

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022578.D
 Acq On : 24 Oct 2024 01:00
 Operator : RC/JU
 Sample : P4415-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F45

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 02:16:21 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	7.658	152	132510	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	533704	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	416170	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	974537	20.000	ng/u1	-0.01
79) Chrysene-d12	21.516	240	924808	20.000	ng/u1	0.02
88) Perylene-d12	24.774	264	1056207	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4161m	1.220	ng/uL	0.00
4) Pyridine-d5	3.628	84	7346	0.785	ng/u1	0.02
7) Phenol-d5	6.852	99	85304	7.648	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	49204	7.505	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	63678	8.045	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	69023	7.754	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	30396	7.407	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	35953	7.567	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	78664	7.790	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	56030m	4.696	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	267977	8.104	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	277916	7.913	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	27866	5.023	ng/u1	0.02
60) Fluorene-d10	15.281	176	242821	8.467	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.428	200	23190	3.618	ng/u1	0.01
73) Anthracene-d10	17.181	188	395323	8.623	ng/u1	0.01
81) Pyrene-d10	19.557	212	394501	8.067	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.557	264	300661	5.330	ng/u1	0.03
Target Compounds						
					Qvalue	
16) Acetophenone	8.475	105	31349	2.133	ng/u1	93
72) Phenanthrene	17.116	178	125482	2.407	ng/u1	98
80) Fluoranthene	19.204	202	302997	5.389	ng/u1	98
82) Pyrene	19.586	202	194975	3.236	ng/u1	99
85) Benzo(a)anthracene	21.492	228	125939	1.943	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.427	149	144536	4.800	ng/u1	99
87) Chrysene	21.563	228	126985	2.112	ng/u1	97
90) Benzo(b)fluoranthene	23.745	252	169724	2.553	ng/u1	99

