

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022520.D
 Acq On : 22 Oct 2024 01:36
 Operator : RC/JU
 Sample : P4414-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F95

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 02:08:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	114911	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	447006	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	342675	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	783656	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	761798	20.000	ng/u1	0.00
88) Perylene-d12	24.768	264	903569	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	11045	3.735	ng/uL	0.00
4) Pyridine-d5	3.611	84	150350	18.521	ng/u1	0.00
7) Phenol-d5	6.852	99	225626	23.326	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	136542	24.017	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	176028	25.647	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	195883	25.375	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	89631	26.078	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	109038	27.402	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	214099	25.315	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	229134	22.929	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	696843	25.594	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	760205	26.289	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	87979	19.262	ng/u1	0.00
60) Fluorene-d10	15.287	176	626746	26.540	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	90667	17.592	ng/u1	0.01
73) Anthracene-d10	17.181	188	1003430	27.219	ng/u1	0.01
81) Pyrene-d10	19.563	212	1176235	29.198	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1270481	26.328	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.128	178	119234	2.844	ng/u1	99
80) Fluoranthene	19.210	202	231909	5.007	ng/u1	98
82) Pyrene	19.592	202	223079	4.494	ng/u1	98
85) Benzo(a)anthracene	21.480	228	113196	2.120	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.410	149	81641	3.291	ng/u1	97
87) Chrysene	21.545	228	132314m	2.672	ng/u1	
90) Benzo(b)fluoranthene	23.733	252	176726	3.107	ng/u1	97
93) Benzo(a)pyrene	24.615	252	119378	2.281	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.462	276	85015	1.217	ng/u1	98
96) Benzo(g,h,i)perylene	29.598	276	86914m	1.600	ng/u1	

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

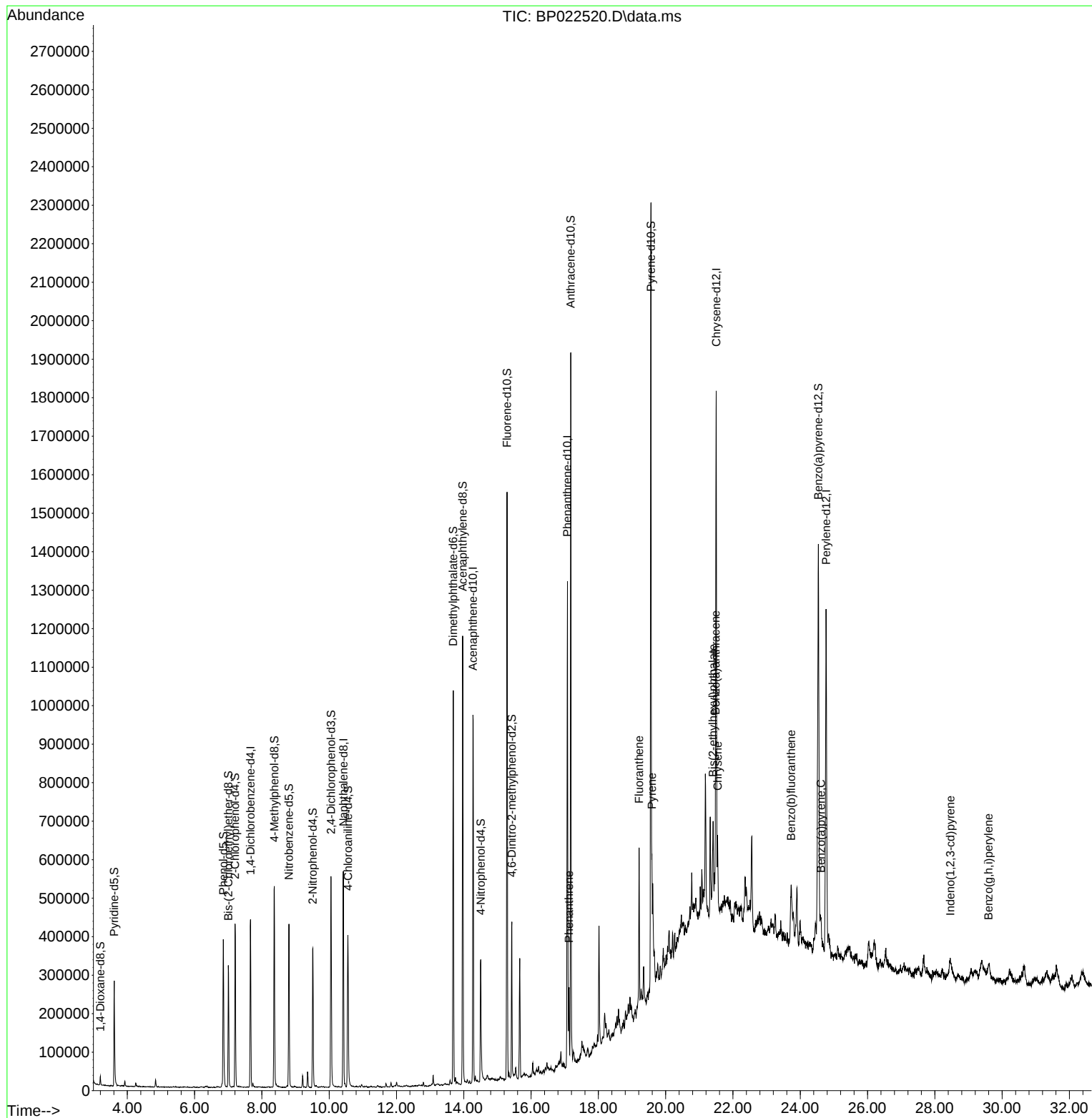
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022520.D
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ALS Vial : 21 Sample Multiplier: 1

