

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
 Data File : BP022344.D
 Acq On : 11 Oct 2024 21:36
 Operator : RC/JU
 Sample : P4237-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F22

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 12 01:17:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	104043	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	408795	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	332149	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	787425	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	779630	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	951285	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	4643	1.734	ng/uL	0.00
4) Pyridine-d5	3.652	84	8946	1.217	ng/u1	0.02
7) Phenol-d5	6.893	99	97054	11.082	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	56585	10.993	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	72923	11.734	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	70257	10.052	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	35950	11.437	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	44081	12.113	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	88260	11.411	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	84060	9.198	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	308761	11.700	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	337174	12.029	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	41462m	9.365	ng/u1	0.00
60) Fluorene-d10	15.316	176	283323	12.378	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	38787	7.490	ng/u1	0.00
73) Anthracene-d10	17.210	188	463708	12.518	ng/u1	0.00
81) Pyrene-d10	19.592	212	513960	12.466	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	442350	8.707	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.516	105	16487m	1.429	ng/u1	
72) Phenanthrene	17.151	178	51630	1.226	ng/u1	96
80) Fluoranthene	19.239	202	123661	2.609	ng/u1	99
82) Pyrene	19.616	202	102459	2.017	ng/u1	98
85) Benzo(a)anthracene	21.527	228	62279m	1.139	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.457	149	50891	2.005	ng/u1	98
87) Chrysene	21.592	228	69932	1.380	ng/u1	96
90) Benzo(b)fluoranthene	23.792	252	99283	1.658	ng/u1#	96

