

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022546.D
 Acq On : 22 Oct 2024 21:11
 Operator : RC/JU
 Sample : P4414-20
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F80

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 01:56:46 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	114678	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	442880	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	351367	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	853420	20.000	ng/u1	-0.01
79) Chrysene-d12	21.498	240	855218	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	1004158	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	4043	1.370	ng/uL	0.00
4) Pyridine-d5	3.622	84	11544	1.425	ng/u1	0.01
7) Phenol-d5	6.858	99	73448	7.609	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	44701	7.879	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	56987	8.320	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	54451	7.068	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	26799	7.870	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	32344	8.204	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	65414	7.807	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	44889	4.534	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	230015	8.239	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	244313	8.240	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	21664	4.626	ng/u1	0.02
60) Fluorene-d10	15.281	176	213452	8.815	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	16327	2.909	ng/u1	0.00
73) Anthracene-d10	17.175	188	351816	8.763	ng/u1	0.00
81) Pyrene-d10	19.539	212	388091	8.581	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.533	264	334907	6.245	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	6.887	94	11204	1.116	ng/u1	98
16) Acetophenone	8.475	105	47315	3.720	ng/u1	93
72) Phenanthrene	17.110	178	252322	5.526	ng/u1	99
80) Fluoranthene	19.198	202	326324	6.276	ng/u1	99
82) Pyrene	19.580	202	260883	4.682	ng/u1	99
85) Benzo(a)anthracene	21.480	228	146116	2.437	ng/u1	98
87) Chrysene	21.545	228	155678m	2.800	ng/u1	
90) Benzo(b)fluoranthene	23.727	252	167381	2.648	ng/u1#	94
91) Benzo(k)fluoranthene	23.792	252	63790m	1.031	ng/u1	
93) Benzo(a)pyrene	24.598	252	69201	1.190	ng/u1#	93