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

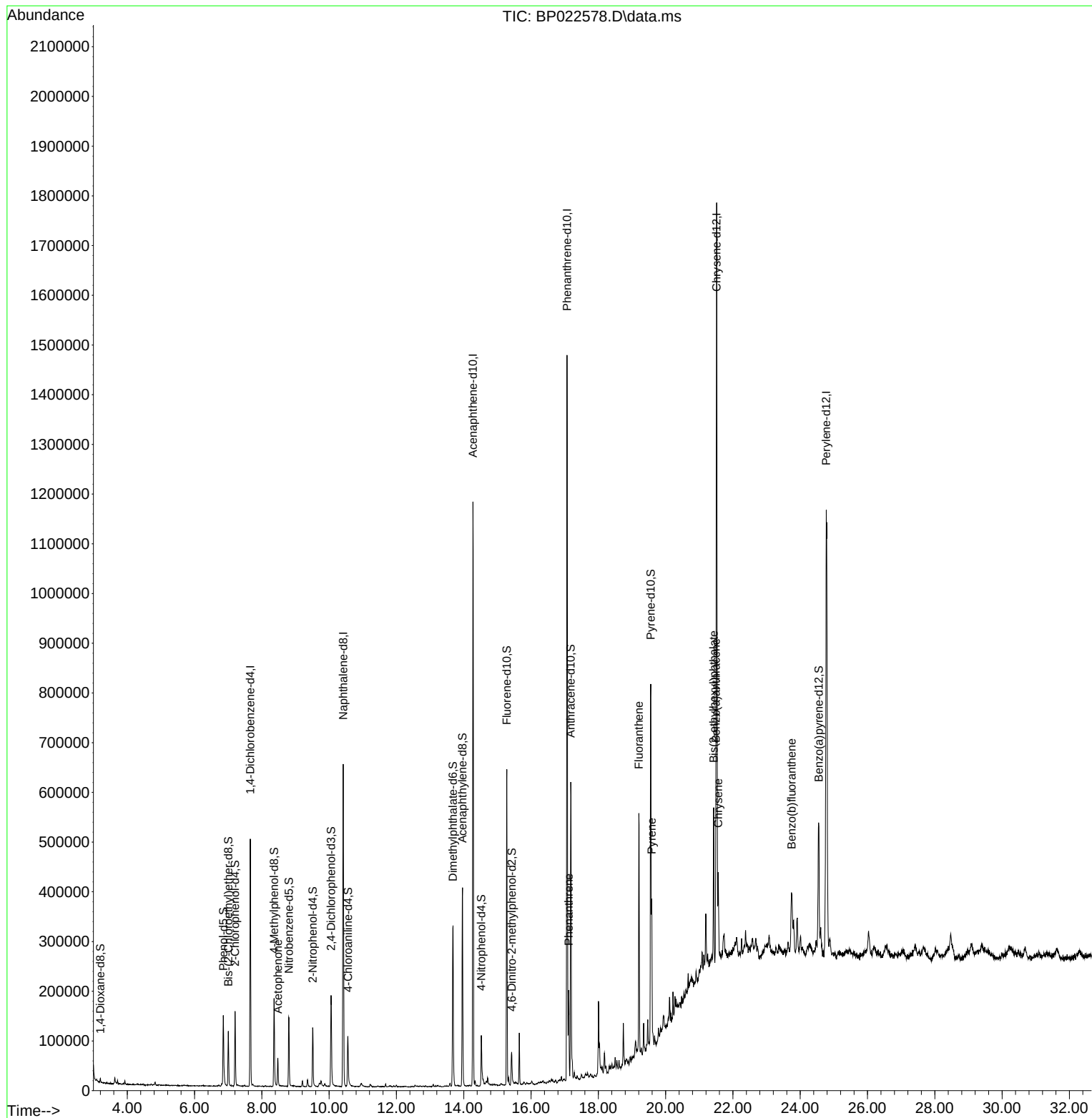
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022578.D
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Operator : RC/JU
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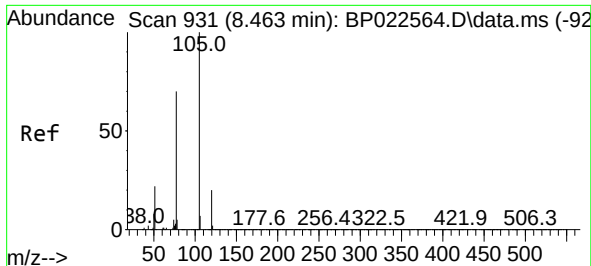
Instrument :
BNA_P
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Quant Title : SVOA CALIBRATION
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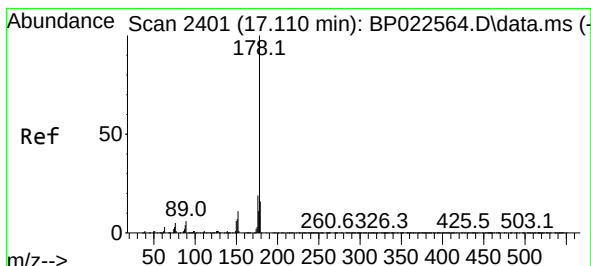
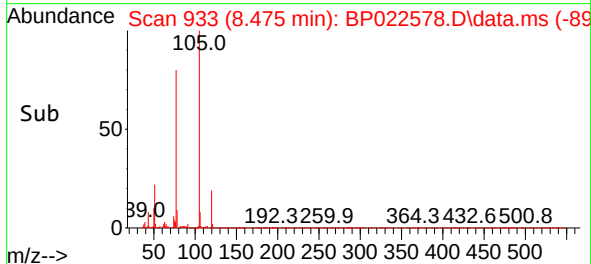
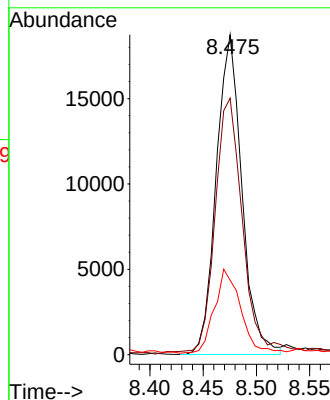
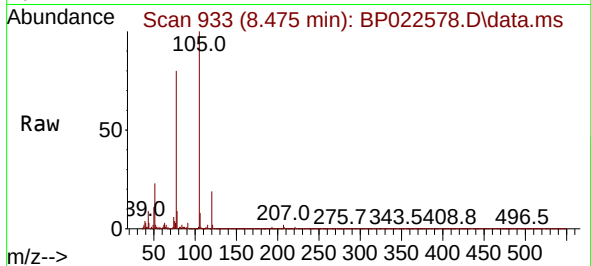
#16
Acetophenone
Concen: 2.133 ng/ul
RT: 8.475 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP022578.D
Acq: 24 Oct 2024 01:00

