

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022569.D
 Acq On : 23 Oct 2024 18:54
 Operator : RC/JU
 Sample : P4415-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F42

Quant Time: Oct 24 01:27:10 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

Manual Integrations APPROVED

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

10/24/2024
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	116601	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	465129	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	357949	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	861154	20.000	ng/u1	-0.02
79) Chrysene-d12	21.498	240	846274	20.000	ng/u1	0.00
88) Perylene-d12	24.768	264	975102	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	7747	2.582	ng/uL	0.00
4) Pyridine-d5	3.611	84	97612	11.850	ng/u1	0.00
7) Phenol-d5	6.852	99	150692	15.353	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	85185	14.767	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	111444	16.002	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	130297	16.634	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	57627	16.113	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	70195	16.953	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	149069	16.939	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	158841	15.275	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	503026	17.687	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	536521	17.762	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.510	143	60469m	12.674	ng/u1	0.00
60) Fluorene-d10	15.269	176	447183	18.128	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	45769	8.081	ng/u1	0.00
73) Anthracene-d10	17.163	188	757826	18.707	ng/u1	0.00
81) Pyrene-d10	19.545	212	906202	20.249	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.539	264	987093	18.955	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.104	178	267640	5.809	ng/u1	99
74) Anthracene	17.204	178	47524	1.034	ng/u1	97
80) Fluoranthene	19.192	202	420343	8.170	ng/u1	99
82) Pyrene	19.575	202	443799	8.048	ng/u1	99
85) Benzo(a)anthracene	21.480	228	184022	3.102	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.410	149	600589	21.794	ng/u1	99
87) Chrysene	21.551	228	180766	3.286	ng/u1	98
90) Benzo(b)fluoranthene	23.727	252	217784	3.548	ng/u1	97
91) Benzo(k)fluoranthene	23.792	252	76042m	1.265	ng/u1	
93) Benzo(a)pyrene	24.604	252	165200	2.924	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.462	276	105037	1.393	ng/u1	97
96) Benzo(g,h,i)perylene	29.615	276	101837m	1.737	ng/u1	

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

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Sample : P4415-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

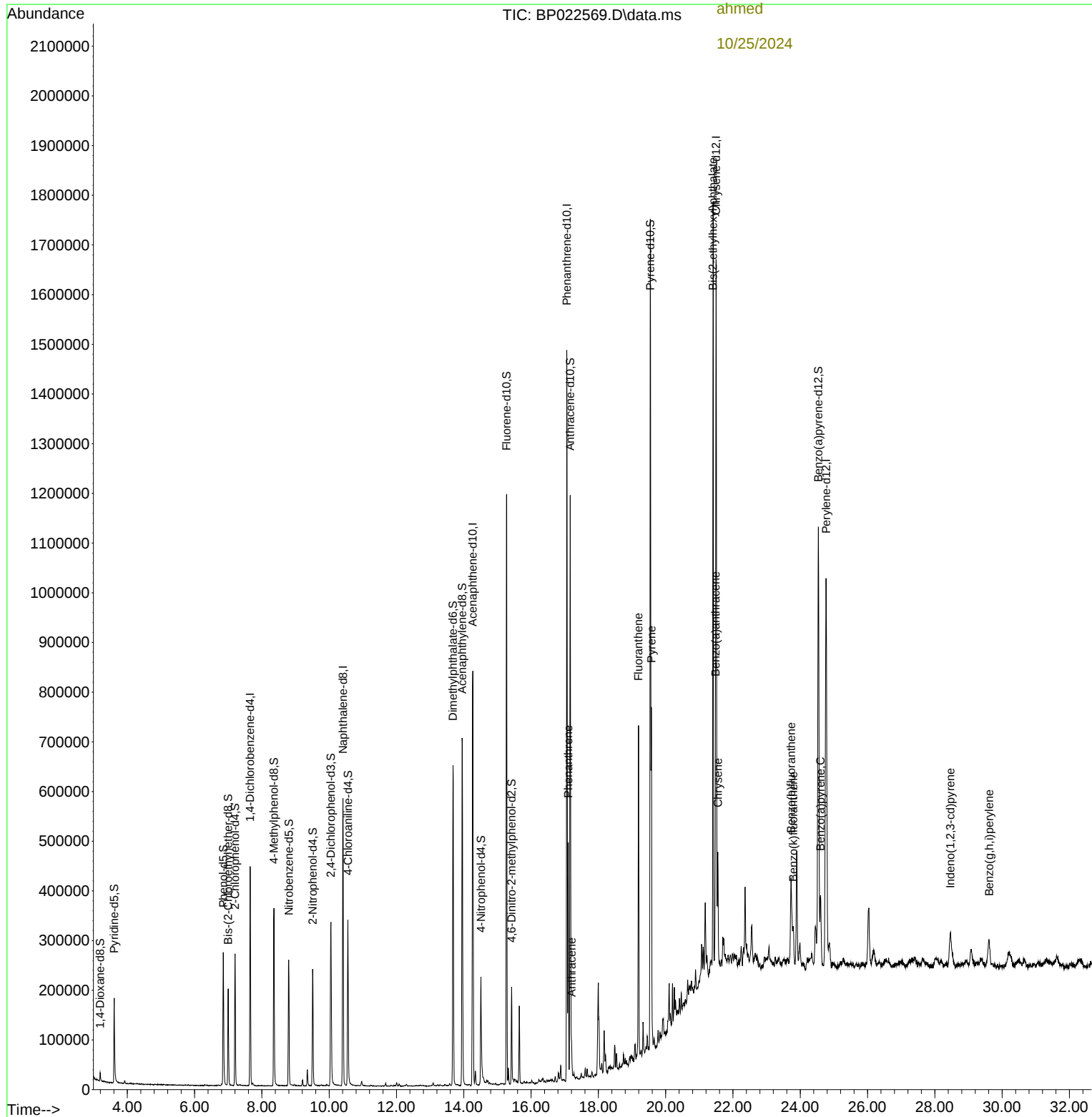
Instrument :
BNA_P
ClientSampleId :
A4F42