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

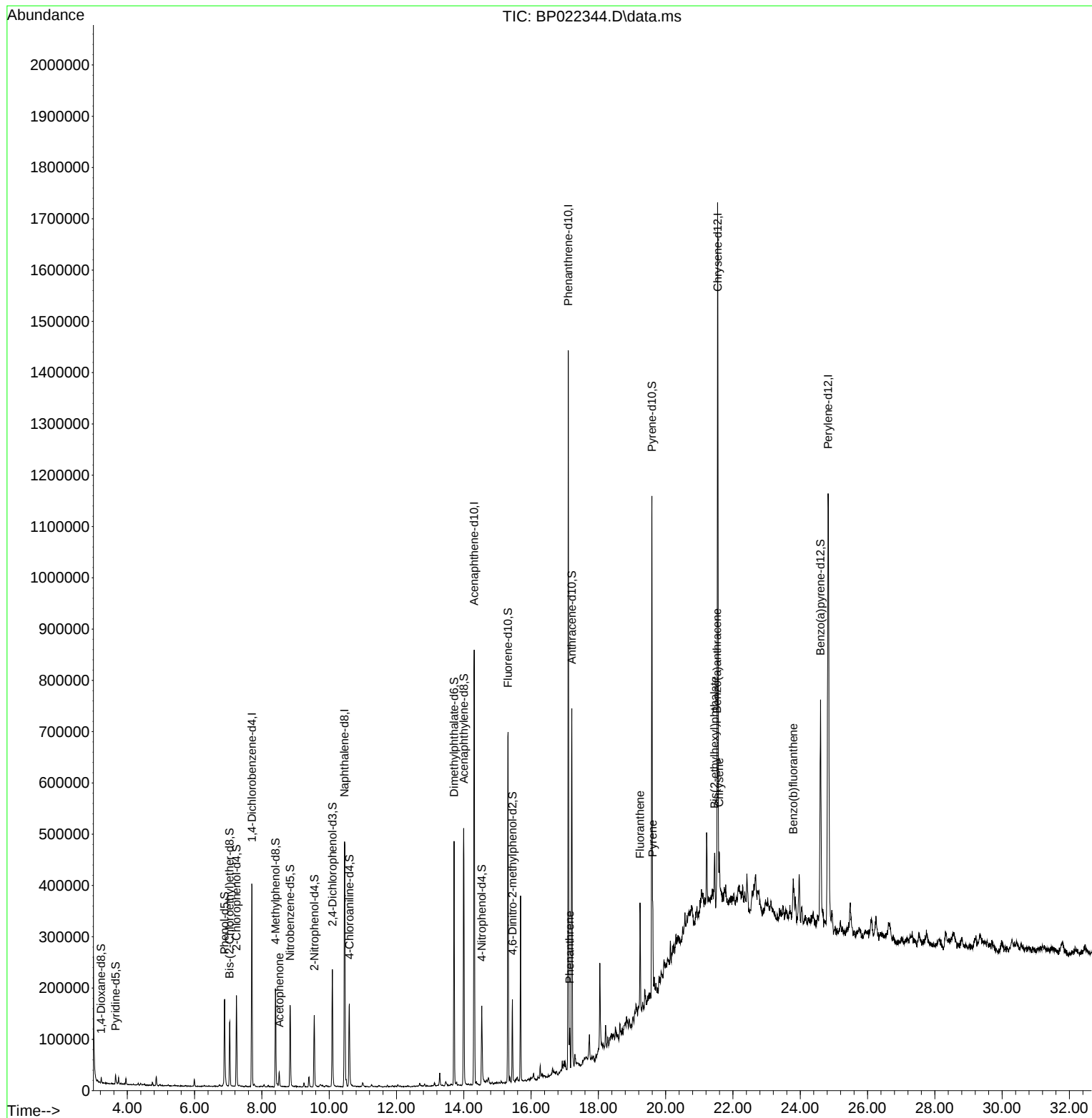
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
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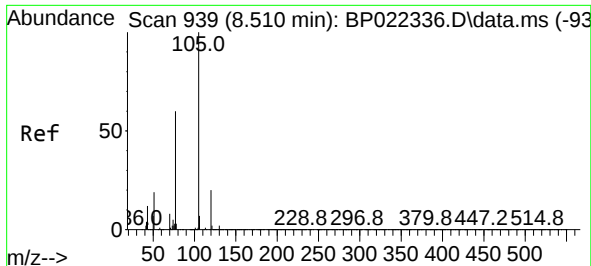
Instrument :
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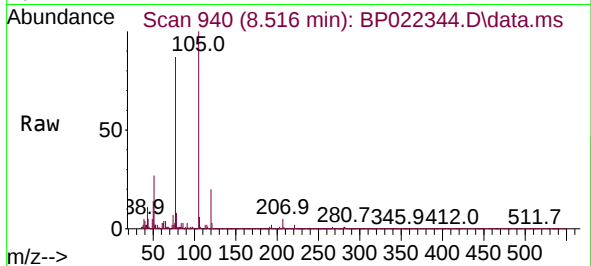
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024





#16
Acetophenone
Concen: 1.429 ng/ul m
RT: 8.516 min Scan# 940
Delta R.T. 0.006 min
Lab File: BP022344.D
Acq: 11 Oct 2024 21:36

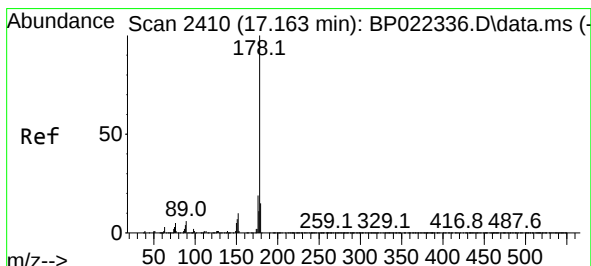
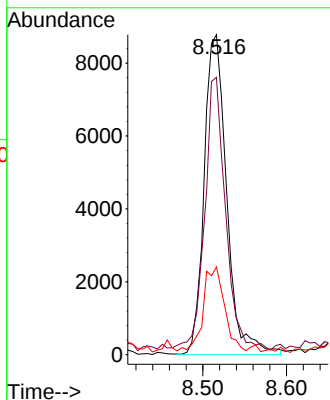
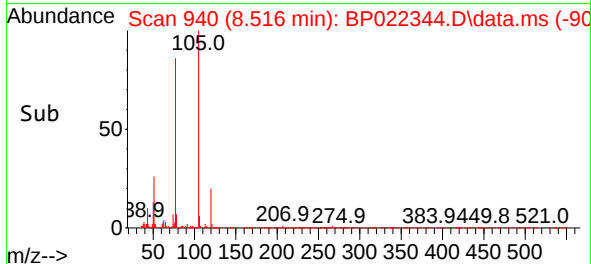
Instrument :
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A4F22