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

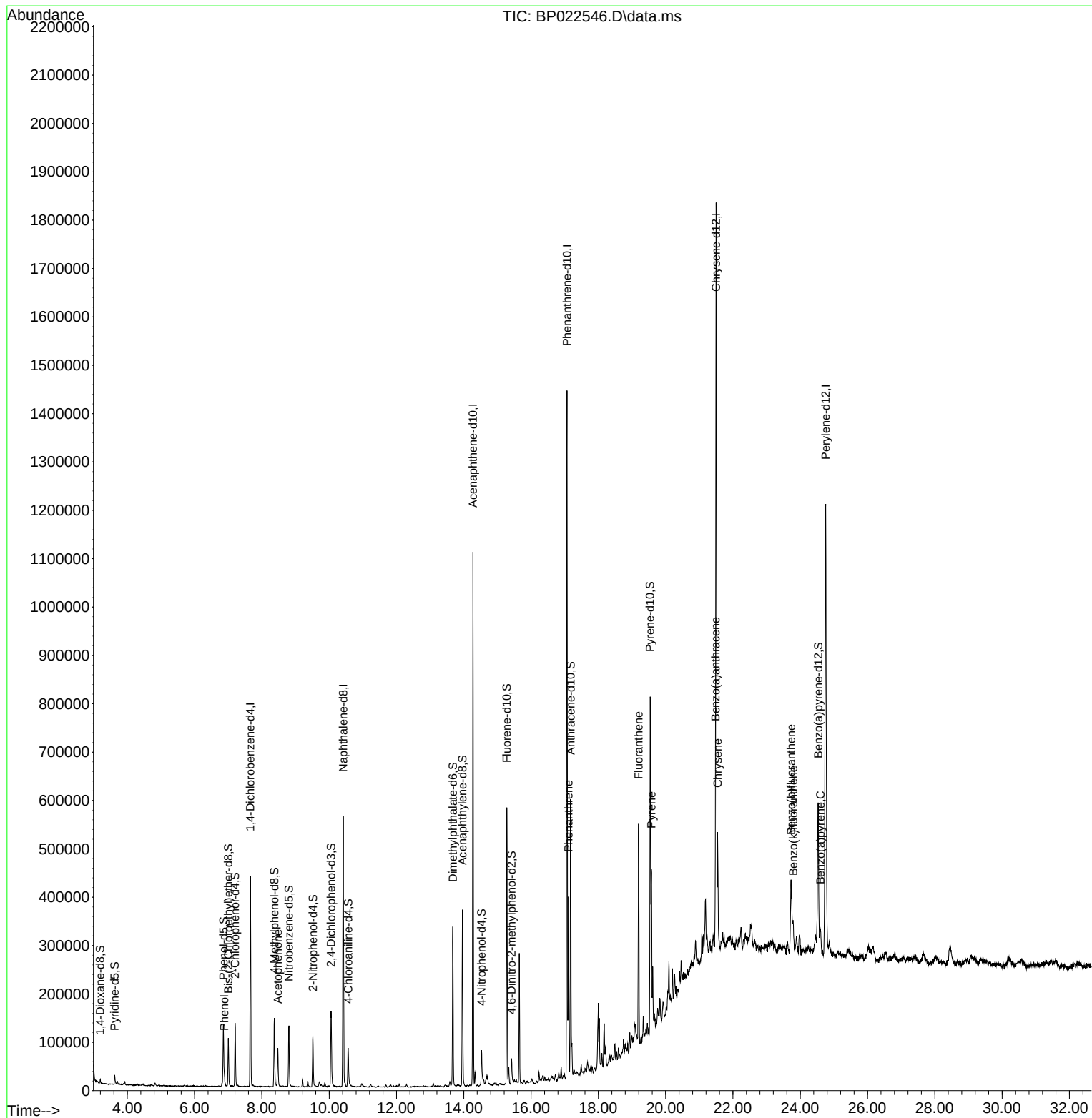
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
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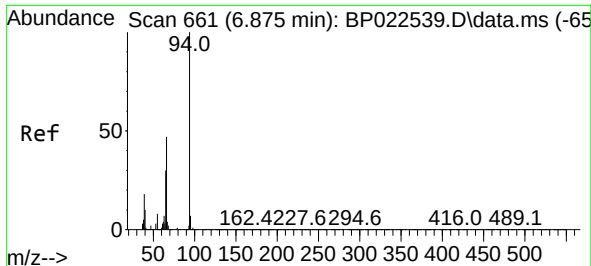
Instrument :
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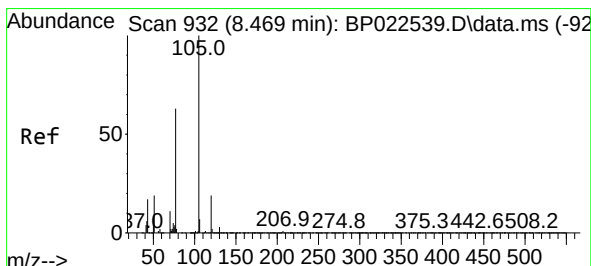
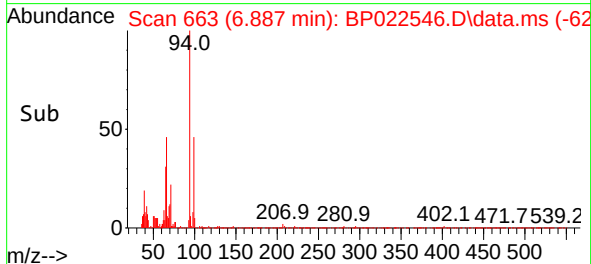
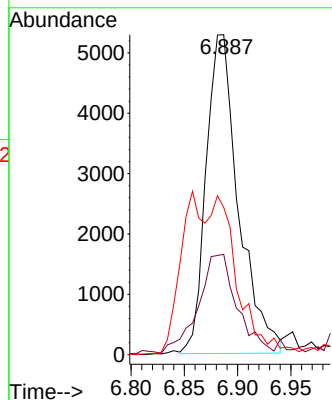
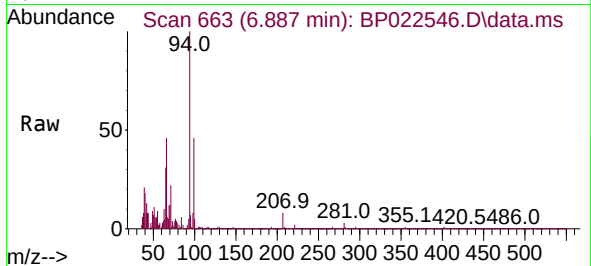
#8
Phenol
Concen: 1.116 ng/ul
RT: 6.887 min Scan# 661
Delta R.T. 0.006 min
Lab File: BP022546.D
Acq: 22 Oct 2024 21:11

