

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022577.D
 Acq On : 24 Oct 2024 00:19
 Operator : RC/JU
 Sample : P4415-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F43

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 02:10:56 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	138592	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	526847	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	403009	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	967908	20.000	ng/u1	-0.01
79) Chrysene-d12	21.510	240	933789	20.000	ng/u1	0.01
88) Perylene-d12	24.769	264	1075458	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	4288	1.202	ng/uL	0.00
4) Pyridine-d5	3.623	84	11344	1.159	ng/u1	0.01
7) Phenol-d5	6.852	99	81366	6.974	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	48499	7.073	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	61638	7.446	ng/u1	0.00
15) 4-Methylphenol-d8	8.364	113	64893	6.970	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	29115	7.187	ng/u1	0.00
24) 2-Nitrophenol-d4	9.511	143	34013	7.252	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	73417	7.365	ng/u1	0.00
31) 4-Chloroaniline-d4	10.558	131	55331	4.698	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	248306	7.755	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	257268	7.565	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	25369m	4.723	ng/u1	0.02
60) Fluorene-d10	15.287	176	226520	8.156	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	17472	2.745	ng/u1	0.00
73) Anthracene-d10	17.175	188	376520	8.269	ng/u1	0.00
81) Pyrene-d10	19.557	212	386874	7.835	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	296116	5.156	ng/u1	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.469	105	41287	2.686	ng/u1	92
72) Phenanthrene	17.116	178	119095	2.300	ng/u1	99
80) Fluoranthene	19.204	202	234098	4.124	ng/u1	99
82) Pyrene	19.581	202	138880	2.283	ng/u1#	96
85) Benzo(a)anthracene	21.492	228	95014	1.451	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.422	149	36042	1.185	ng/u1	100
87) Chrysene	21.557	228	97542	1.607	ng/u1	97
90) Benzo(b)fluoranthene	23.751	252	111477	1.647	ng/u1#	98

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

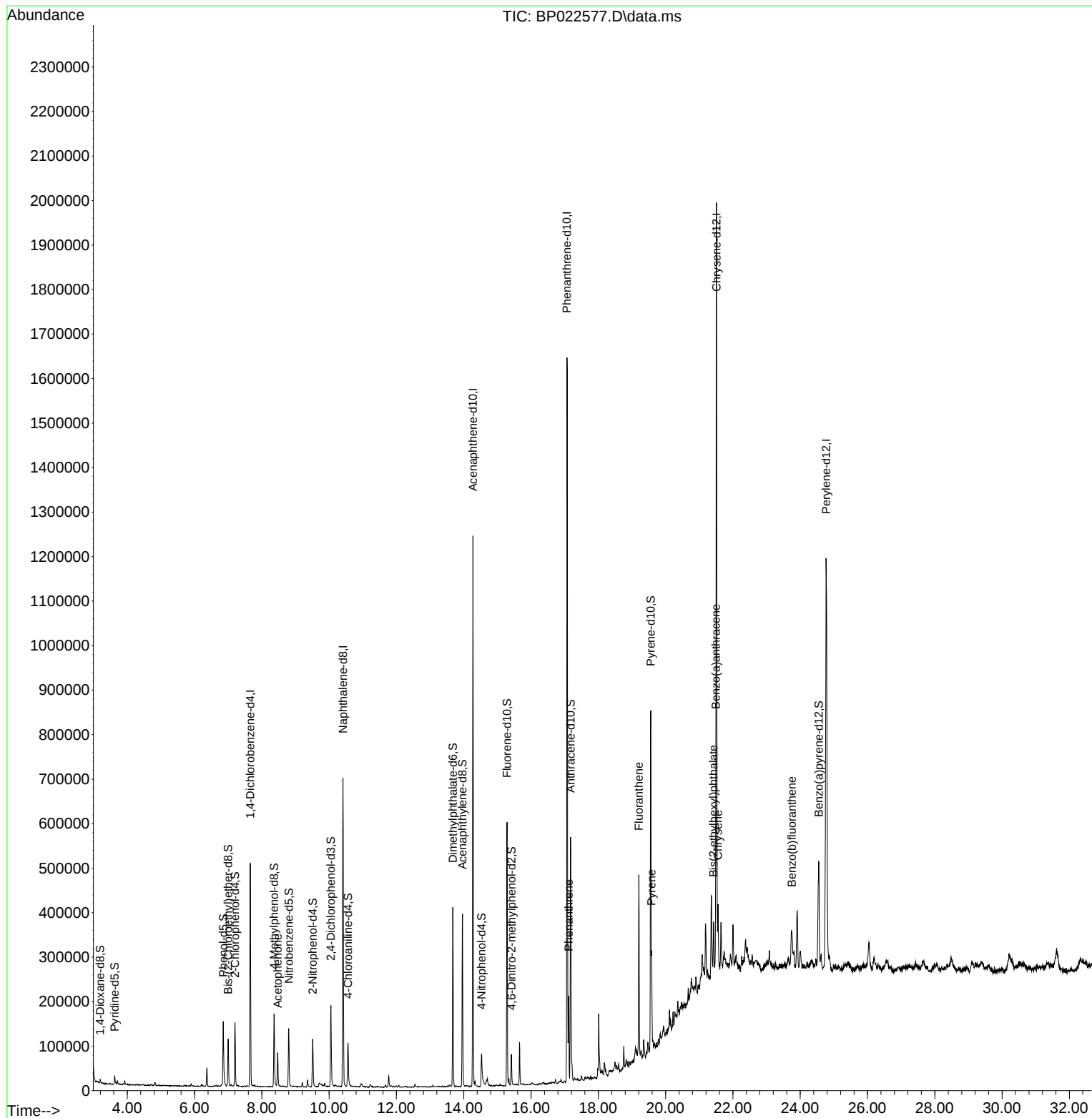
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022577.D
Acq On : 24 Oct 2024 00:19
Operator : RC/JU
Sample : P4415-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