Tgt Ion:105 Resp: 1648
Ion Ratio Lower Upper
105 100
77 86.6 69.0 103.4
51 27.5 22.6 33.8

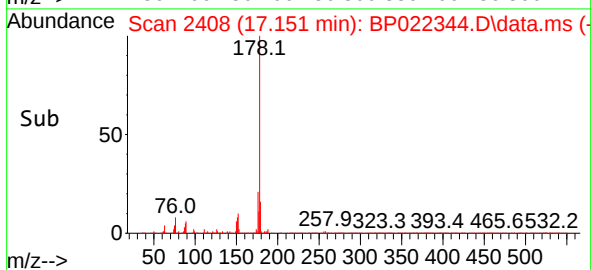
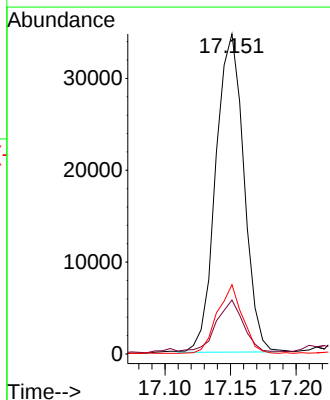
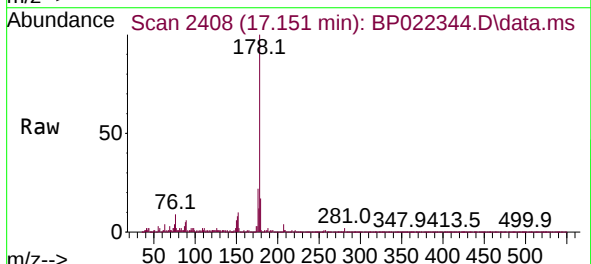
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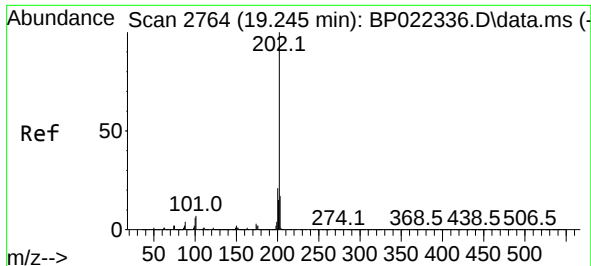
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#72
Phenanthrene
Concen: 1.226 ng/ul
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP022344.D
Acq: 11 Oct 2024 21:36

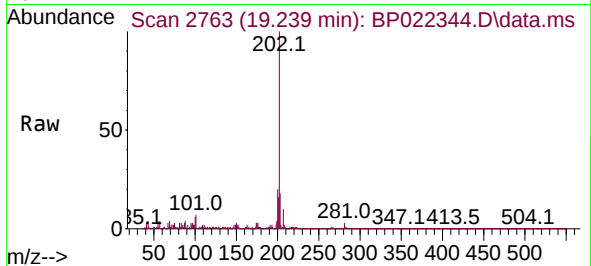
Tgt Ion:178 Resp: 51630
Ion Ratio Lower Upper
178 100
179 16.9 12.2 18.4
176 21.6 15.7 23.5





#80
Fluoranthene
Concen: 2.609 ng/u1
RT: 19.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP022344.D
Acq: 11 Oct 2024 21:36