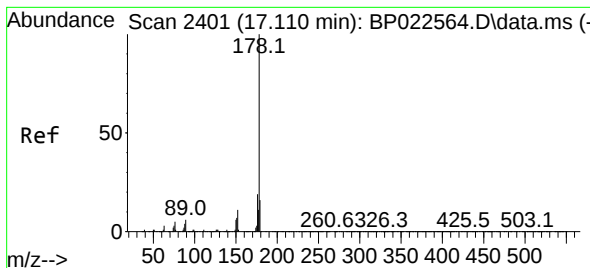
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#72

Phenanthrene

Concen: 5.809 ng/u1

RT: 17.104 min Scan# 2401

Delta R.T. -0.011 min

Lab File: BP022569.D

Acq: 23 Oct 2024 18:54

Instrument :

BNA_P

ClientSampleId :

A4F42

Tgt Ion:178	Resp: 267640
Ion Ratio	Lower Upper
178 100	
179 15.5	12.2 18.4
176 18.7	15.7 23.5

Manual Integrations

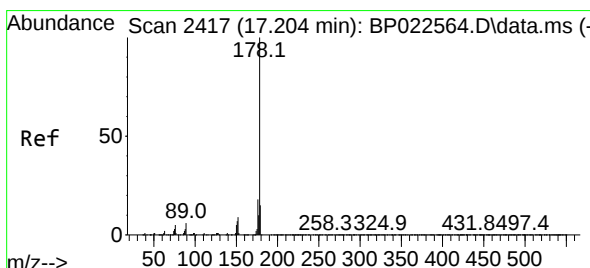
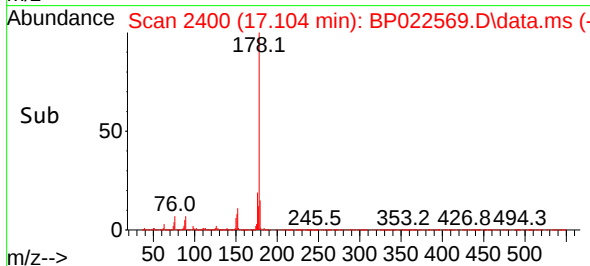
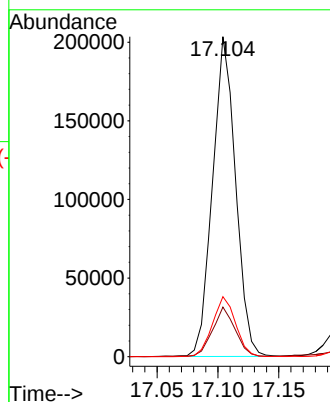
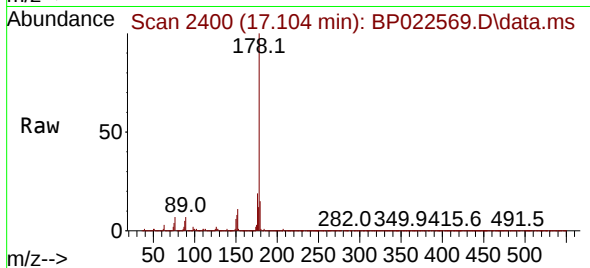
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#74