Instrument :
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ClientSampleId :
A4F80

Tgt Ion: 94 Resp: 11204
Ion Ratio Lower Upper
94 100
65 31.4 25.9 38.9
66 46.0 37.6 56.4

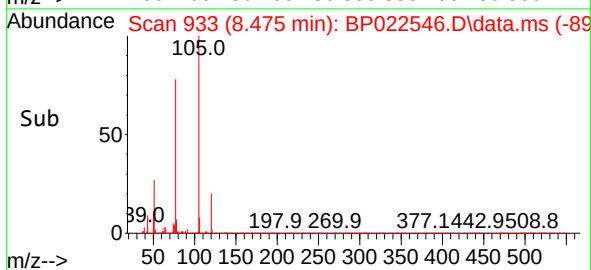
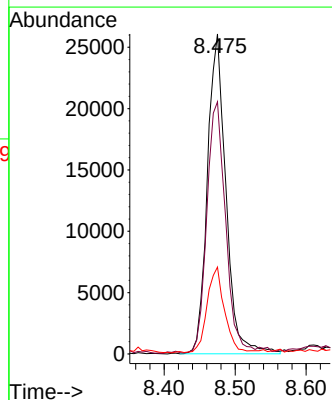
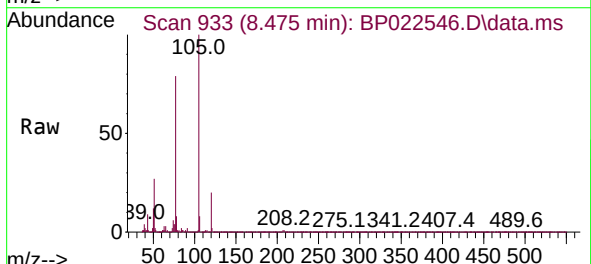
Manual Integrations
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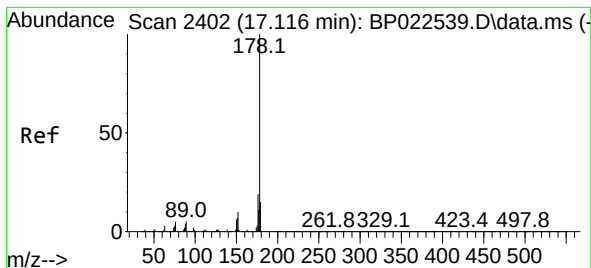
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#16
Acetophenone
Concen: 3.720 ng/ul
RT: 8.475 min Scan# 933
Delta R.T. 0.006 min
Lab File: BP022546.D
Acq: 22 Oct 2024 21:11

Tgt Ion:105 Resp: 47315
Ion Ratio Lower Upper
105 100
77 78.8 69.0 103.4
51 27.1 22.6 33.8





#72

Phenanthrene

Concen: 5.526 ng/ul

RT: 17.110 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BP022546.D

Acq: 22 Oct 2024 21:11

Instrument :

BNA_P

ClientSampleId :