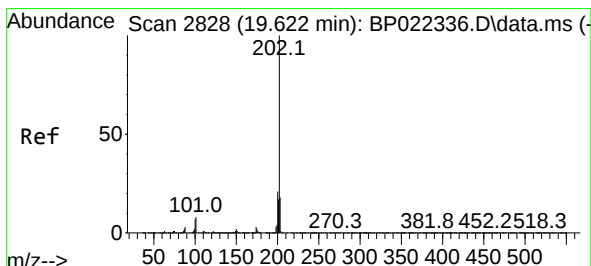
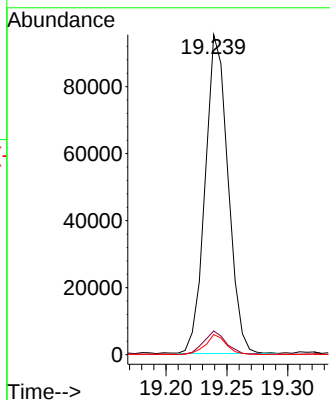
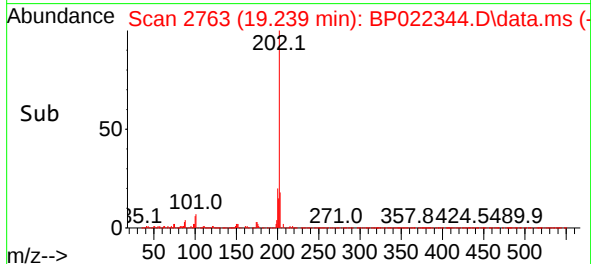
Instrument :
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ClientSampleId :
A4F22



Tgt Ion:202 Resp: 12366
Ion Ratio Lower Upper
202 100
101 7.4 5.8 8.8
100 6.3 4.5 6.7

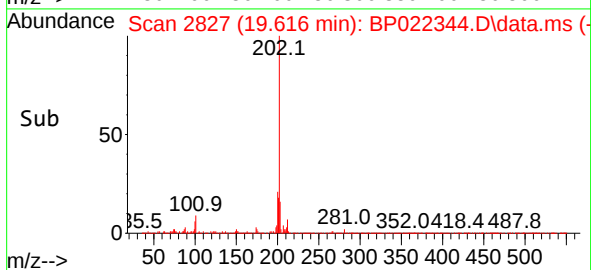
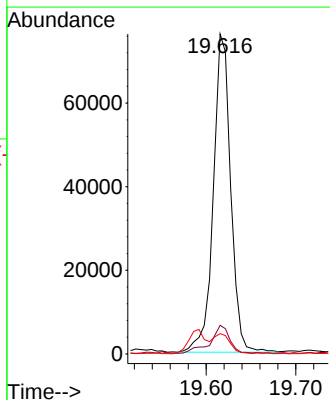
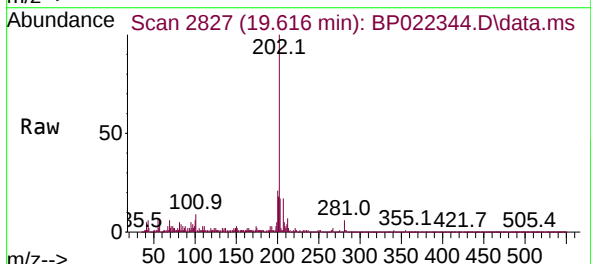
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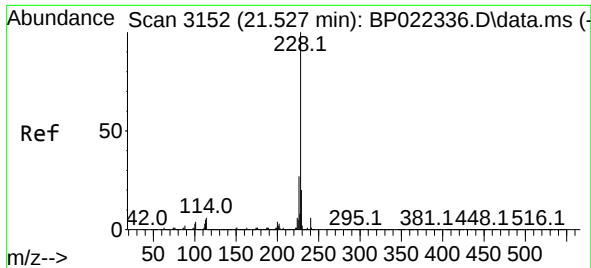
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#82
Pyrene
Concen: 2.017 ng/u1
RT: 19.616 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP022344.D
Acq: 11 Oct 2024 21:36