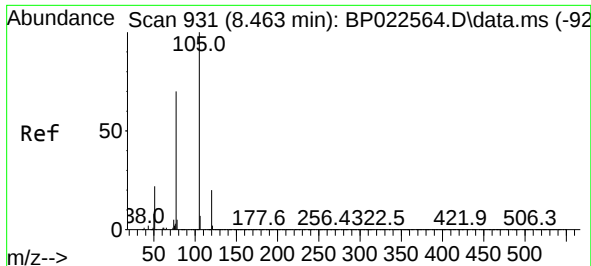
Instrument :
BNA_P
ClientSampleId :
A4F43

Manual Integrations
APPROVED

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

Quant Time: Oct 24 02:10:56 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





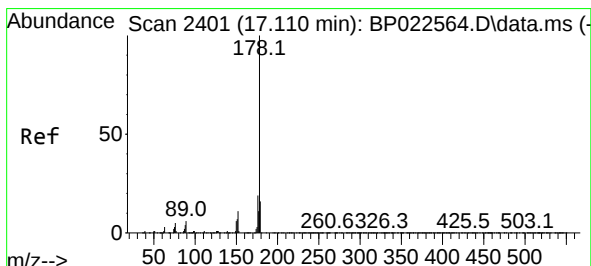
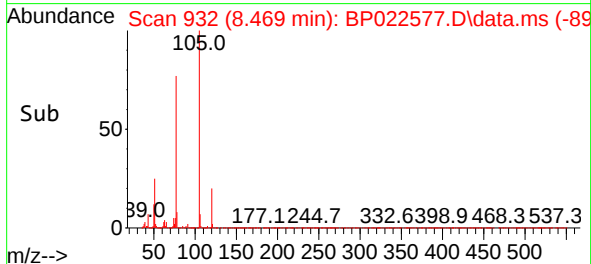
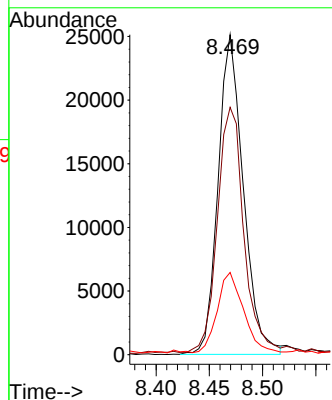
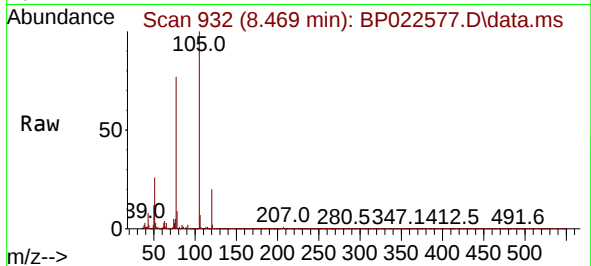
#16
Acetophenone
Concen: 2.686 ng/ul
RT: 8.469 min Scan# 91
Delta R.T. 0.001 min
Lab File: BP022577.D
Acq: 24 Oct 2024 00:19