A4F80

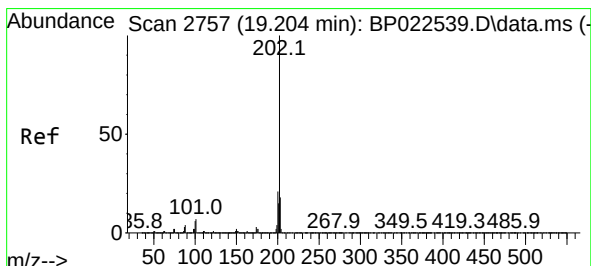
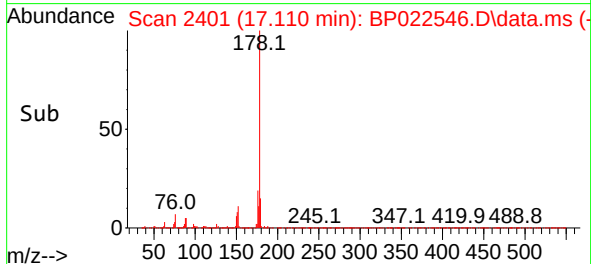
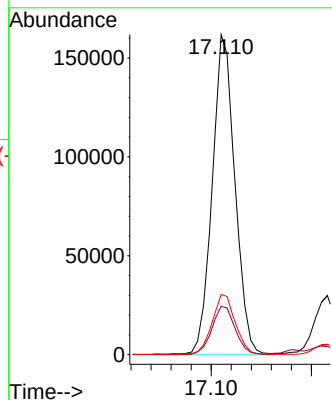
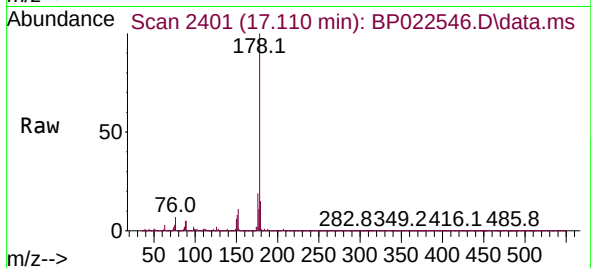
Tgt Ion:178	Resp: 25232
Ion Ratio	Lower Upper
178 100	
179 15.1	12.2 18.4
176 18.8	15.7 23.5

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#80

Fluoranthene

Concen: 6.276 ng/ul

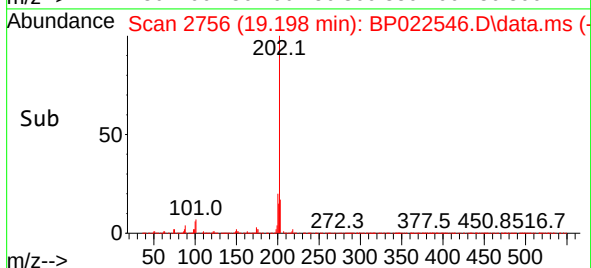
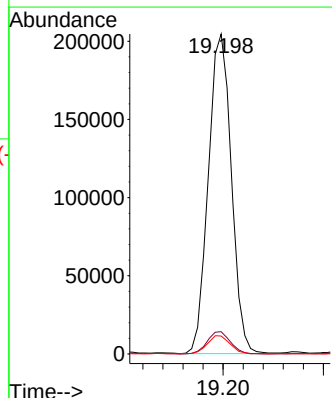
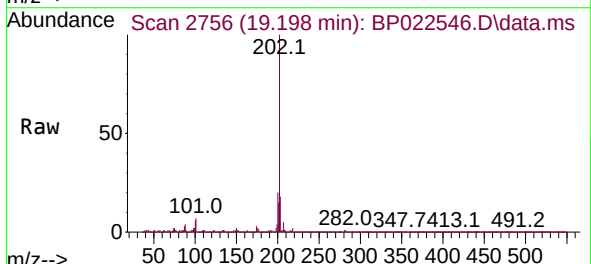
RT: 19.198 min Scan# 2756

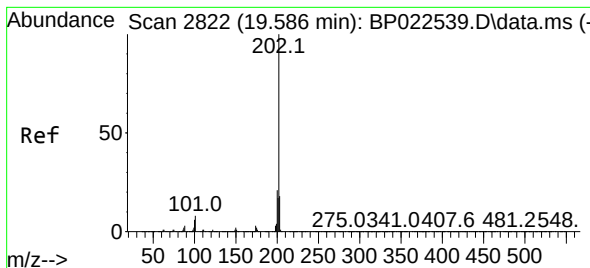
Delta R.T. -0.011 min

Lab File: BP022546.D

Acq: 22 Oct 2024 21:11

Tgt Ion:202	Resp: 326324
Ion Ratio	Lower Upper
202 100	
101 7.0	5.8 8.8
100 5.6	4.5 6.7





#82

Pyrene

Concen: 4.682 ng/ul

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022546.D

Acq: 22 Oct 2024 21:11

Instrument :

BNA_P

ClientSampleId :