Anthracene

Concen: 1.034 ng/u1

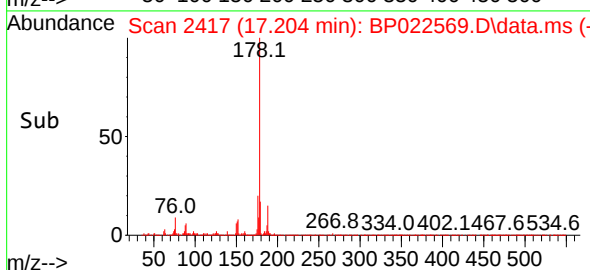
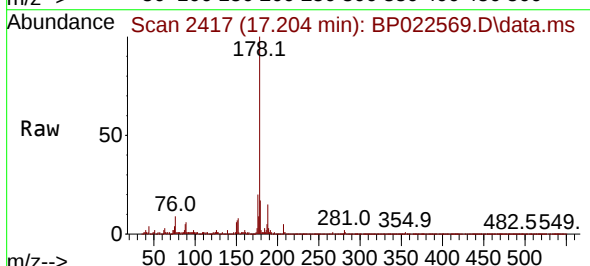
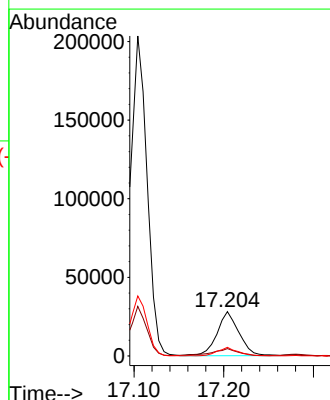
RT: 17.204 min Scan# 2417

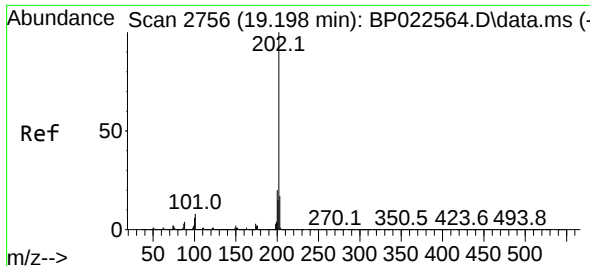
Delta R.T. 0.000 min

Lab File: BP022569.D

Acq: 23 Oct 2024 18:54

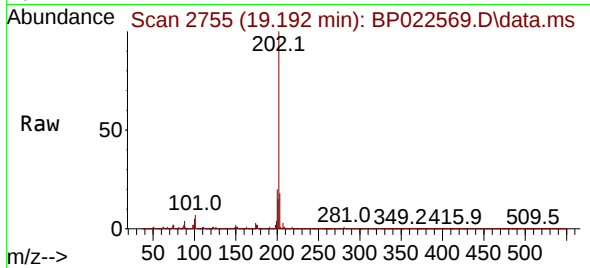
Tgt Ion:178	Resp: 47524
Ion Ratio	Lower Upper
178 100	
179 16.6	12.0 18.0
176 19.6	15.0 22.4





#80
Fluoranthene
Concen: 8.170 ng/u1
RT: 19.192 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP022569.D
Acq: 23 Oct 2024 18:54

