientSampleId :

A4F35

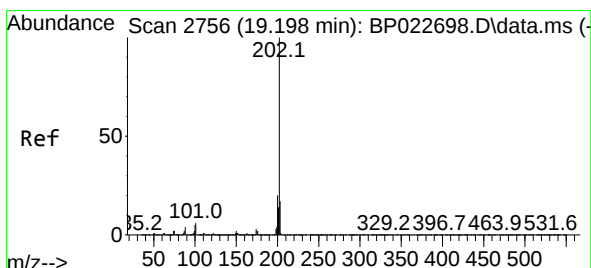
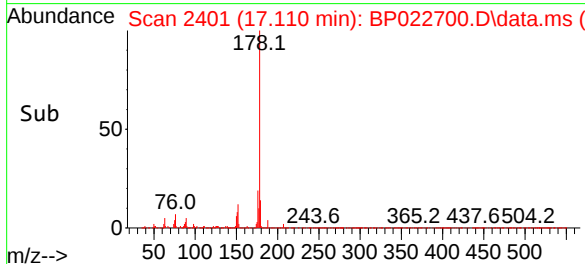
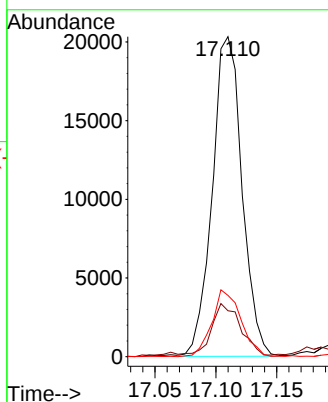
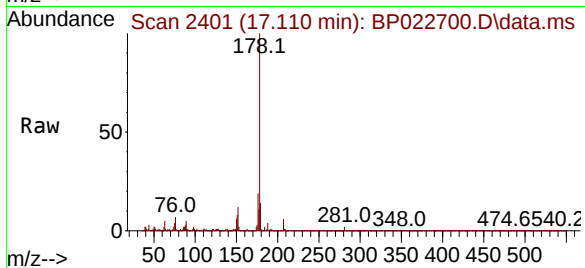
Tgt Ion:178	Resp:	3456
Ion Ratio	Lower	Upper
178	100	
179	14.3	12.2 18.4
176	19.2	15.7 23.5

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#80

Fluoranthene

Concen: 2.572 ng/ul

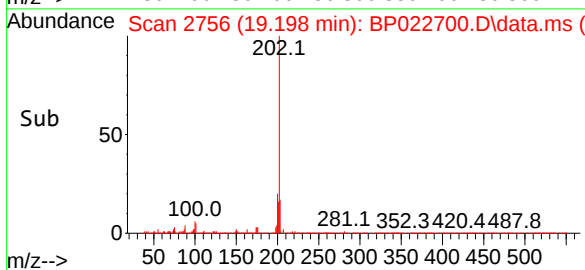
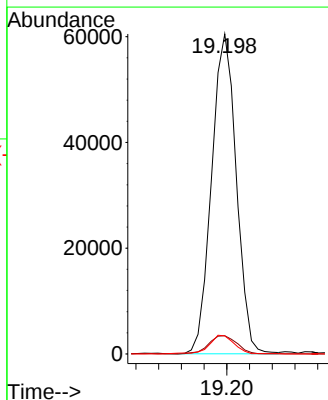
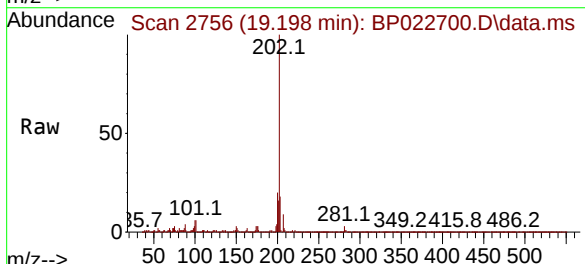
RT: 19.198 min Scan# 2756