A4F80

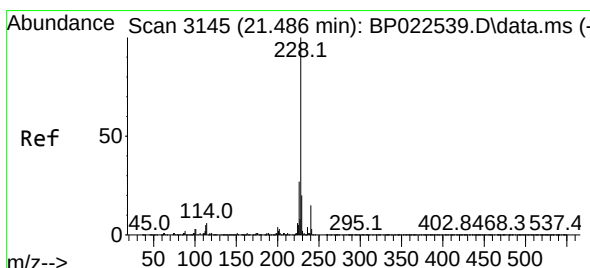
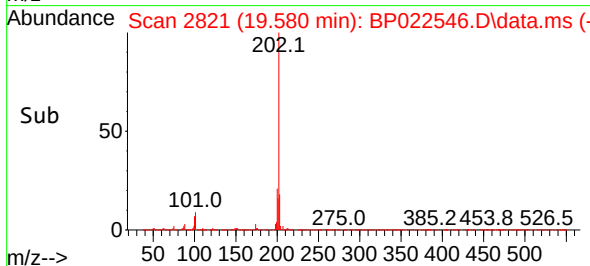
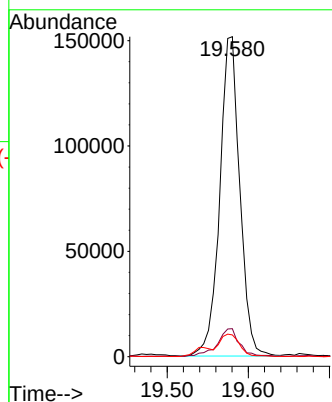
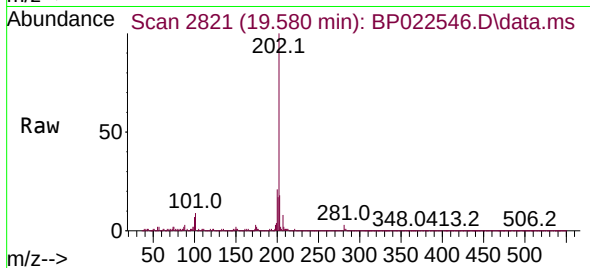
Tgt Ion:	202	Resp:	26088
Ion Ratio	Lower	Upper	
202	100		
101	8.8	6.7	10.1
100	6.8	5.8	8.6

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#85

Benzo(a)anthracene

Concen: 2.437 ng/ul

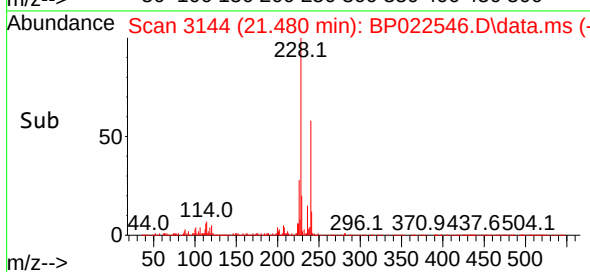
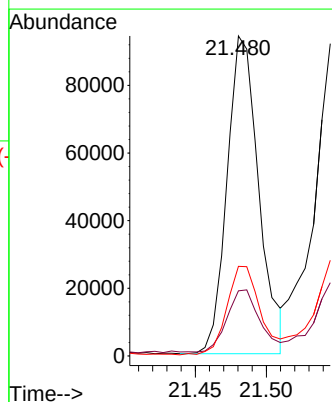
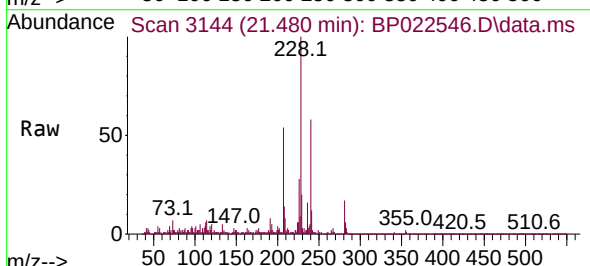
RT: 21.480 min Scan# 3144