Instrument :
BNA_P
ClientSampleId :
A4F45

Tgt Ion:105 Resp: 31349
Ion Ratio Lower Upper
105 100
77 80.2 69.0 103.4
51 23.2 22.6 33.8

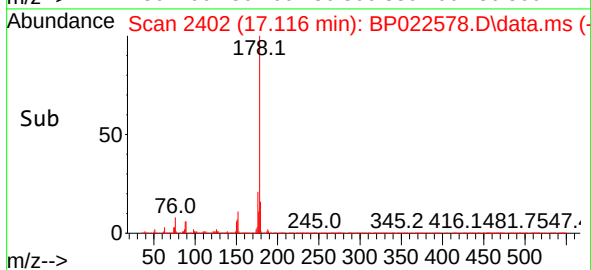
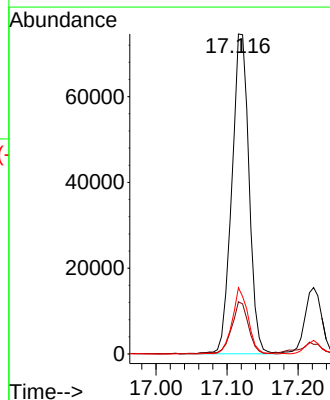
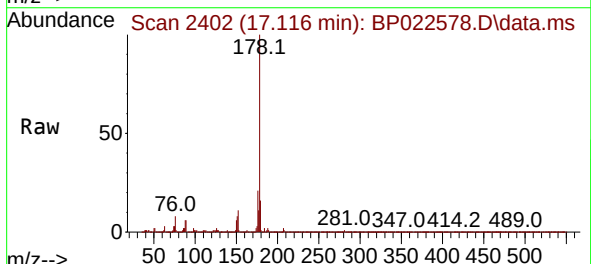
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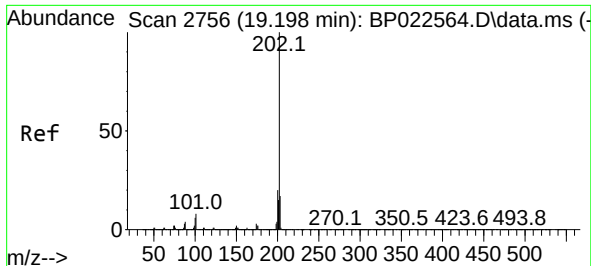
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#72
Phenanthrene
Concen: 2.407 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP022578.D
Acq: 24 Oct 2024 01:00

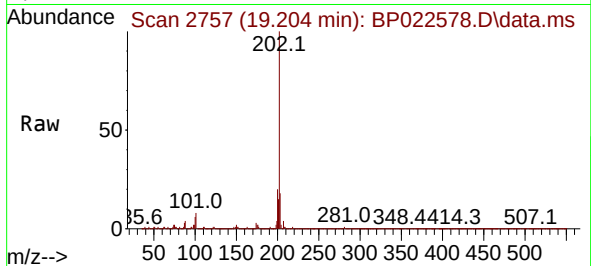
Tgt Ion:178 Resp: 125482
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.4
176 20.7 15.7 23.5





#80
Fluoranthene
Concen: 5.389 ng/u1
RT: 19.204 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP022578.D
Acq: 24 Oct 2024 01:00