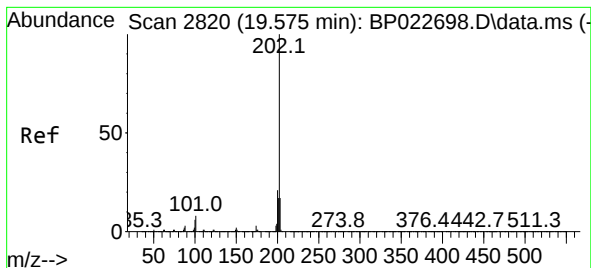
Delta R.T. -0.000 min

Lab File: BP022700.D

Acq: 29 Oct 2024 05:04

Tgt Ion:202	Resp:	91559
Ion Ratio	Lower	Upper
202	100	
101	5.7	5.8 8.8#
100	5.7	4.5 6.7





#82

Pyrene

Concen: 2.146 ng/ul

RT: 19.575 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP022700.D

Acq: 29 Oct 2024 05:04

Instrument :

BNA_P

ClientSampleId :

A4F35

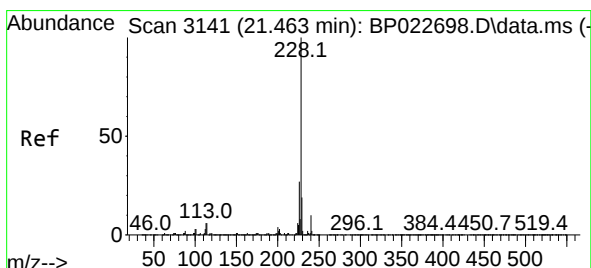
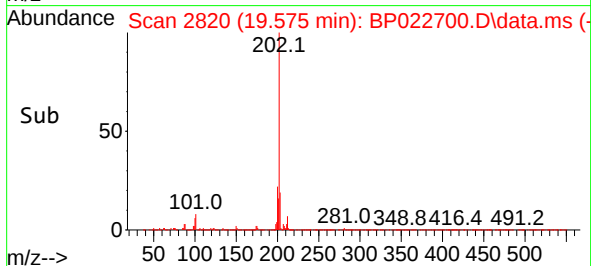
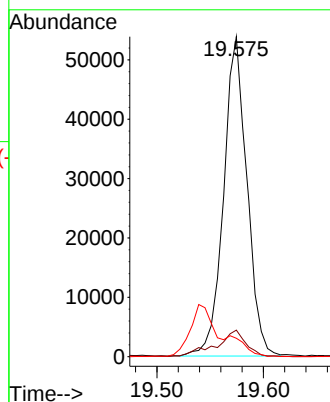
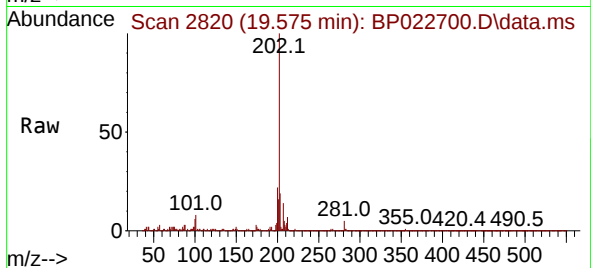
Tgt Ion:	202	Resp:	8188
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.7	10.1
100	5.8	5.8	8.6