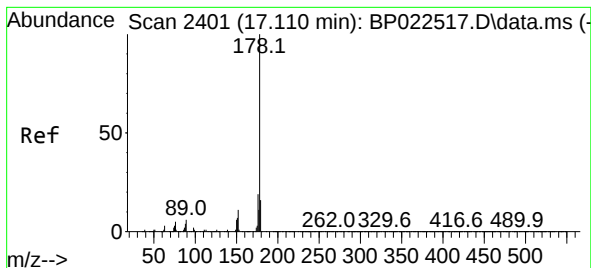
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.844 ng/ul

RT: 17.128 min Scan# 2404

Delta R.T. 0.012 min

Lab File: BP022520.D

Acq: 22 Oct 2024 01:36

Instrument :

BNA_P

ClientSampleId :

A4F95

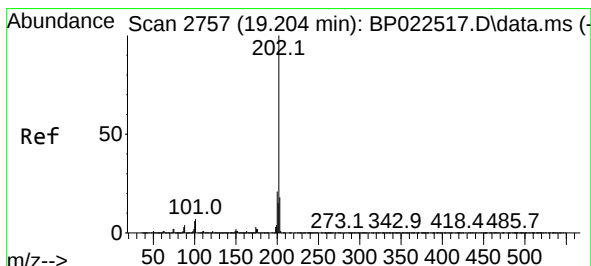
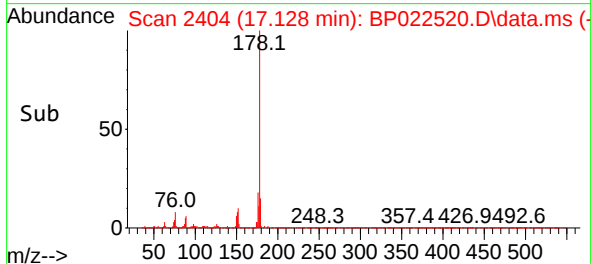
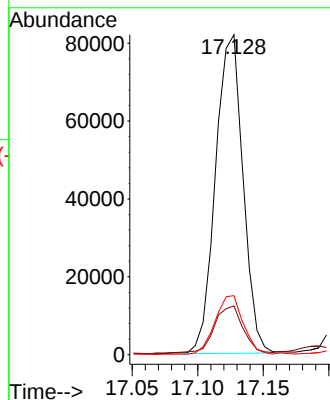
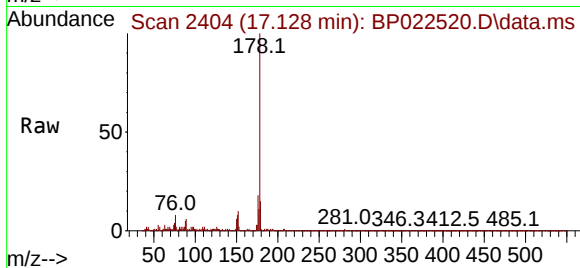
Tgt Ion:178	Resp: 119234
Ion Ratio	Lower Upper
178 100	
179 15.2	12.2 18.4
176 18.5	15.7 23.5