Instrument :
BNA_P
ClientSampleId :
A4F42



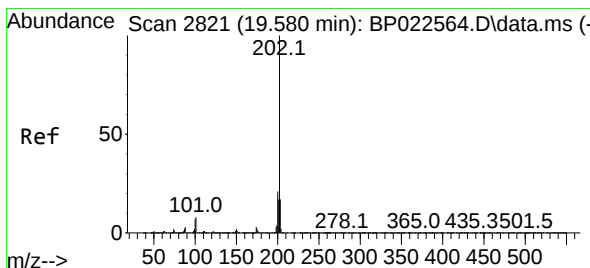
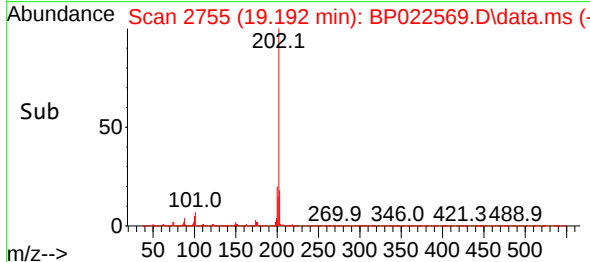
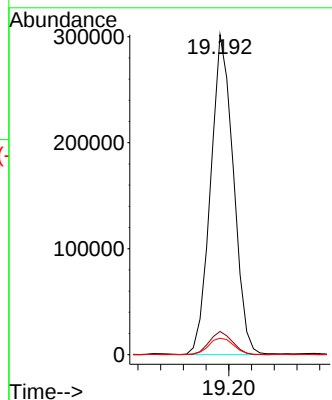
Tgt Ion:202 Resp: 42034
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.8
100 5.2 4.5 6.7

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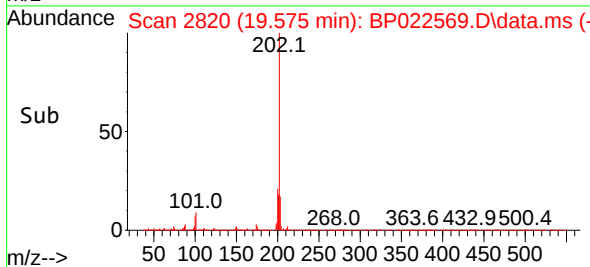
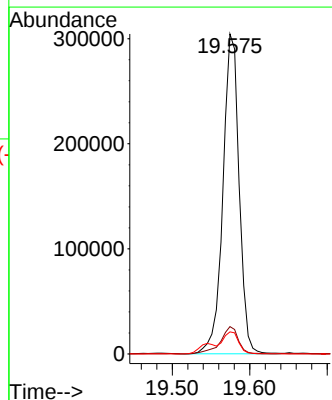
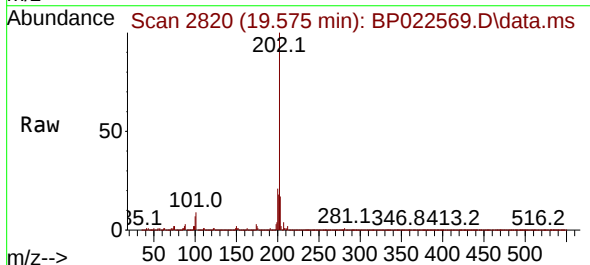
10/24/2024
Supervised By :mohammad
ahmed

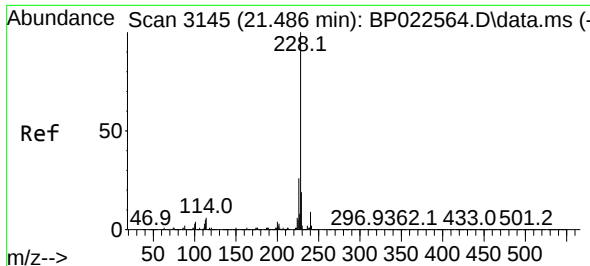
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#82
Pyrene
Concen: 8.048 ng/u1
RT: 19.575 min Scan# 2820
Delta R.T. -0.011 min
Lab File: BP022569.D
Acq: 23 Oct 2024 18:54

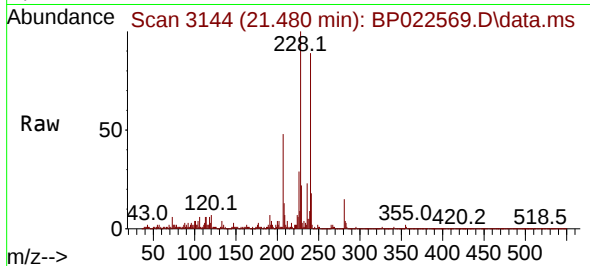
Tgt Ion:202 Resp: 443799
Ion Ratio Lower Upper
202 100
101 8.6 6.7 10.1
100 6.9 5.8 8.6





