

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022573.D
 Acq On : 23 Oct 2024 21:37
 Operator : RC/JU
 Sample : P4415-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F60

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 01:48:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	126435	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	490552	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	384917	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.057	188	932381	20.000	ng/u1	-0.02
79) Chrysene-d12	21.498	240	908909	20.000	ng/u1	0.00
88) Perylene-d12	24.750	264	1080636	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3247m	0.998	ng/uL	0.00
4) Pyridine-d5	3.628	84	5932m	0.664	ng/u1	0.02
7) Phenol-d5	6.851	99	57547	5.407	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	33557	5.365	ng/u1	0.00
11) 2-Chlorophenol-d4	7.204	132	43694	5.786	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	40027	4.713	ng/u1	0.00
21) Nitrobenzene-d5	8.792	128	20684	5.484	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	23674	5.421	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	49208	5.302	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	41702	3.803	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	177513	5.804	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	188881	5.815	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	14494	2.825	ng/u1	0.02
60) Fluorene-d10	15.269	176	162903	6.141	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	9309	1.518	ng/u1	0.00
73) Anthracene-d10	17.163	188	264748	6.036	ng/u1	0.00
81) Pyrene-d10	19.545	212	286041	5.951	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.527	264	221995	3.847	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.469	105	34071	2.430	ng/u1	89
72) Phenanthrene	17.104	178	402410	8.067	ng/u1	99
74) Anthracene	17.204	178	77760	1.562	ng/u1	99
80) Fluoranthene	19.204	202	645493	11.682	ng/u1	100
82) Pyrene	19.580	202	396487	6.695	ng/u1	100
85) Benzo(a)anthracene	21.474	228	255044	4.003	ng/u1	99
87) Chrysene	21.545	228	241548	4.088	ng/u1	97
90) Benzo(b)fluoranthene	23.733	252	304792	4.481	ng/u1	100
91) Benzo(k)fluoranthene	23.792	252	109849	1.649	ng/u1	94
93) Benzo(a)pyrene	24.598	252	103530	1.654	ng/u1#	98
94) Indeno(1,2,3-cd)pyrene	28.450	276	95194	1.139	ng/u1	94