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#80

Fluoranthene

Concen: 5.007 ng/ul

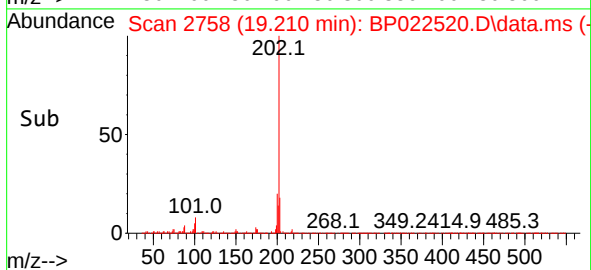
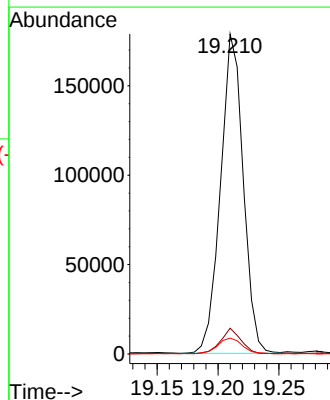
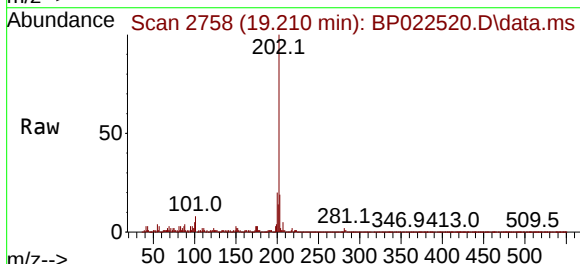
RT: 19.210 min Scan# 2758

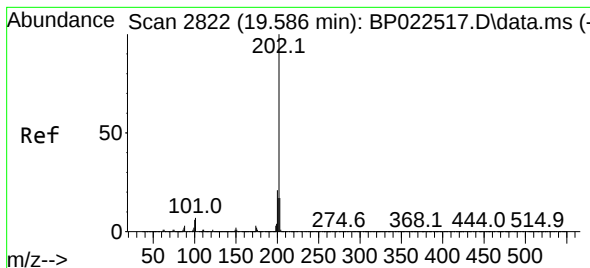
Delta R.T. 0.000 min

Lab File: BP022520.D

Acq: 22 Oct 2024 01:36

Tgt	Ion:202	Resp:	231909
Ion	Ratio	Lower	Upper
202	100		
101	8.1	5.8	8.8
100	5.0	4.5	6.7





#82

Pyrene

Concen: 4.494 ng/ul

RT: 19.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP022520.D

Acq: 22 Oct 2024 01:36

Instrument :

BNA_P

ClientSampleId :