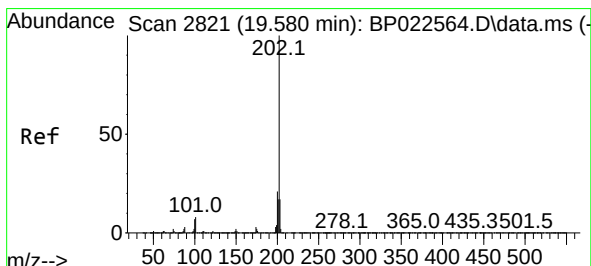
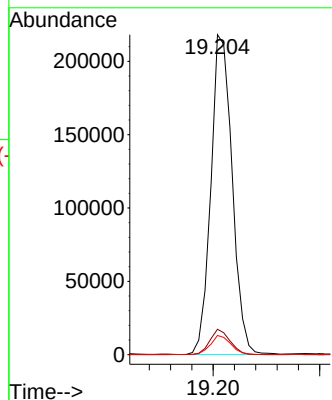
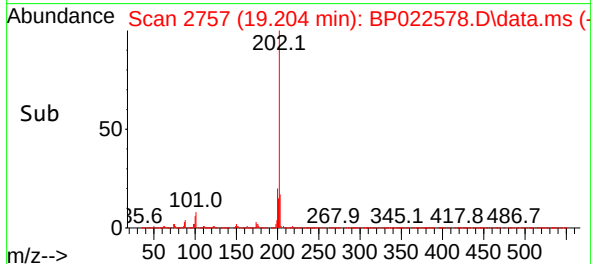
Instrument :
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A4F45



Tgt Ion:202 Resp: 30299
Ion Ratio Lower Upper
202 100
101 8.0 5.8 8.8
100 6.0 4.5 6.7

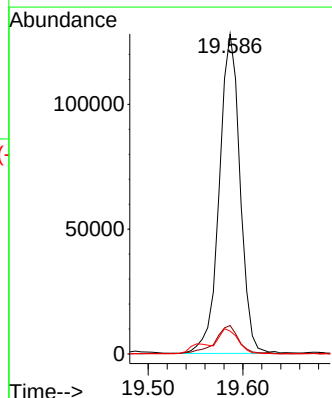
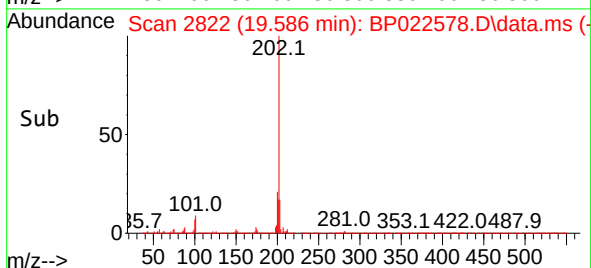
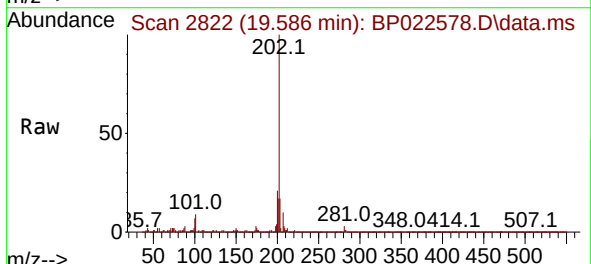
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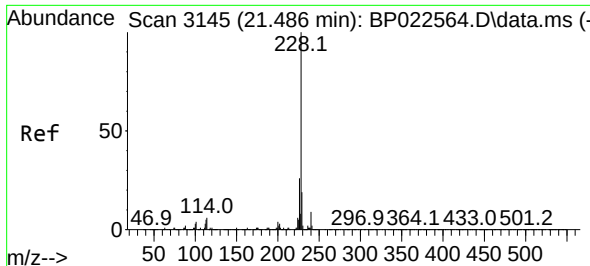
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#82
Pyrene
Concen: 3.236 ng/u1
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP022578.D
Acq: 24 Oct 2024 01:00