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

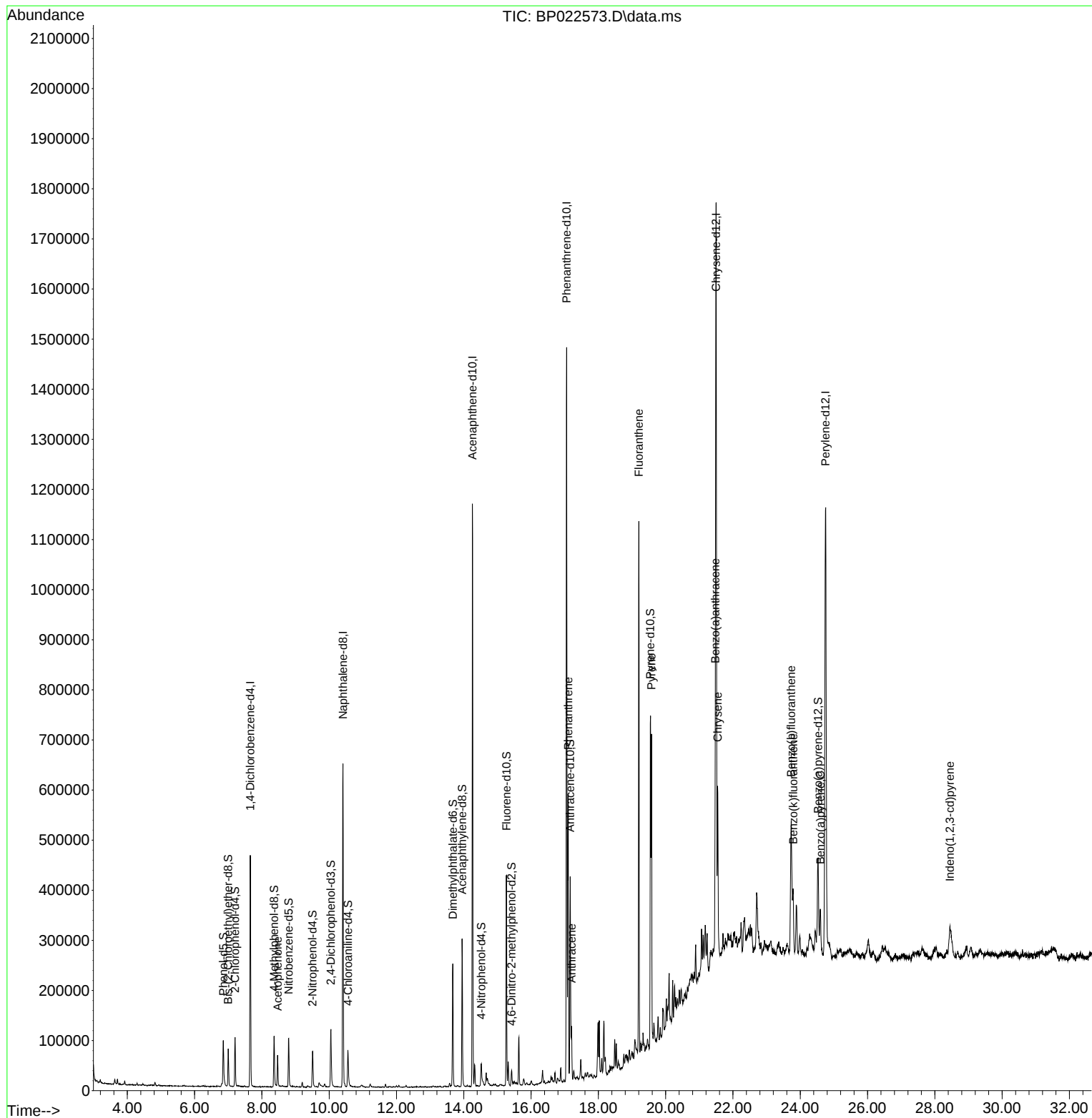
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022573.D
Acq On : 23 Oct 2024 21:37
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ALS Vial : 11 Sample Multiplier: 1

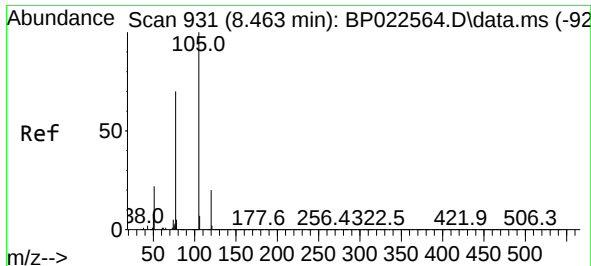
Instrument :
BNA_P
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Quant Title : SVOA CALIBRATION
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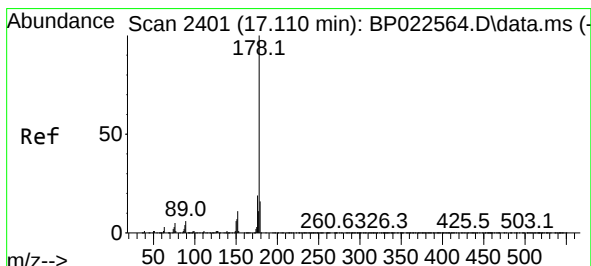
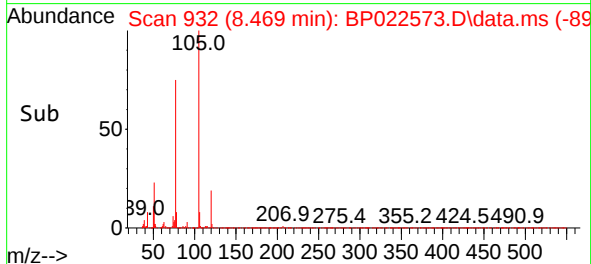
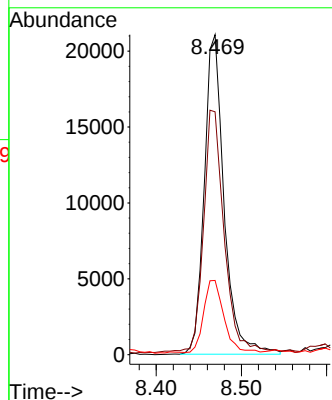
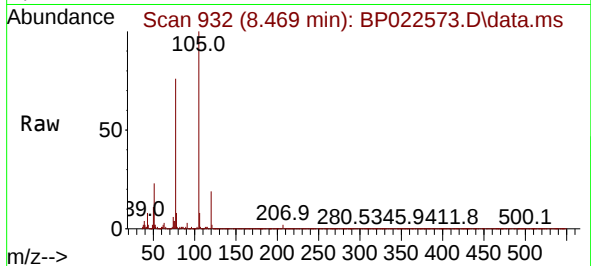
#16
Acetophenone
Concen: 2.430 ng/ul
RT: 8.469 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022573.D
Acq: 23 Oct 2024 21:37