Instrument :
BNA_P
ClientSampleId :
A4F43

Tgt Ion:105 Resp: 4128
Ion Ratio Lower Upper
105 100
77 77.3 69.0 103.4
51 25.7 22.6 33.8

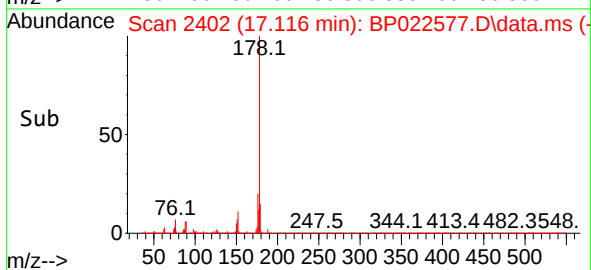
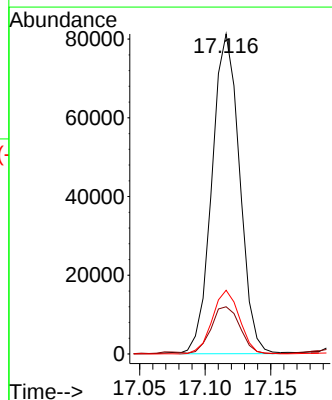
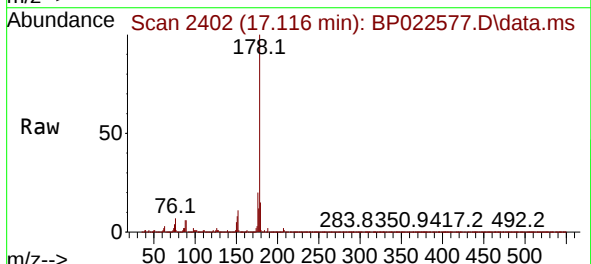
Manual Integrations
APPROVED

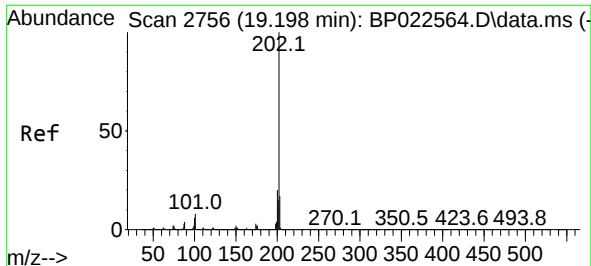
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#72
Phenanthrene
Concen: 2.300 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP022577.D
Acq: 24 Oct 2024 00:19

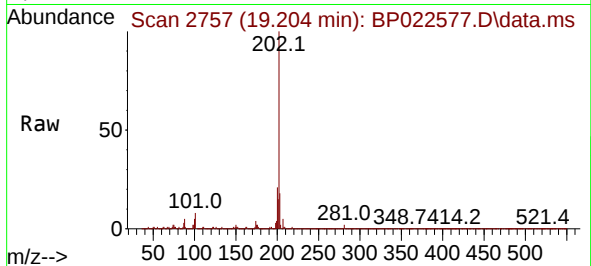
Tgt Ion:178 Resp: 119095
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.4
176 19.9 15.7 23.5





#80
Fluoranthene
Concen: 4.124 ng/ul
RT: 19.204 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP022577.D
Acq: 24 Oct 2024 00:19