Tgt Ion:202 Resp: 194975
Ion Ratio Lower Upper
202 100
101 8.9 6.7 10.1
100 7.1 5.8 8.6





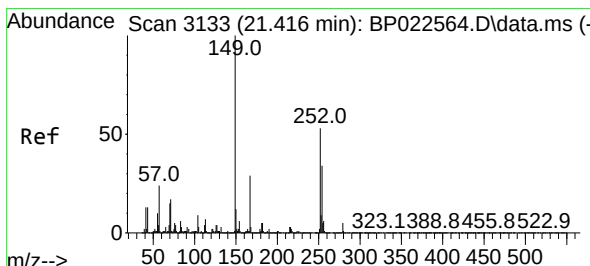
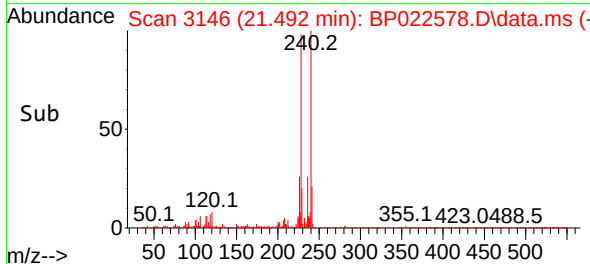
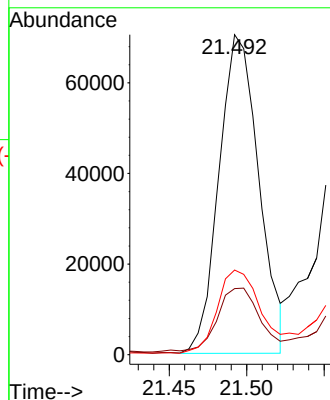
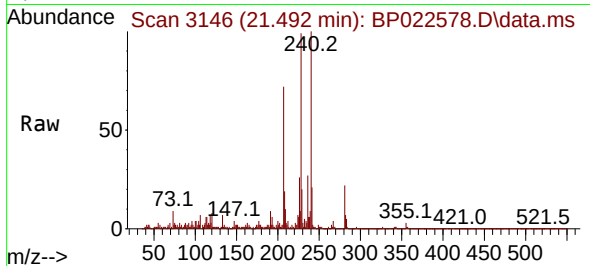
#85
Benzo(a)anthracene
Concen: 1.943 ng/ul
RT: 21.492 min Scan# 3146
Delta R.T. 0.012 min
Lab File: BP022578.D
Acq: 24 Oct 2024 01:00

Instrument :
BNA_P
ClientSampleId :
A4F45

Tgt Ion:228 Resp: 125939
Ion Ratio Lower Upper
228 100
229 20.7 15.4 23.0
226 26.5 21.5 32.3

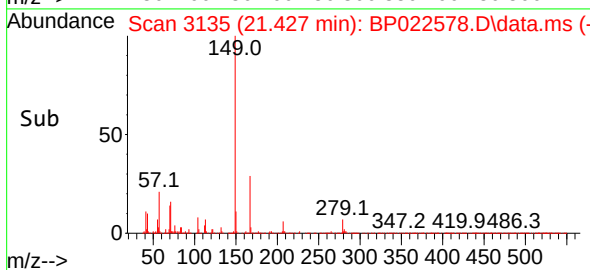
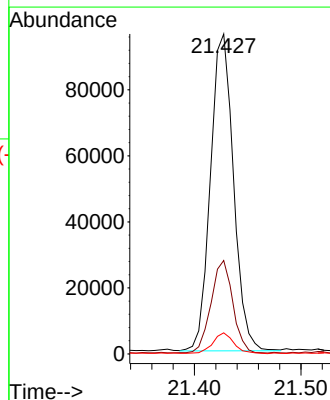
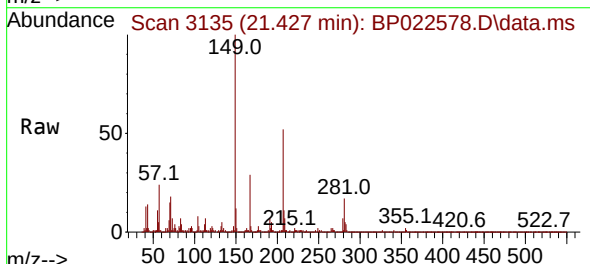
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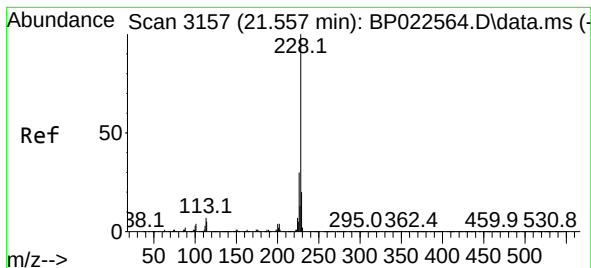
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.800 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.012 min
Lab File: BP022578.D
Acq: 24 Oct 2024 01:00