Instrument :
BNA_P
ClientSampleId :
A4F60

Tgt Ion:105 Resp: 3407
Ion Ratio Lower Upper
105 100
77 75.9 69.0 103.4
51 23.2 22.6 33.8

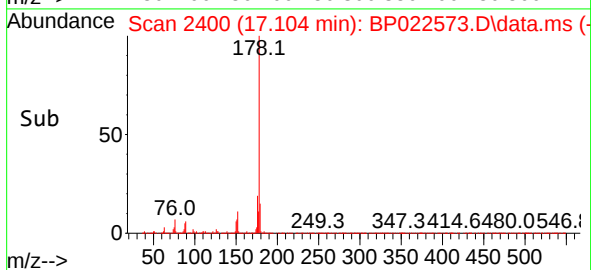
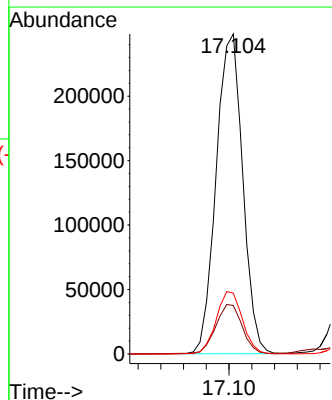
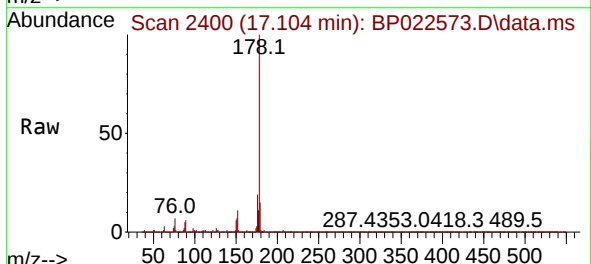
Manual Integrations
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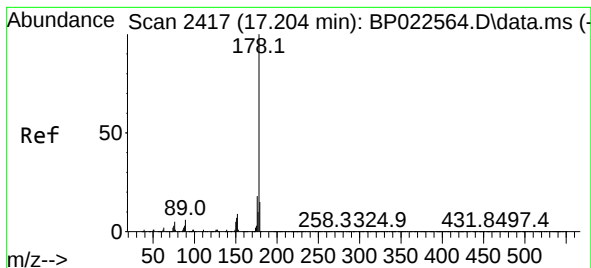
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#72
Phenanthrene
Concen: 8.067 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BP022573.D
Acq: 23 Oct 2024 21:37

Tgt Ion:178 Resp: 402410
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.4
176 19.0 15.7 23.5





#74

Anthracene

Concen: 1.562 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP022573.D

Acq: 23 Oct 2024 21:37

Instrument :

BNA_P

ClientSampleId :