#85
Benzo(a)anthracene
Concen: 3.102 ng/ul
RT: 21.480 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BP022569.D
Acq: 23 Oct 2024 18:54

Instrument :
BNA_P
ClientSampleId :
A4F42



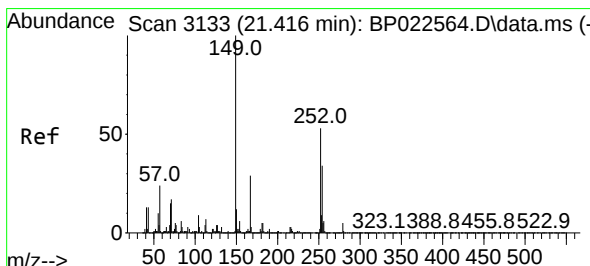
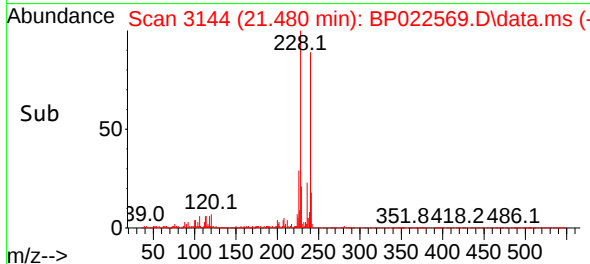
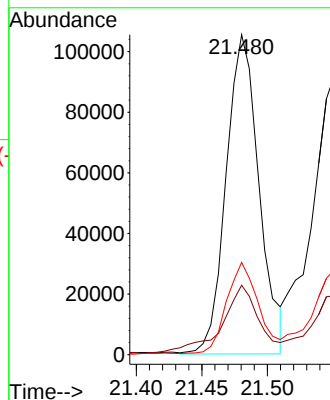
Tgt Ion:228 Resp: 18402
Ion Ratio Lower Upper
228 100
229 21.7 15.4 23.0
226 28.9 21.5 32.3

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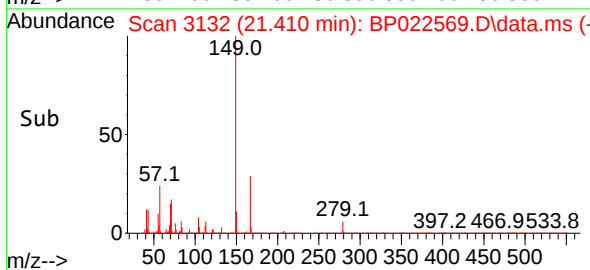
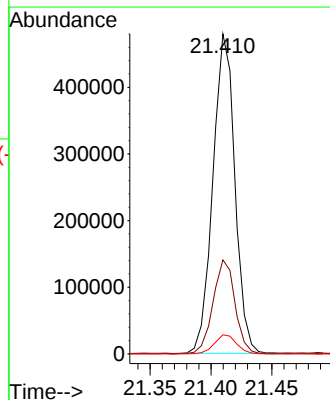
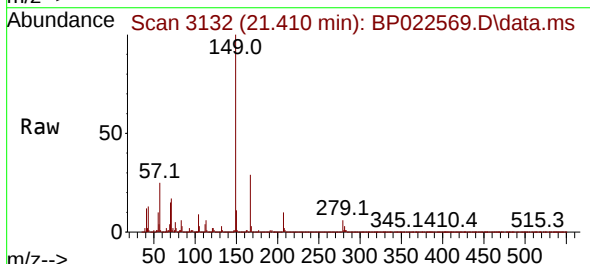
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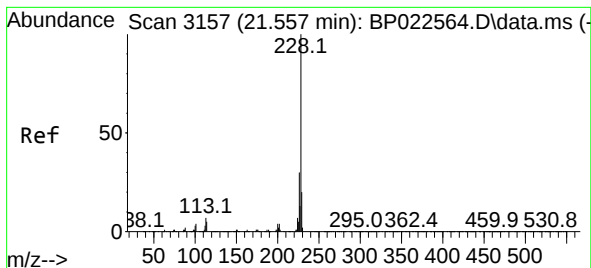
10/25/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 21.794 ng/ul
RT: 21.410 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BP022569.D
Acq: 23 Oct 2024 18:54