Tgt Ion:202 Resp: 102459
Ion Ratio Lower Upper
202 100
101 9.0 6.7 10.1
100 6.4 5.8 8.6





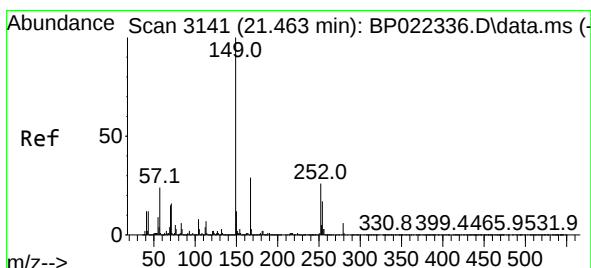
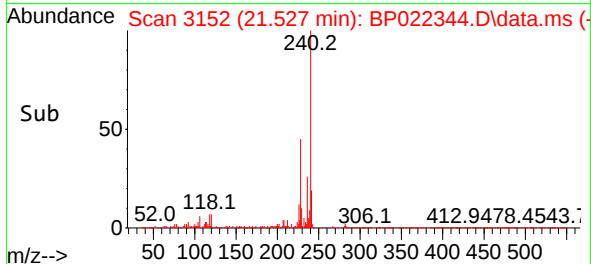
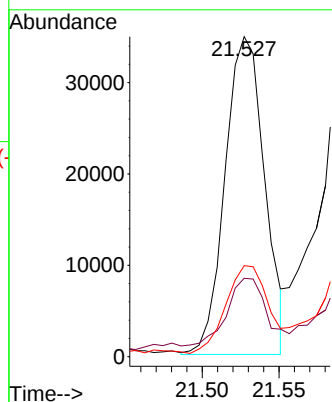
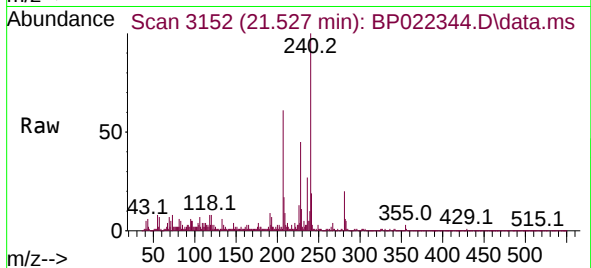
#85
Benzo(a)anthracene
Concen: 1.139 ng/ul m
RT: 21.527 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BP022344.D
Acq: 11 Oct 2024 21:36

Instrument :
BNA_P
ClientSampleId :
A4F22

Tgt Ion:228 Resp: 62279
Ion Ratio Lower Upper
228 100
229 24.5 15.4 23.0
226 28.4 21.5 32.3

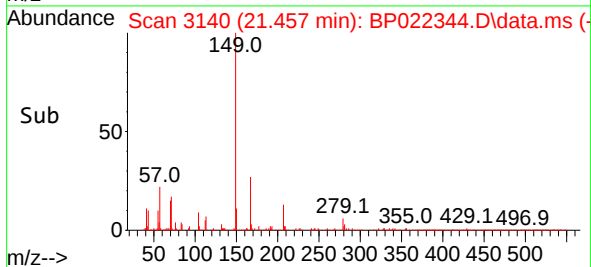
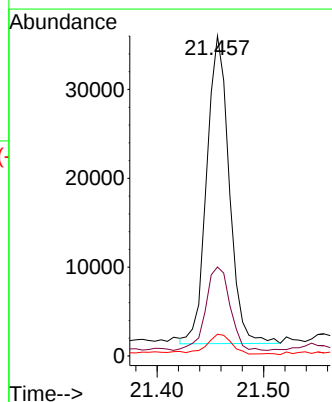
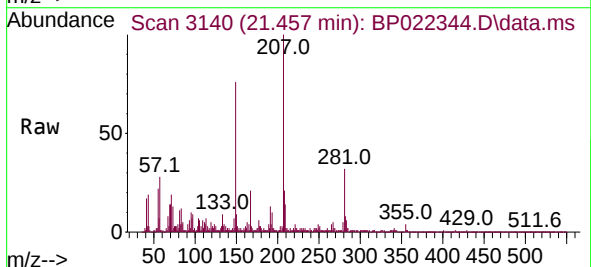
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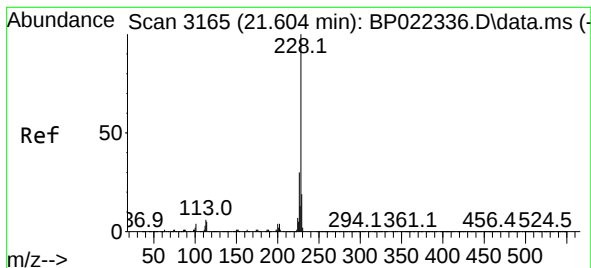
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.005 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BP022344.D
Acq: 11 Oct 2024 21:36