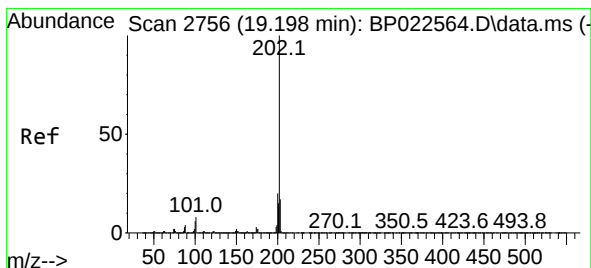
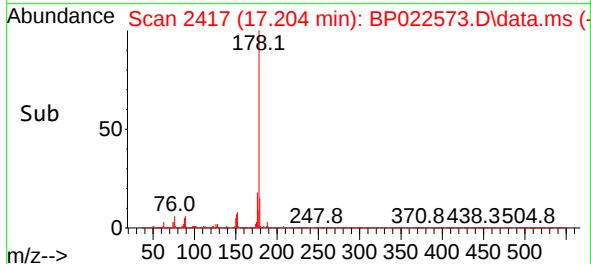
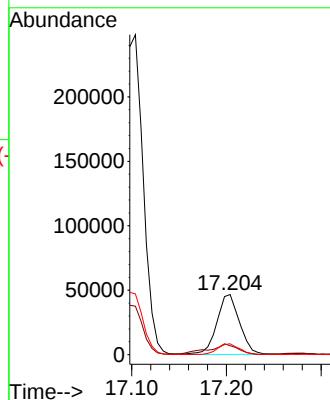
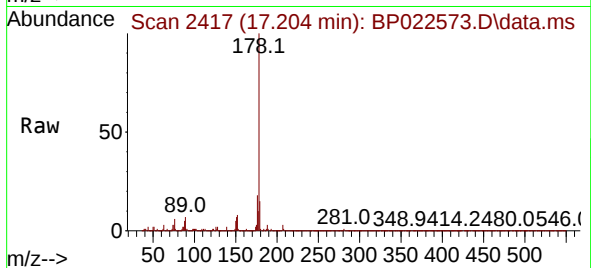
A4F60

Tgt Ion:178	Resp:	77760
Ion Ratio	Lower	Upper
178	100	
179	15.0	12.0 18.0
176	18.1	15.0 22.4

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#80

Fluoranthene

Concen: 11.682 ng/ul

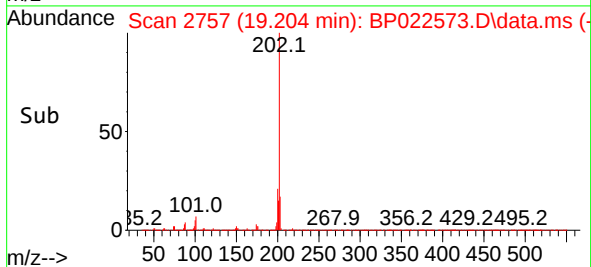
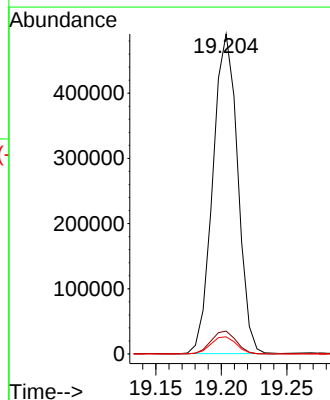
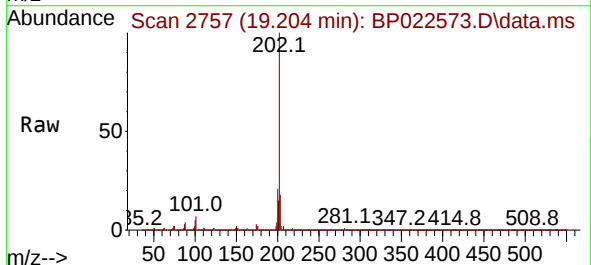
RT: 19.204 min Scan# 2757