Tgt Ion:149 Resp: 600589
Ion Ratio Lower Upper
149 100
167 29.4 23.0 34.4
279 6.0 4.8 7.2





#87

Chrysene

Concen: 3.286 ng/ul

RT: 21.551 min Scan# 3157

Delta R.T. 0.006 min

Lab File: BP022569.D

Acq: 23 Oct 2024 18:54

Instrument :

BNA_P

ClientSampleId :

A4F42

Tgt Ion:	228	Resp:	180760
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.8	35.8
229	21.2	15.5	23.3

Manual Integrations

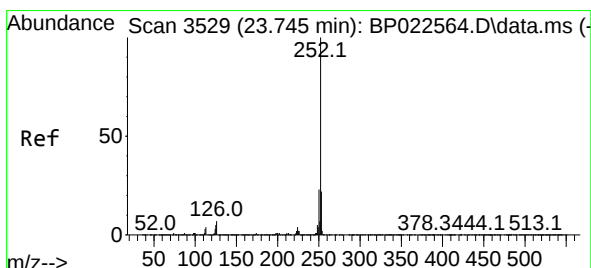
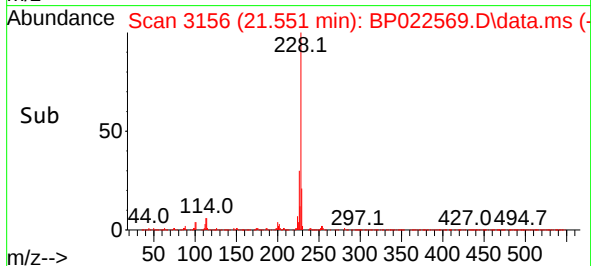
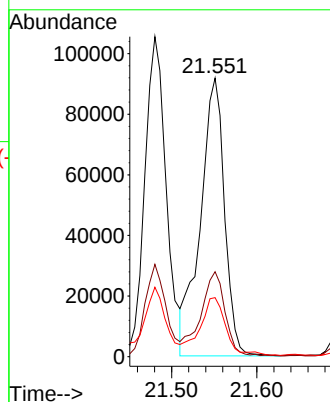
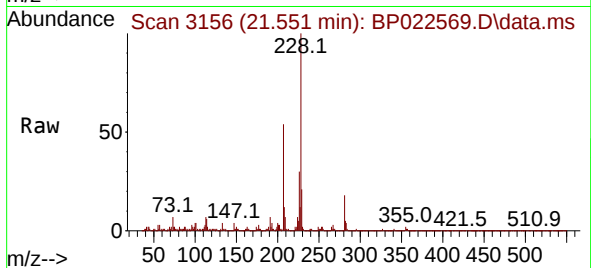
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#90

Benzo(b)fluoranthene

Concen: 3.548 ng/ul

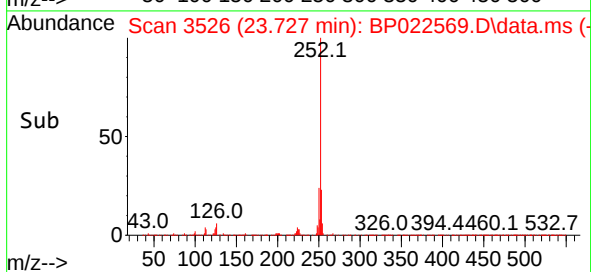
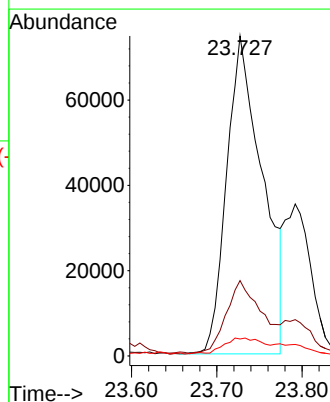
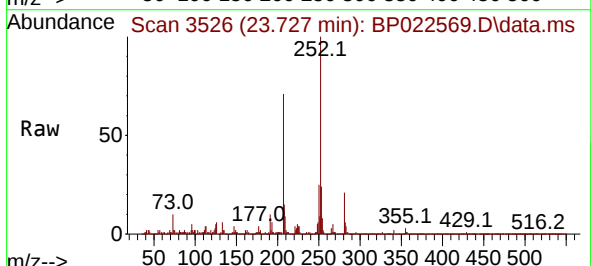
RT: 23.727 min Scan# 3526