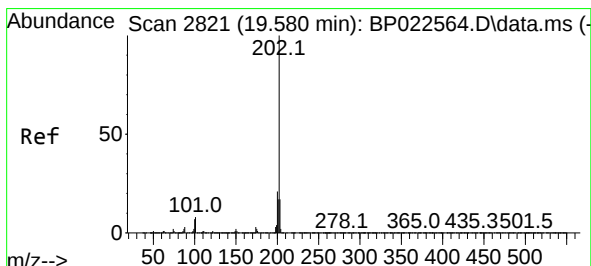
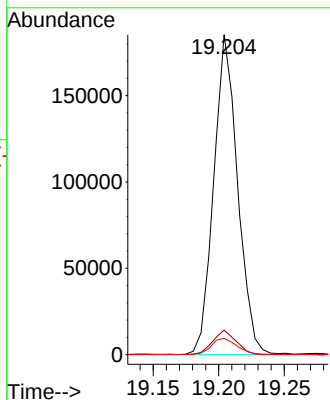
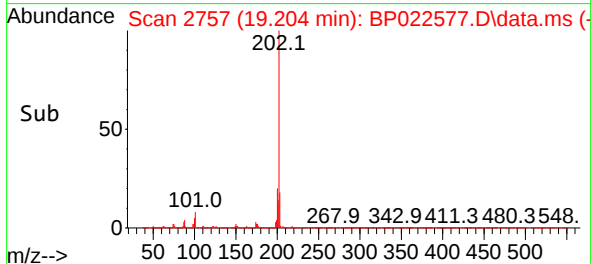
Instrument :
BNA_P
ClientSampleId :
A4F43



Tgt Ion:202 Resp: 234098
Ion Ratio Lower Upper
202 100
101 7.7 5.8 8.8
100 5.1 4.5 6.7

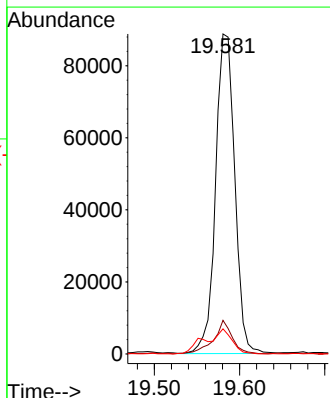
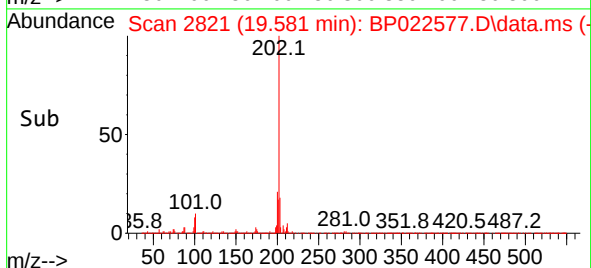
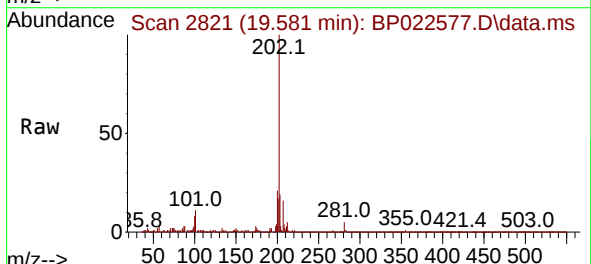
Manual Integrations
APPROVED

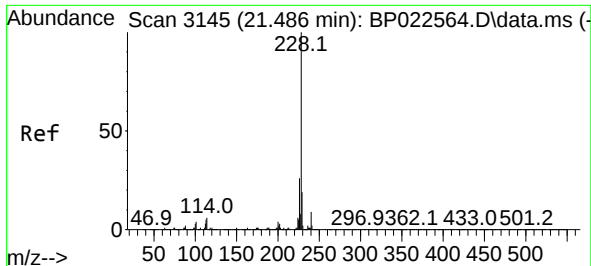
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#82
Pyrene
Concen: 2.283 ng/ul
RT: 19.581 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BP022577.D
Acq: 24 Oct 2024 00:19