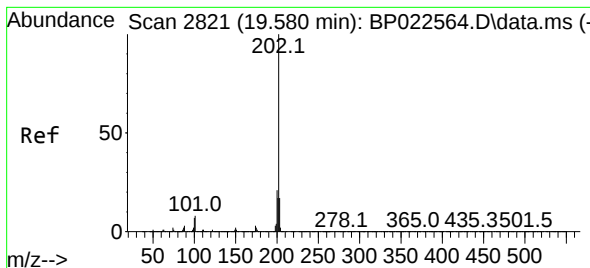
Delta R.T. -0.006 min

Lab File: BP022573.D

Acq: 23 Oct 2024 21:37

Tgt Ion:202	Resp:	645493
Ion Ratio	Lower	Upper
202	100	
101	7.2	5.8 8.8
100	5.4	4.5 6.7





#82

Pyrene

Concen: 6.695 ng/ul

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022573.D

Acq: 23 Oct 2024 21:37

Instrument :

BNA_P

ClientSampleId :

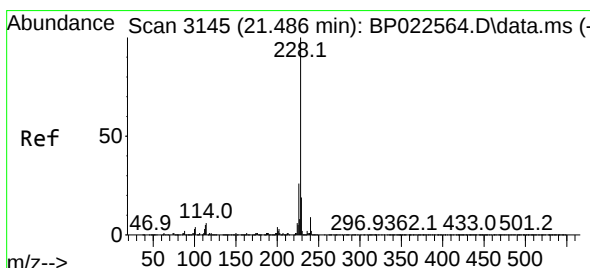
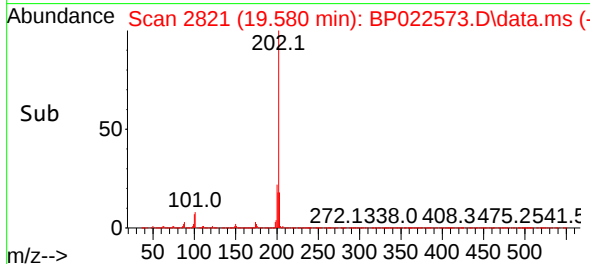
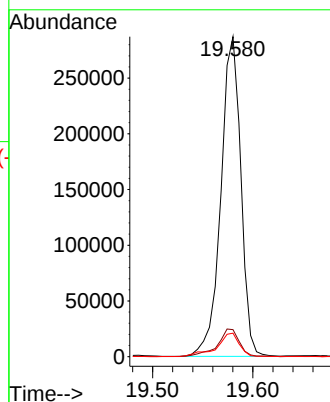
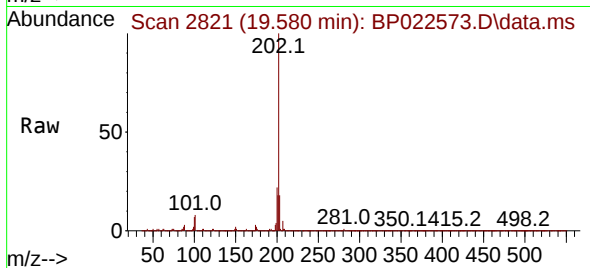
A4F60

Tgt Ion:	202	Resp:	39648
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.7	10.1
100	7.3	5.8	8.6

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#85

Benzo(a)anthracene

Concen: 4.003 ng/ul

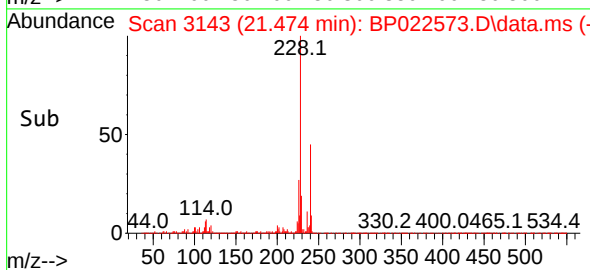
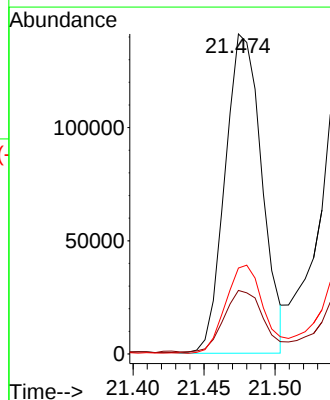
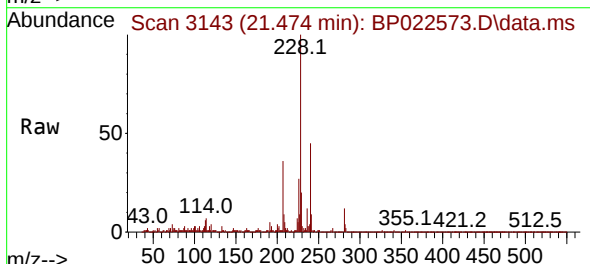
RT: 21.474 min Scan# 3143