A4F95

Tgt Ion:202 Resp: 223079

Ion Ratio Lower Upper

202 100

101 7.8 6.7 10.1

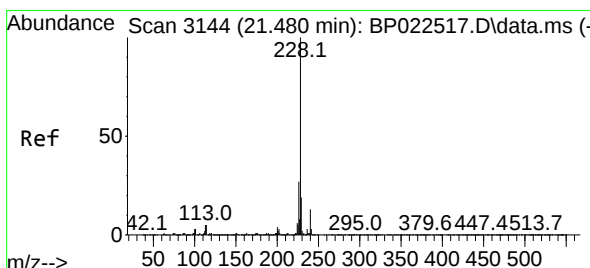
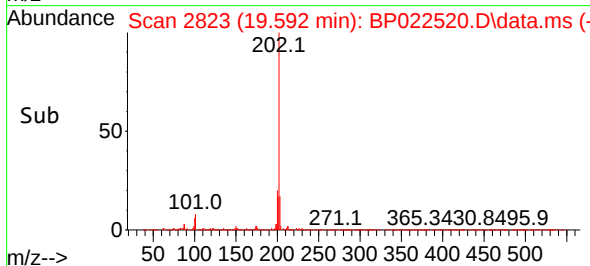
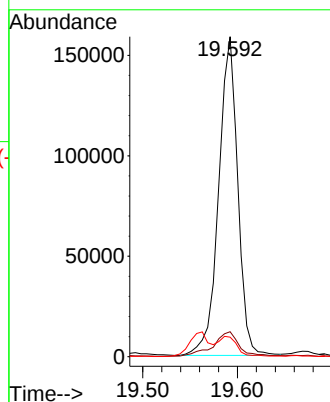
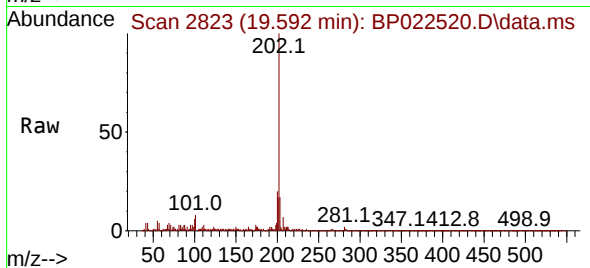
100 6.1 5.8 8.6

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#85

Benzo(a)anthracene

Concen: 2.120 ng/ul

RT: 21.480 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BP022520.D

Acq: 22 Oct 2024 01:36

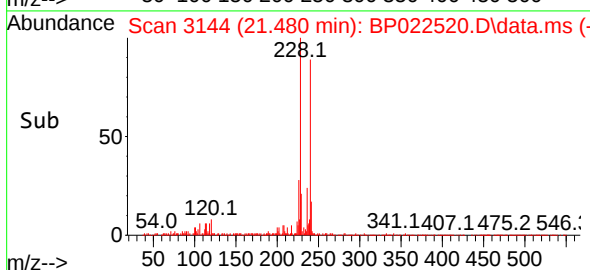
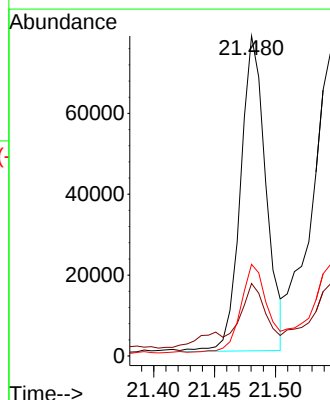
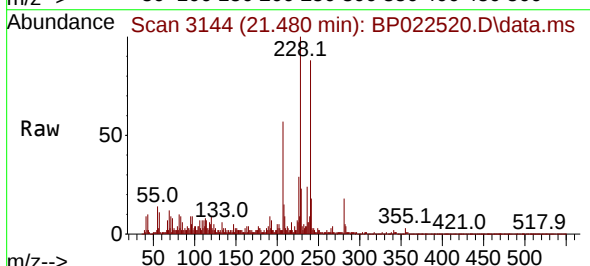
Tgt Ion:228 Resp: 113196

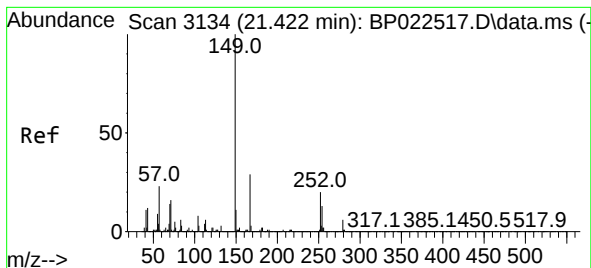
Ion Ratio Lower Upper

228 100

229 22.6 15.4 23.0

226 28.7 21.5 32.3





#86

Bis(2-ethylhexyl)phthalate

Concen: 3.291 ng/ul

RT: 21.410 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP022520.D

Acq: 22 Oct 2024 01:36

Instrument :

BNA_P

ClientSampleId :