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#85

Benzo(a)anthracene

Concen: 1.119 ng/ul

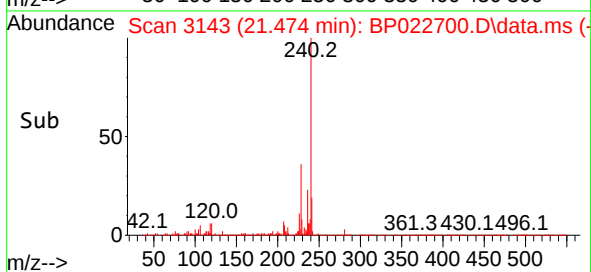
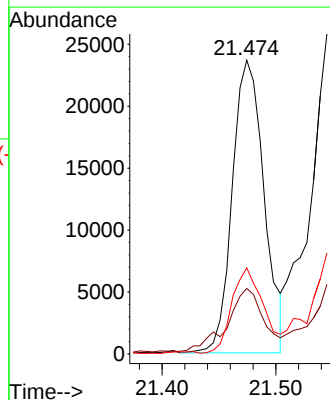
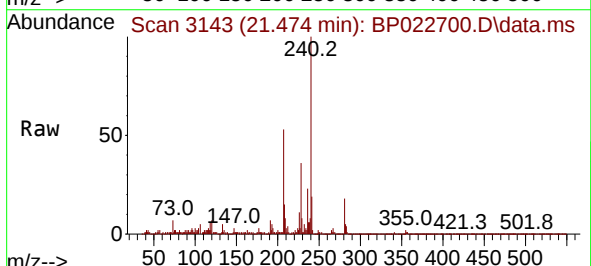
RT: 21.474 min Scan# 3143

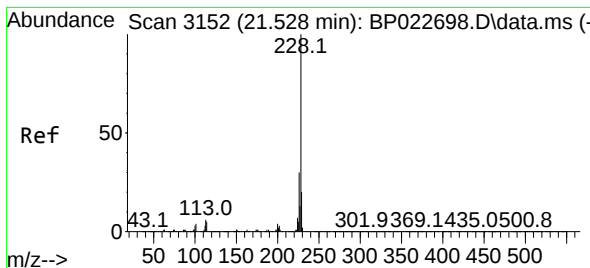
Delta R.T. 0.012 min

Lab File: BP022700.D

Acq: 29 Oct 2024 05:04

Tgt Ion:	228	Resp:	45941
Ion Ratio	Lower	Upper	
228	100		
229	22.3	15.4	23.0
226	29.3	21.5	32.3





#87

Chrysene

Concen: 1.350 ng/ul

RT: 21.551 min Scan# 3156

Delta R.T. 0.023 min

Lab File: BP022700.D

Acq: 29 Oct 2024 05:04

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A4F35

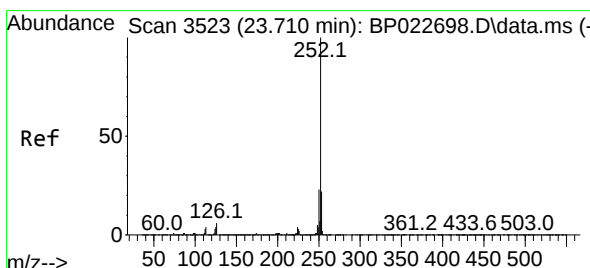
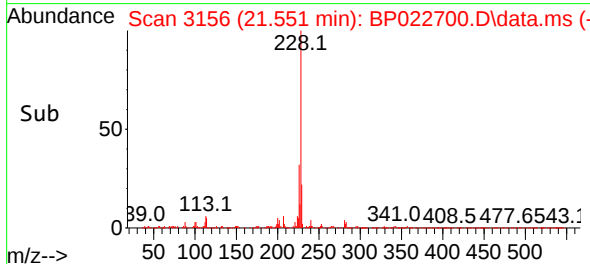
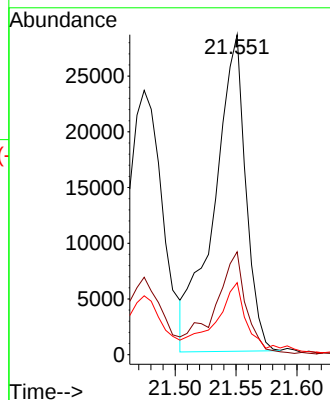
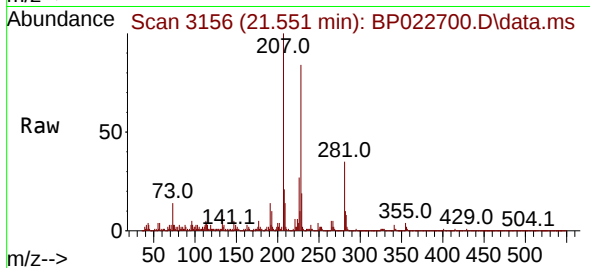
Tgt Ion:	228	Resp:	5136
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.8	35.8
229	22.5	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 1.641 ng/ul