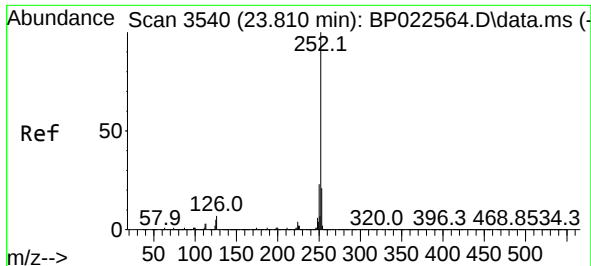
Delta R.T. 0.006 min

Lab File: BP022569.D

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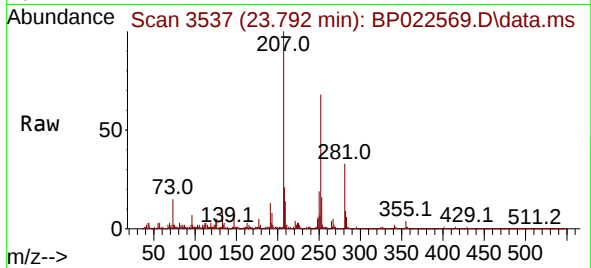
Tgt Ion:	252	Resp:	217784
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.8	26.8
125	5.3	5.0	7.4





#91
Benzo(k)fluoranthene
Concen: 1.265 ng/ul m
RT: 23.792 min Scan# 3540
Delta R.T. 0.000 min
Lab File: BP022569.D
Acq: 23 Oct 2024 18:54

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BNA_P
ClientSampleId :
A4F42



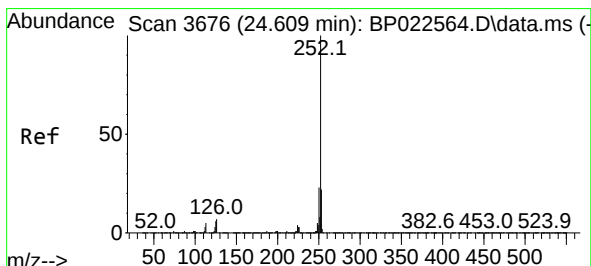
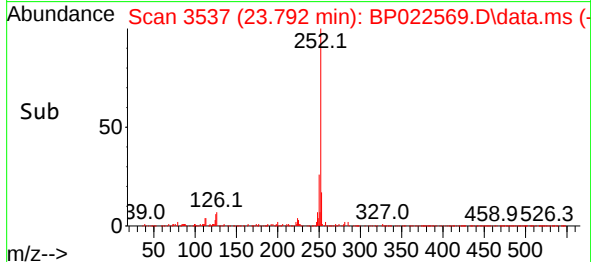
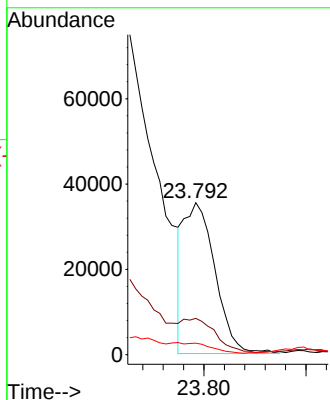
Tgt Ion:252 Resp: 7604
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 7.6 4.6 6.8