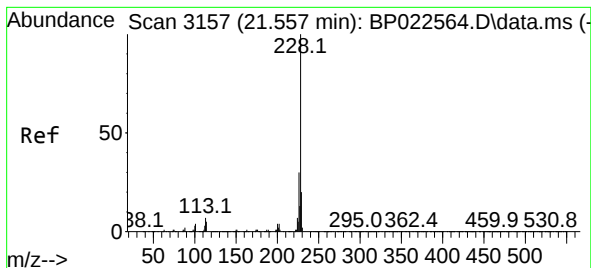
Delta R.T. -0.006 min

Lab File: BP022573.D

Acq: 23 Oct 2024 21:37

Tgt Ion:	228	Resp:	255044
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.4	23.0
226	26.9	21.5	32.3





#87

Chrysene

Concen: 4.088 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BP022573.D

Acq: 23 Oct 2024 21:37

Instrument :

BNA_P

ClientSampleId :

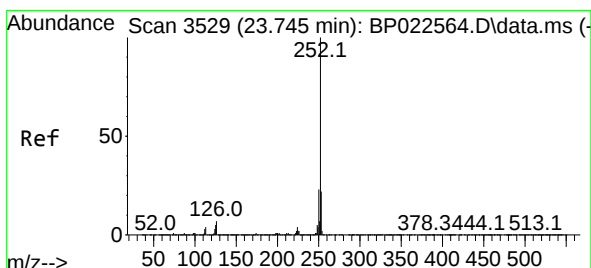
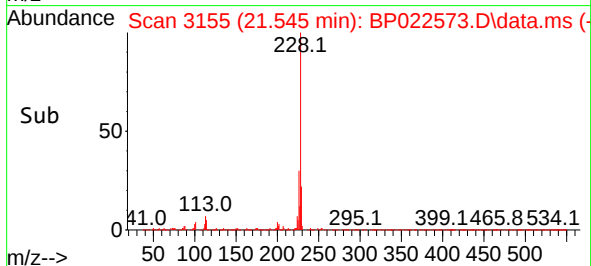
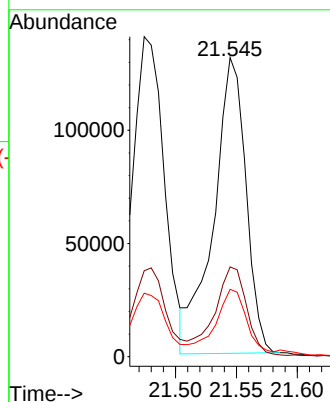
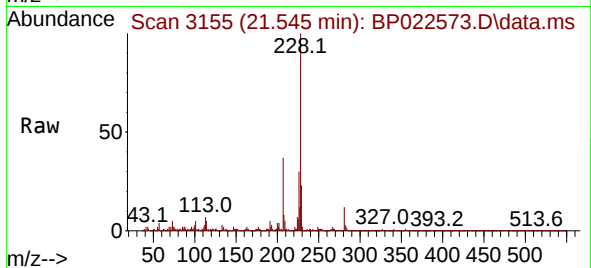
A4F60

Tgt Ion:	228	Resp:	241548
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.8	35.8
229	22.5	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 4.481 ng/ul