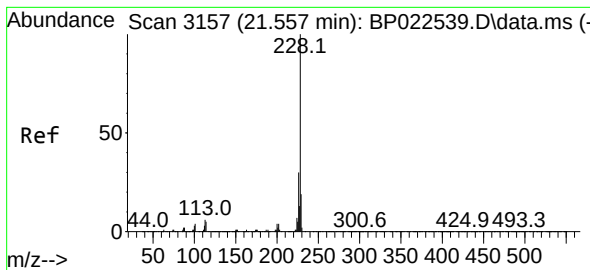
Delta R.T. 0.000 min

Lab File: BP022546.D

Acq: 22 Oct 2024 21:11

Tgt Ion:	228	Resp:	146116
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.4	23.0
226	28.0	21.5	32.3





#87

Chrysene

Concen: 2.800 ng/ul m

RT: 21.545 min Scan# 3157

Delta R.T. 0.000 min

Lab File: BP022546.D

Acq: 22 Oct 2024 21:11

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BNA_P

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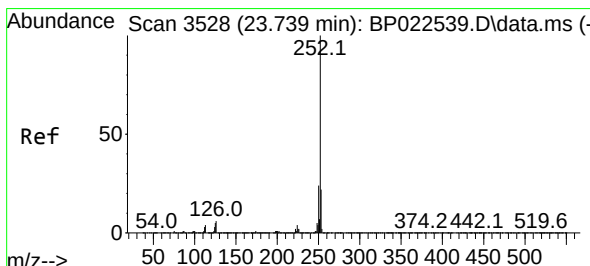
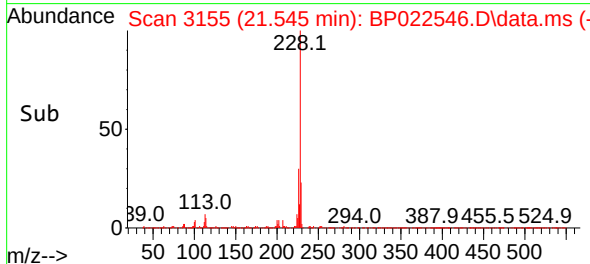
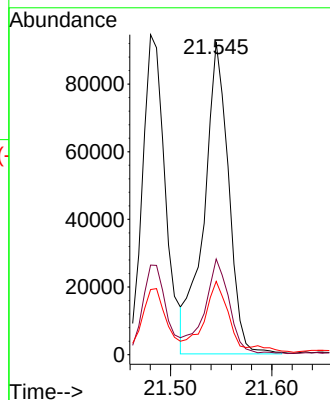
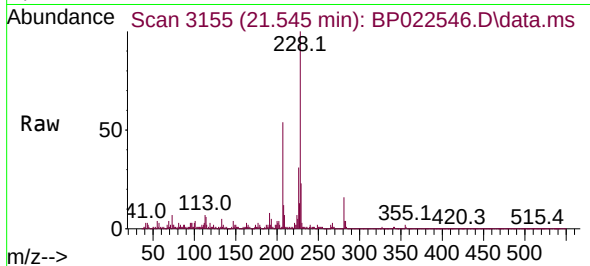
Tgt Ion:228	Resp: 155678
Ion Ratio	Lower Upper
228 100	
226 30.7	23.8 35.8
229 23.5	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 2.648 ng/ul

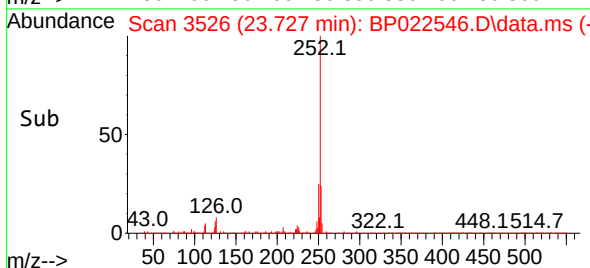
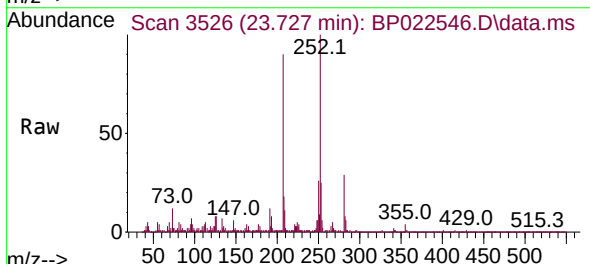
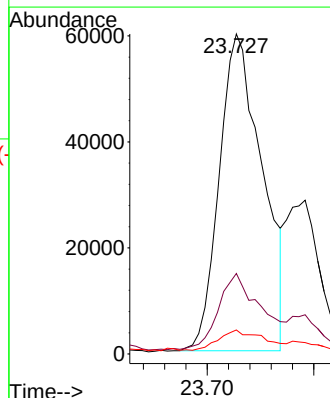
RT: 23.727 min Scan# 3526