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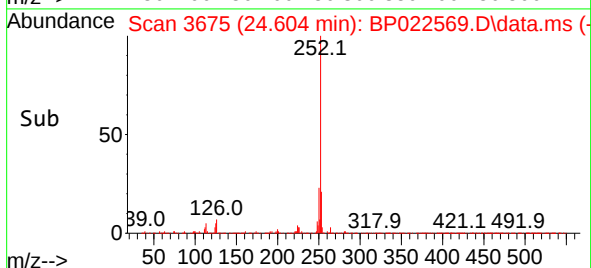
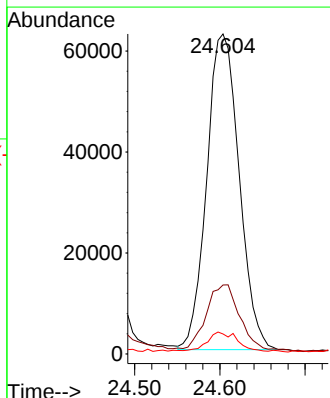
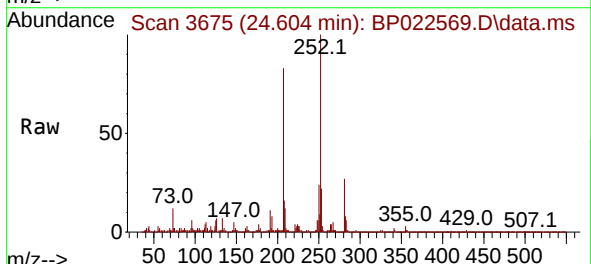
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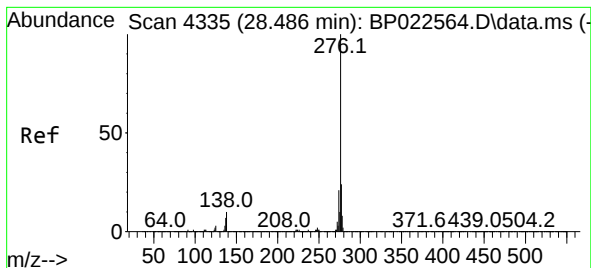
10/25/2024



#93
Benzo(a)pyrene
Concen: 2.924 ng/ul
RT: 24.604 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BP022569.D
Acq: 23 Oct 2024 18:54

Tgt Ion:252 Resp: 165200
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 6.3 4.9 7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.393 ng/ul

RT: 28.462 min Scan# 41

Delta R.T. 0.030 min

Lab File: BP022569.D

Acq: 23 Oct 2024 18:54

Instrument :

BNA_P

ClientSampleId :

A4F42

Tgt Ion:276 Resp: 10503

Ion Ratio Lower Upper

276 100

138 10.3 9.1 13.7

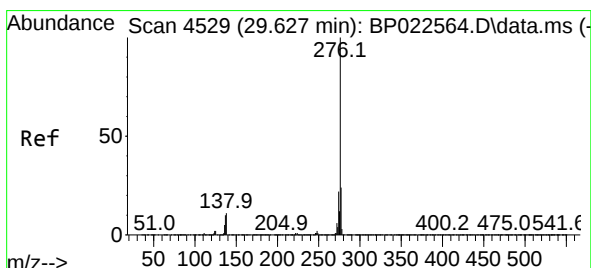
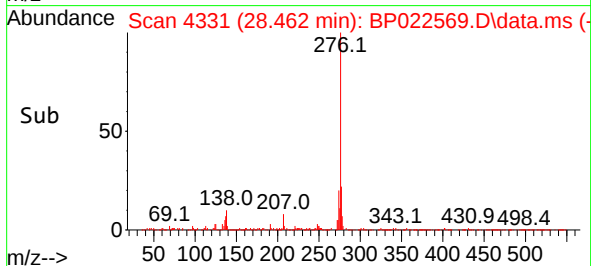
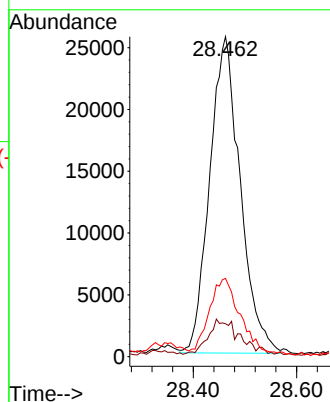
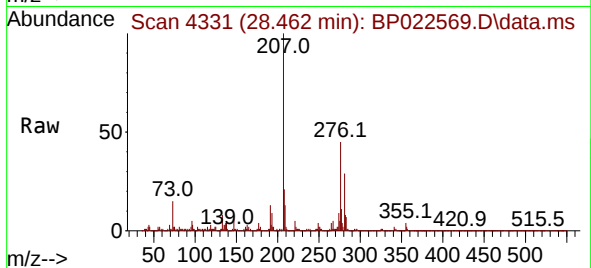
277 24.5 18.6 27.8

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#96

Benzo(g,h,i)perylene

Concen: 1.737 ng/ul m

RT: 29.615 min Scan# 4527

Delta R.T. 0.041 min

Lab File: BP022569.D

Acq: 23 Oct 2024 18:54

Tgt Ion:276 Resp: 101837

Ion Ratio Lower Upper

276 100

138 12.6 8.5 12.7

277 24.0 19.0 28.4