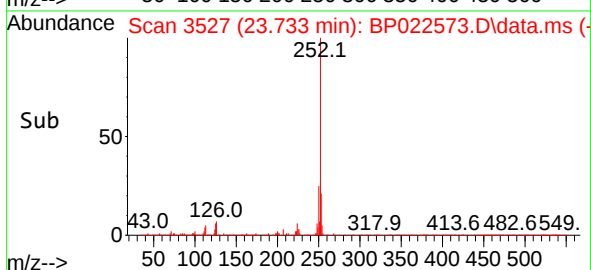
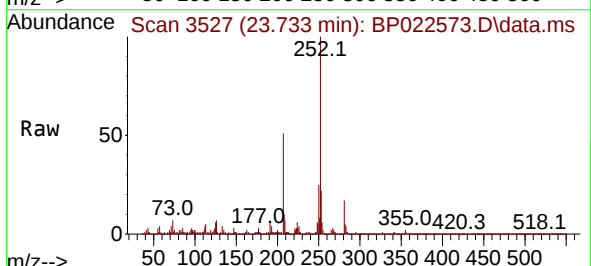
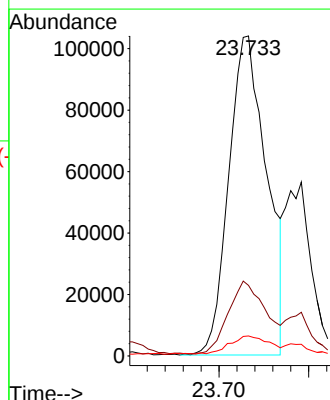
RT: 23.733 min Scan# 3527

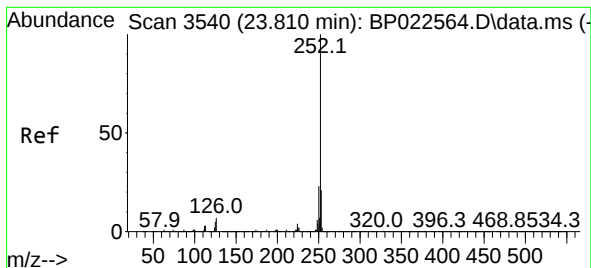
Delta R.T. 0.012 min

Lab File: BP022573.D

Acq: 23 Oct 2024 21:37

Tgt Ion:	252	Resp:	304792
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	6.3	5.0	7.4





#91

Benzo(k)fluoranthene

Concen: 1.649 ng/ul

RT: 23.792 min Scan# 3540

Delta R.T. 0.000 min

Lab File: BP022573.D

Acq: 23 Oct 2024 21:37

Instrument :

BNA_P

ClientSampleId :

A4F60

Tgt Ion:252 Resp: 109849

Ion Ratio Lower Upper

252 100

253 25.1 17.4 26.0

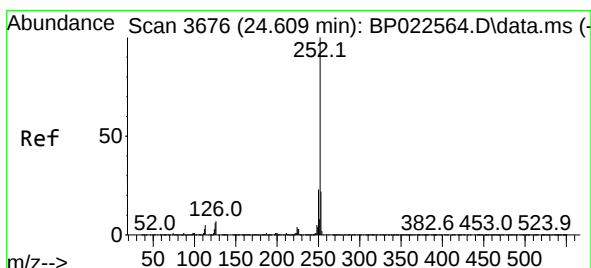
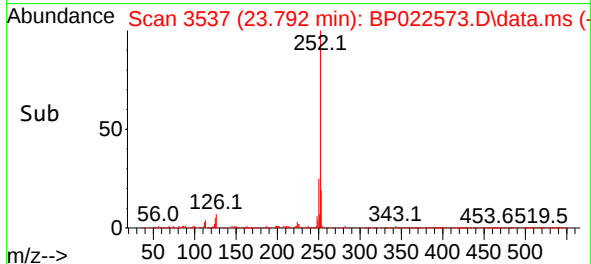
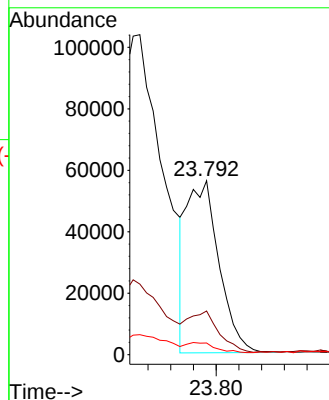
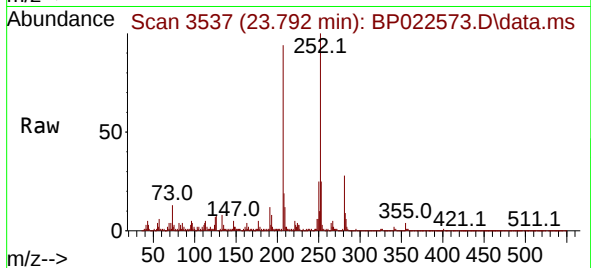
125 6.7 4.6 6.8