A4F95

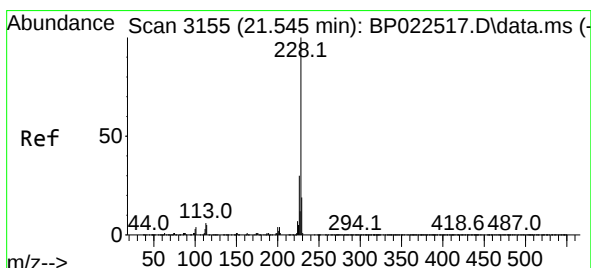
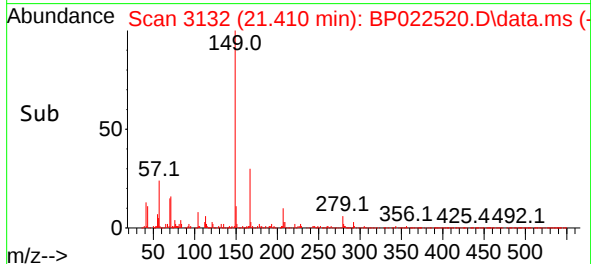
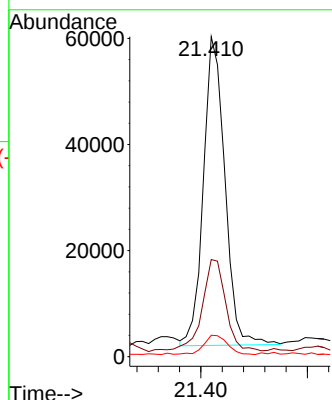
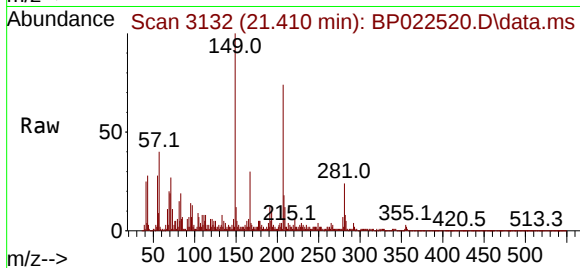
Tgt Ion:	149	Resp:	8164
Ion Ratio	Lower	Upper	
149	100		
167	30.3	23.0	34.4
279	6.7	4.8	7.2

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#87

Chrysene

Concen: 2.672 ng/ul m

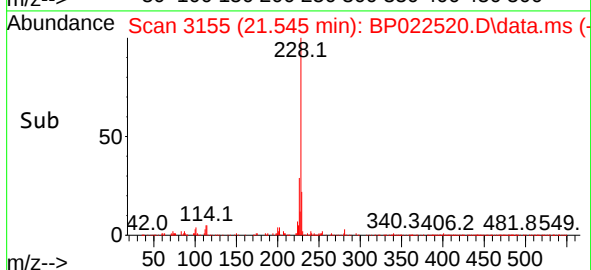
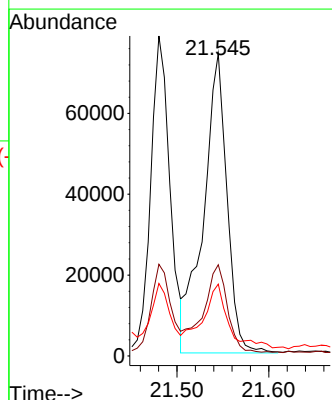
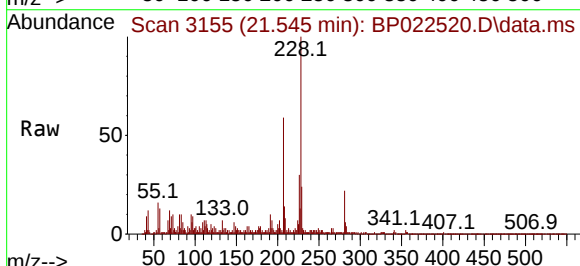
RT: 21.545 min Scan# 3155