Tgt Ion:202 Resp: 138880
Ion Ratio Lower Upper
202 100
101 10.5 6.7 10.1#
100 7.8 5.8 8.6





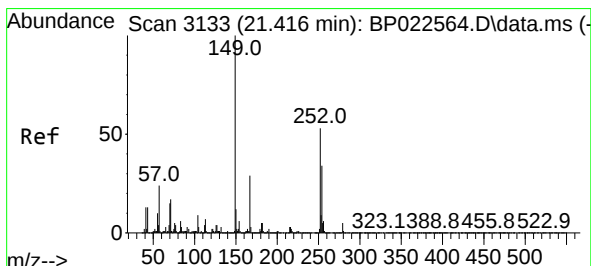
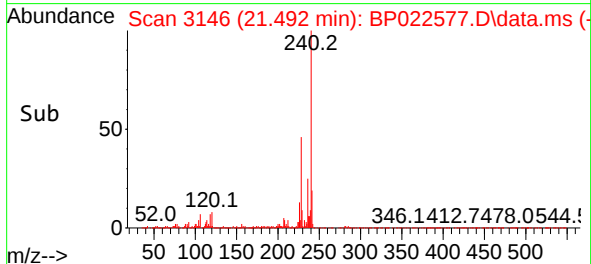
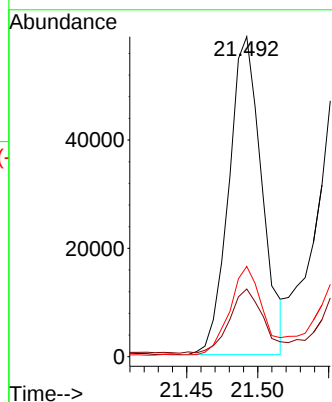
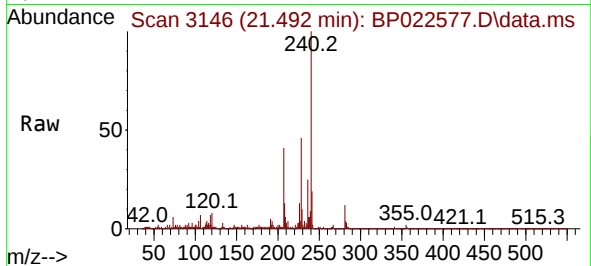
#85
Benzo(a)anthracene
Concen: 1.451 ng/ul
RT: 21.492 min Scan# 3146
Delta R.T. 0.012 min
Lab File: BP022577.D
Acq: 24 Oct 2024 00:19

Instrument :
BNA_P
ClientSampleId :
A4F43

Tgt Ion:228 Resp: 95014
Ion Ratio Lower Upper
228 100
229 21.1 15.4 23.0
226 28.2 21.5 32.3

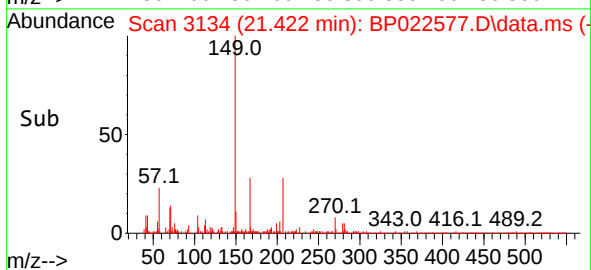
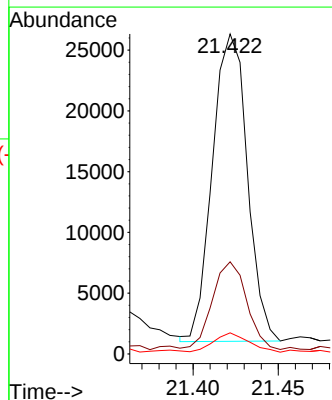
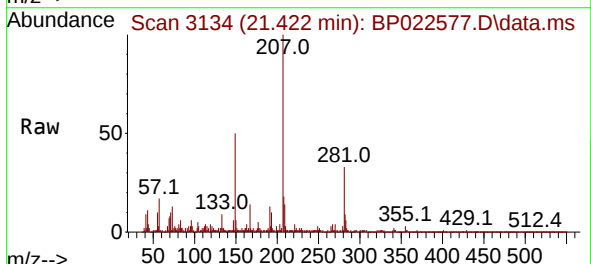
Manual Integrations
APPROVED