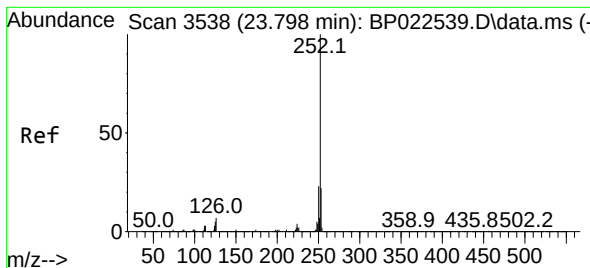
Delta R.T. 0.006 min

Lab File: BP022546.D

Acq: 22 Oct 2024 21:11

Tgt Ion:252	Resp: 167381
Ion Ratio	Lower Upper
252 100	
253 25.2	17.8 26.8
125 7.5	5.0 7.4





#91

Benzo(k)fluoranthene

Concen: 1.031 ng/ul m

RT: 23.792 min Scan# 3538

Delta R.T. 0.000 min

Lab File: BP022546.D

Acq: 22 Oct 2024 21:11

Instrument :

BNA_P

ClientSampleId :

A4F80

Tgt Ion:252 Resp: 63790

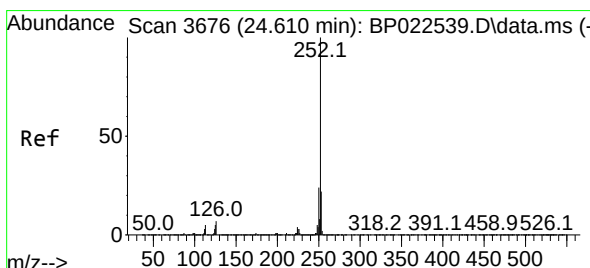
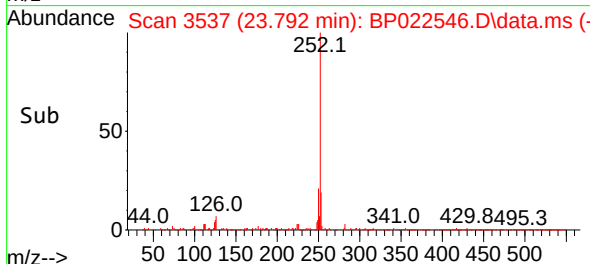
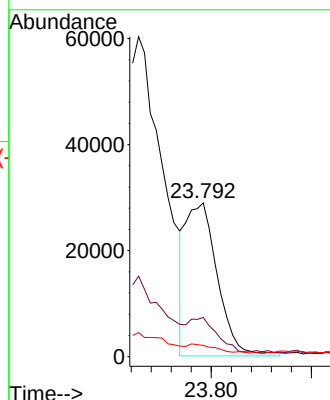
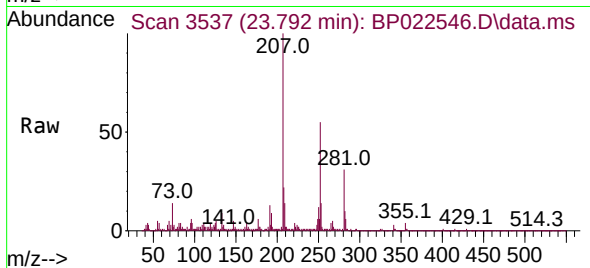
Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.0
125	7.4	4.6	6.8

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#93

Benzo(a)pyrene

Concen: 1.190 ng/ul

RT: 24.598 min Scan# 3674

Delta R.T. -0.006 min

Lab File: BP022546.D

Acq: 22 Oct 2024 21:11

Tgt Ion:252 Resp: 69201

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.7	26.5
125	8.0	4.9	7.3