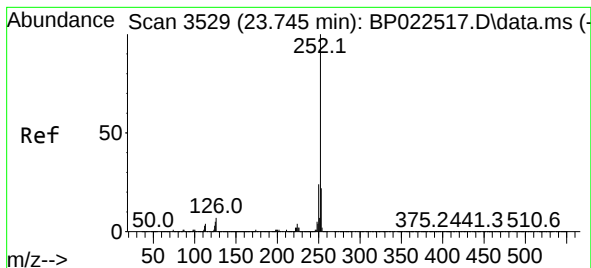
Delta R.T. 0.000 min

Lab File: BP022520.D

Acq: 22 Oct 2024 01:36

Tgt Ion:	228	Resp:	132314
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.8
229	23.7	15.5	23.3





#90

Benzo(b)fluoranthene

Concen: 3.107 ng/ul

RT: 23.733 min Scan# 3529

Delta R.T. 0.012 min

Lab File: BP022520.D

Acq: 22 Oct 2024 01:36

Instrument :

BNA_P

ClientSampleId :

A4F95

Tgt Ion:252 Resp: 176720

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

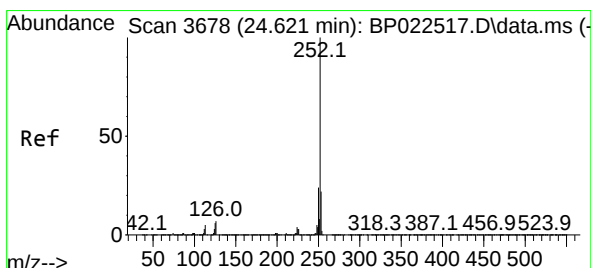
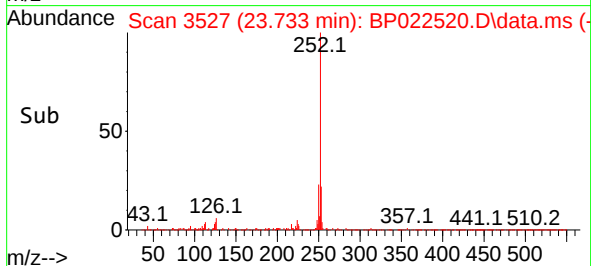
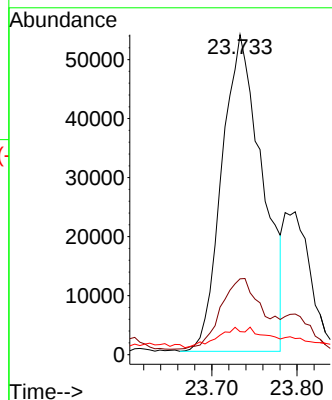
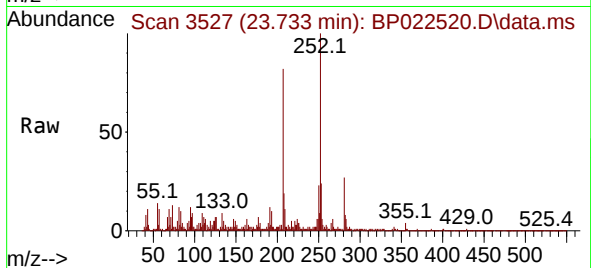
125 7.2 5.0 7.4

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#93

Benzo(a)pyrene

Concen: 2.281 ng/ul

RT: 24.615 min Scan# 3677

Delta R.T. 0.012 min

Lab File: BP022520.D

Acq: 22 Oct 2024 01:36

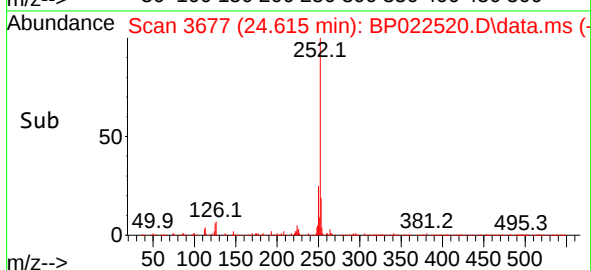
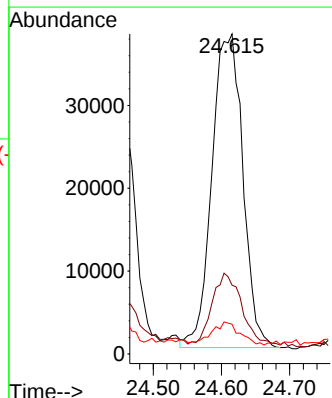
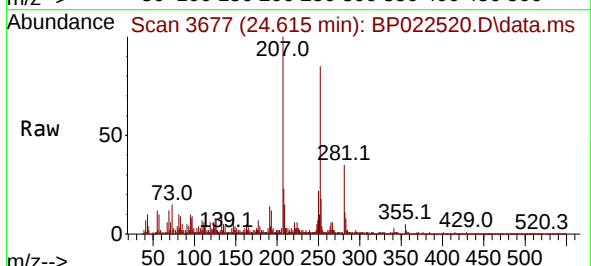
Tgt Ion:252 Resp: 119378