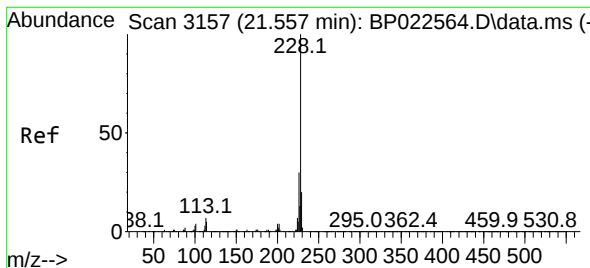
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.185 ng/ul
RT: 21.422 min Scan# 3134
Delta R.T. 0.006 min
Lab File: BP022577.D
Acq: 24 Oct 2024 00:19

Tgt Ion:149 Resp: 36042
Ion Ratio Lower Upper
149 100
167 28.8 23.0 34.4
279 6.6 4.8 7.2





#87

Chrysene

Concen: 1.607 ng/ul

RT: 21.557 min Scan# 3157

Delta R.T. 0.012 min

Lab File: BP022577.D

Acq: 24 Oct 2024 00:19

Instrument :

BNA_P

ClientSampleId :

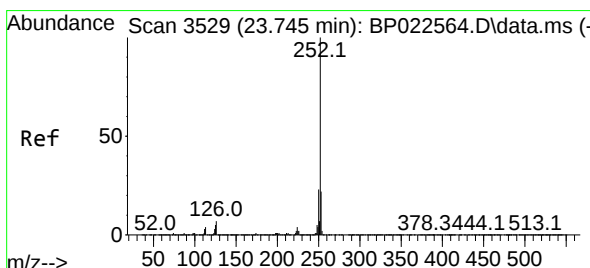
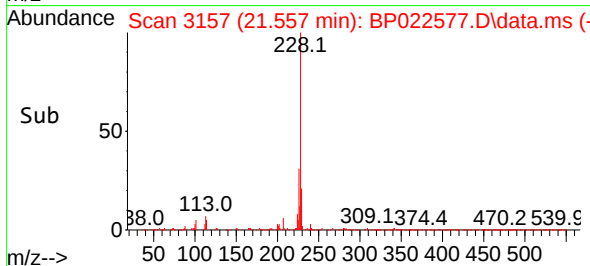
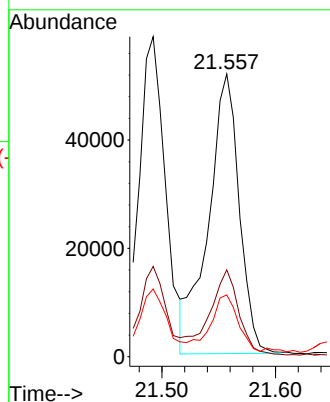
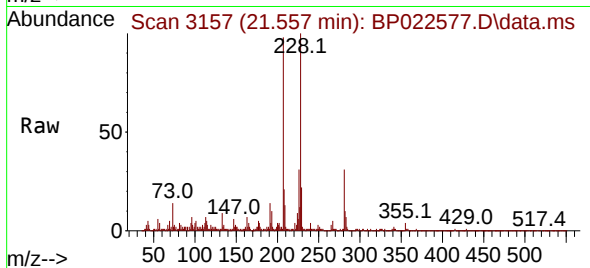
A4F43

Tgt Ion:	228	Resp:	9754
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.8	35.8
229	21.9	15.5	23.3

Manual Integrations

APPROVED

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



#90

Benzo(b)fluoranthene

Concen: 1.647 ng/ul

RT: 23.751 min Scan# 3530

Delta R.T. 0.030 min

Lab File: BP022577.D

Acq: 24 Oct 2024 00:19

Tgt Ion:	252	Resp:	111477
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	8.0	5.0	7.4