Tgt Ion:149 Resp: 144536
Ion Ratio Lower Upper
149 100
167 29.2 23.0 34.4
279 6.6 4.8 7.2





#87

Chrysene

Concen: 2.112 ng/ul

RT: 21.563 min Scan# 3157

Delta R.T. 0.018 min

Lab File: BP022578.D

Acq: 24 Oct 2024 01:00

Instrument :

BNA_P

ClientSampleId :

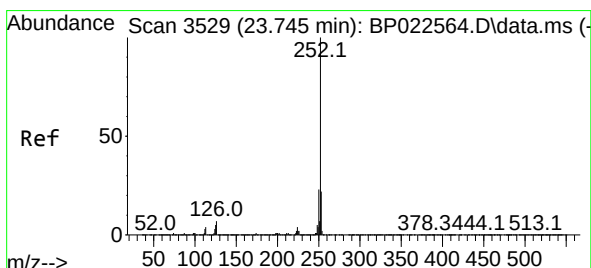
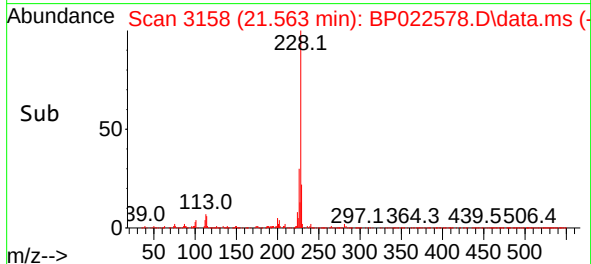
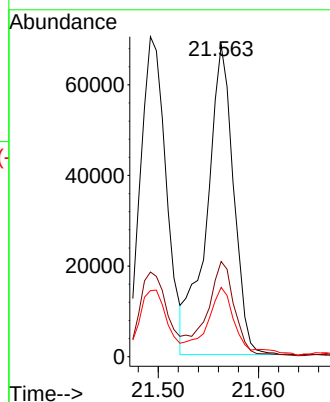
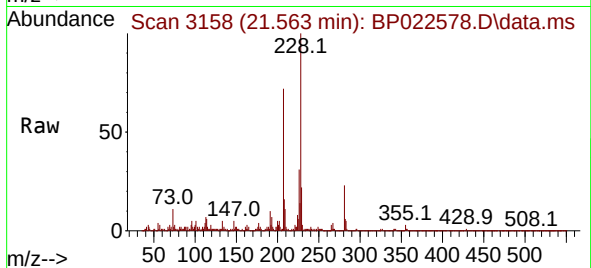
A4F45

Tgt Ion:	228	Resp:	12698
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.8	35.8
229	22.3	15.5	23.3

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Supervised By :mohammad ahmed 10/25/2024



#90

Benzo(b)fluoranthene

Concen: 2.553 ng/ul

RT: 23.745 min Scan# 3529

Delta R.T. 0.024 min

Lab File: BP022578.D

Acq: 24 Oct 2024 01:00

Tgt Ion:	252	Resp:	169724
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	5.7	5.0	7.4