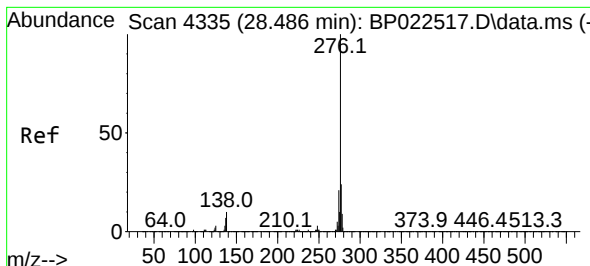
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 9.3 4.9 7.3#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.217 ng/ul

RT: 28.462 min Scan# 4335

Delta R.T. 0.030 min

Lab File: BP022520.D

Acq: 22 Oct 2024 01:36

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BNA_P

ClientSampleId :

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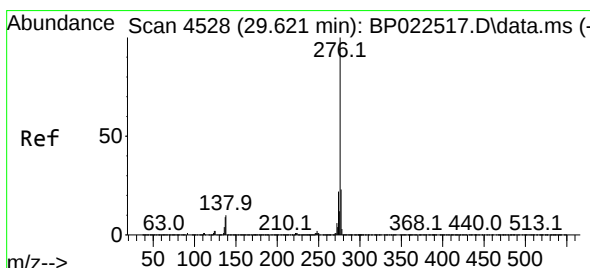
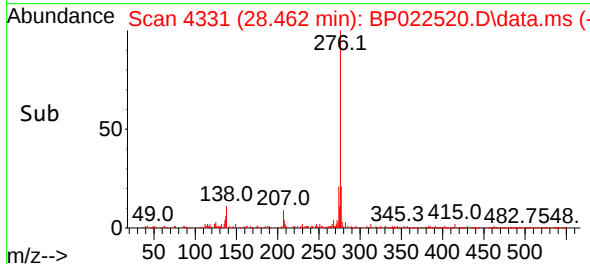
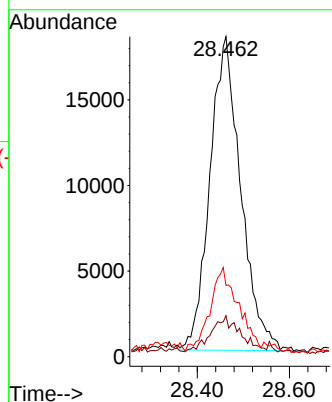
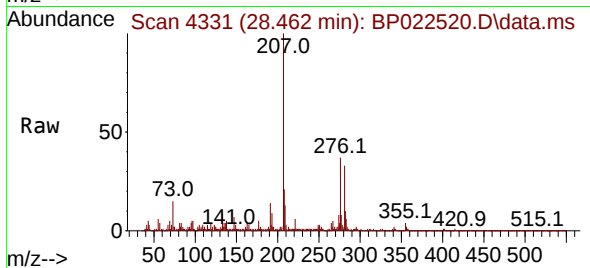
Tgt Ion:	276	Resp:	8501
Ion Ratio	Lower	Upper	
276	100		
138	12.8	9.1	13.7
277	22.3	18.6	27.8

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#96

Benzo(g,h,i)perylene

Concen: 1.600 ng/ul m

RT: 29.598 min Scan# 4524

Delta R.T. 0.024 min

Lab File: BP022520.D

Acq: 22 Oct 2024 01:36

Tgt Ion:	276	Resp:	86914
Ion Ratio	Lower	Upper	
276	100		
138	9.8	8.5	12.7
277	22.7	19.0	28.4