Tgt Ion:149 Resp: 50891
Ion Ratio Lower Upper
149 100
167 27.8 23.0 34.4
279 6.8 4.8 7.2





#87

Chrysene

Concen: 1.380 ng/ul

RT: 21.592 min Scan# 3165

Delta R.T. -0.000 min

Lab File: BP022344.D

Acq: 11 Oct 2024 21:36

Instrument :

BNA_P

ClientSampleId :

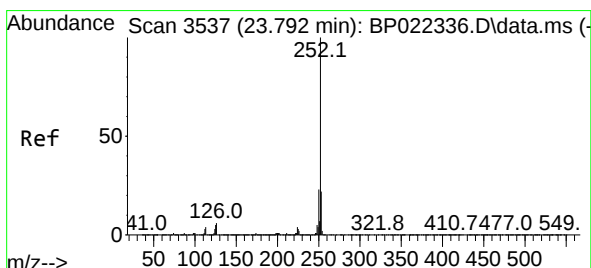
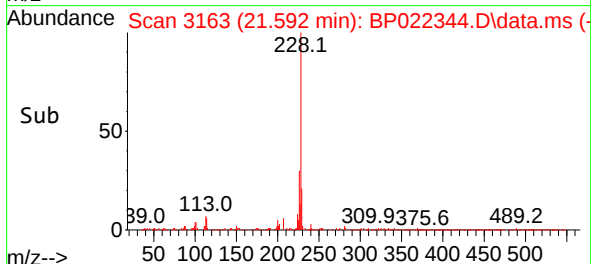
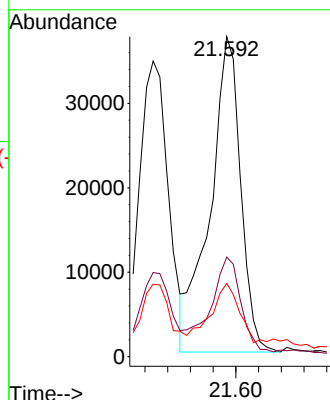
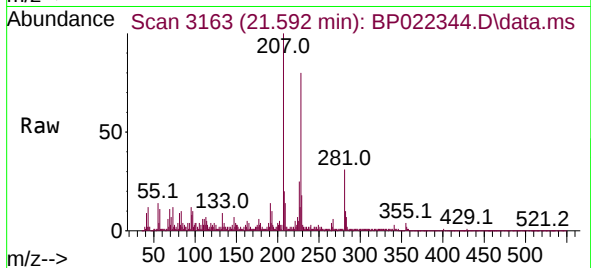
A4F22

Tgt Ion:228	Resp: 6993
Ion Ratio	Lower Upper
228 100	
226 31.1	23.8 35.8
229 22.9	15.5 23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 1.658 ng/ul

RT: 23.792 min Scan# 3537

Delta R.T. 0.006 min

Lab File: BP022344.D

Acq: 11 Oct 2024 21:36

Tgt Ion:252	Resp: 99283
Ion Ratio	Lower Upper
252 100	
253 24.1	17.8 26.8
125 8.1	5.0 7.4