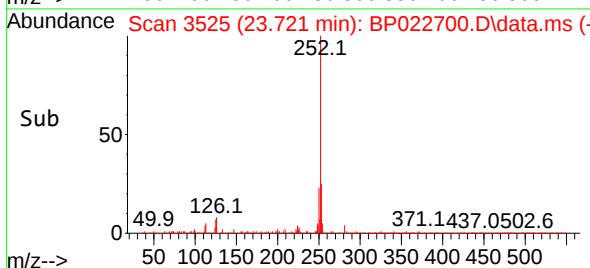
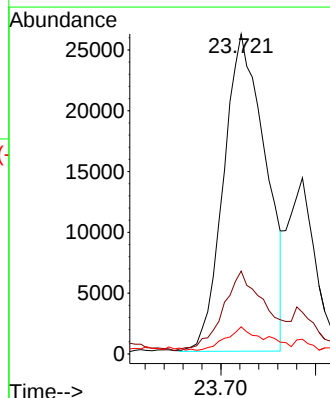
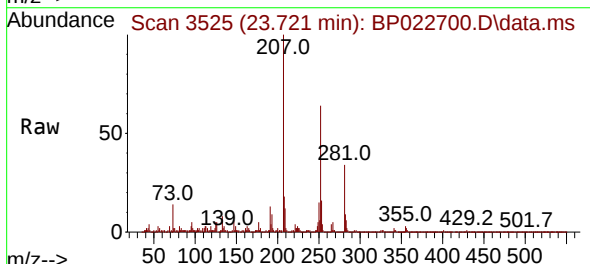
RT: 23.721 min Scan# 3525

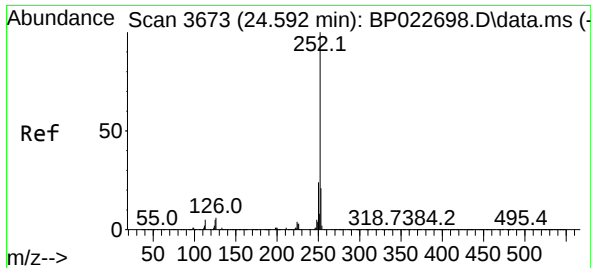
Delta R.T. 0.012 min

Lab File: BP022700.D

Acq: 29 Oct 2024 05:04

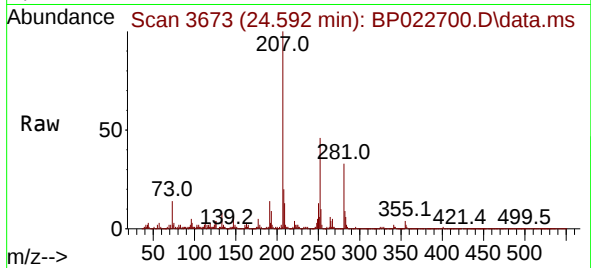
Tgt Ion:	252	Resp:	80195
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.8	26.8
125	8.5	5.0	7.4





#93
 Benzo(a)pyrene
 Concen: 1.179 ng/ul m
 RT: 24.592 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BP022700.D
 Acq: 29 Oct 2024 05:04

Instrument :
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 ClientSampleId :
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Tgt Ion:252 Resp: 5301
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.7 26.5
 125 8.0 4.9 7.3

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