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#93

Benzo(a)pyrene

Concen: 1.654 ng/ul

RT: 24.598 min Scan# 3674

Delta R.T. -0.006 min

Lab File: BP022573.D

Acq: 23 Oct 2024 21:37

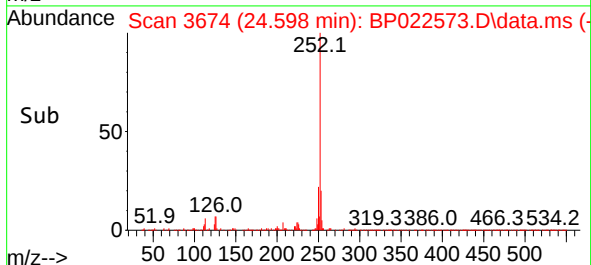
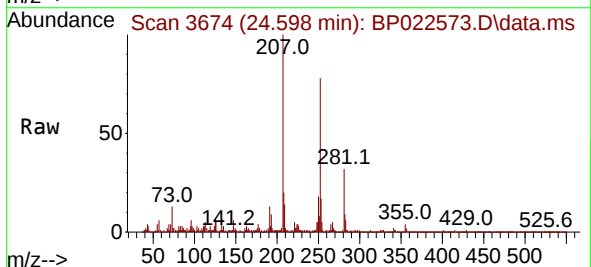
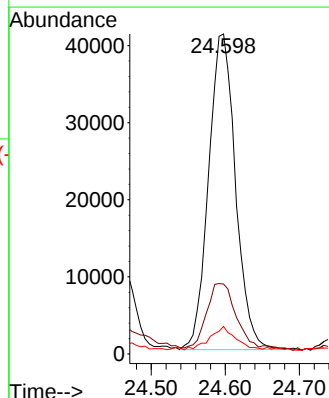
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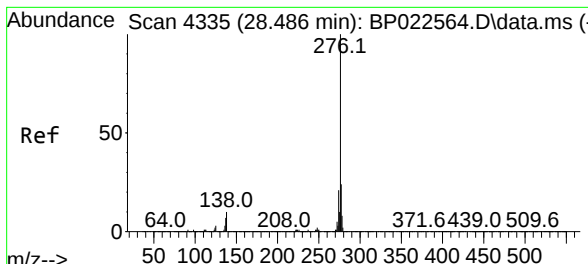
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

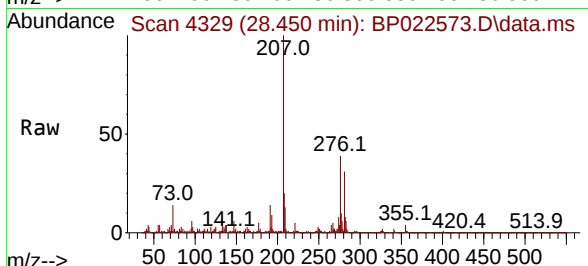
125 8.6 4.9 7.3#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.139 ng/ul
 RT: 28.450 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: BP022573.D
 Acq: 23 Oct 2024 21:37

Instrument :
 BNA_P
 ClientSampleId :
 A4F60



Tgt Ion: 276 Resp: 95194

Ion	Ratio	Lower	Upper
276	100		
138	9.9	9.1	13.7
277	26.8	18.6	27.8

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