

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
 Data File : BP022335.D
 Acq On : 11 Oct 2024 15:28
 Operator : RC/JU
 Sample : P4237-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F10

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 01:31:59 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	7.681	152	103544	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.446	136	388722	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	293632	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	712522	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	773883	20.000	ng/u1	0.01
88) Perylene-d12	24.857	264	918285	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	4383	1.645	ng/uL	-0.01
4) Pyridine-d5	3.640	84	9819	1.342	ng/u1	0.00
7) Phenol-d5	6.869	99	81793	9.384	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.016	67	49268	9.617	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.222	132	63638	10.290	ng/u1	-0.02
15) 4-Methylphenol-d8	8.381	113	62525	8.989	ng/u1	-0.02
21) Nitrobenzene-d5	8.822	128	30745	10.286	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.534	143	35582	10.283	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.075	165	73910	10.050	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.581	131	63033	7.253	ng/u1	-0.01
46) Dimethylphthalate-d6	13.710	166	249046	10.675	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	261631	10.559	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	29363m	7.502	ng/u1	0.01
60) Fluorene-d10	15.322	176	223082	11.024	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	32421	6.918	ng/u1	0.00
73) Anthracene-d10	17.216	188	382421	11.409	ng/u1	0.00
81) Pyrene-d10	19.598	212	444770	10.868	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.627	264	379208m	7.732	ng/u1	0.03
Target Compounds					Qvalue	
16) Acetophenone	8.499	105	14109	1.229	ng/u1	94
72) Phenanthrene	17.157	178	73509	1.928	ng/u1	99
80) Fluoranthene	19.251	202	172421	3.665	ng/u1	100
82) Pyrene	19.627	202	131239	2.603	ng/u1	98
85) Benzo(a)anthracene	21.533	228	88850	1.638	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	37288	1.480	ng/u1	96
87) Chrysene	21.592	228	94251	1.874	ng/u1	97
90) Benzo(b)fluoranthene	23.804	252	131525	2.275	ng/u1	99

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

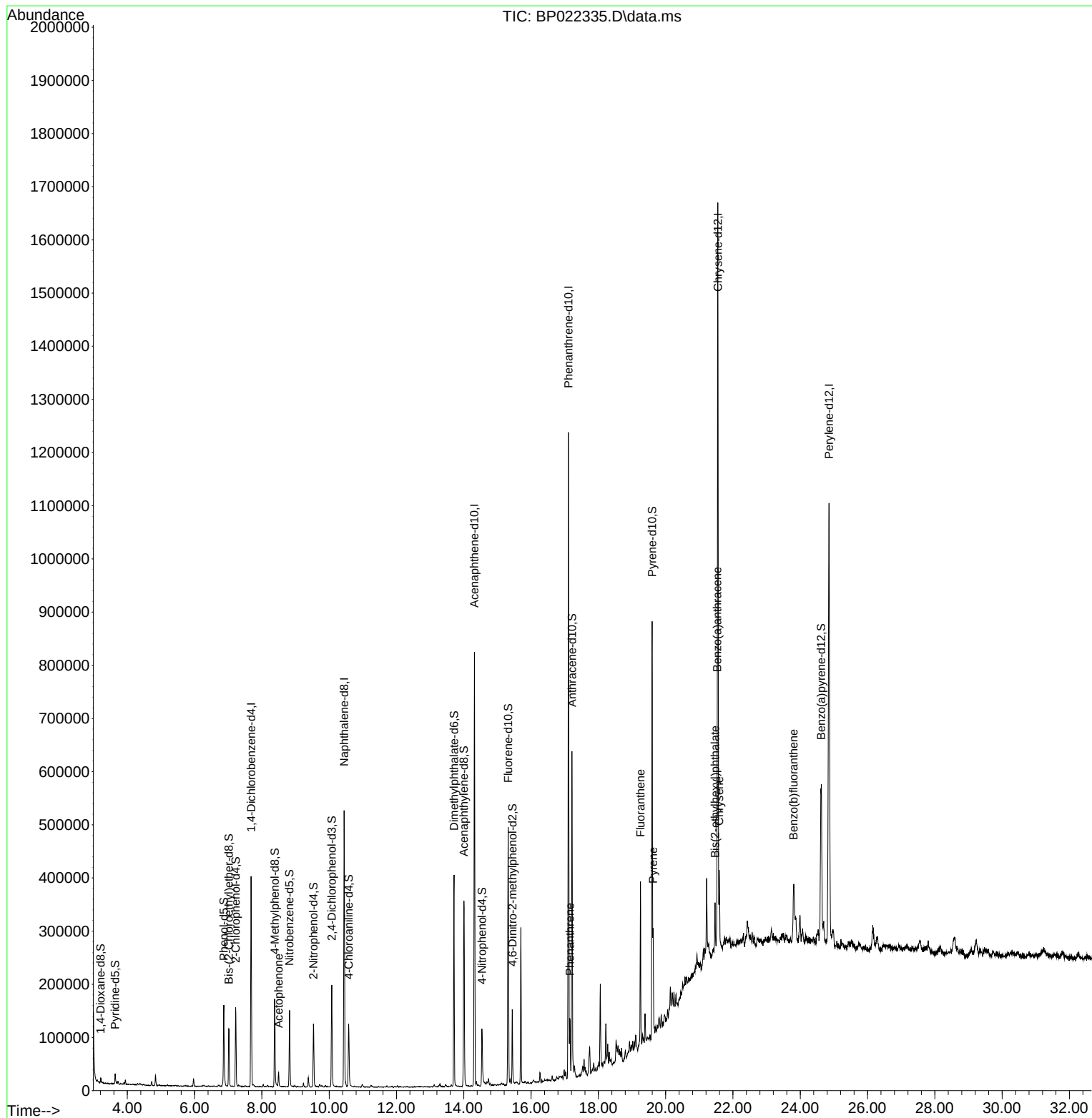
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022335.D
Acq On : 11 Oct 2024 15:28
Operator : RC/JU
Sample : P4237-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

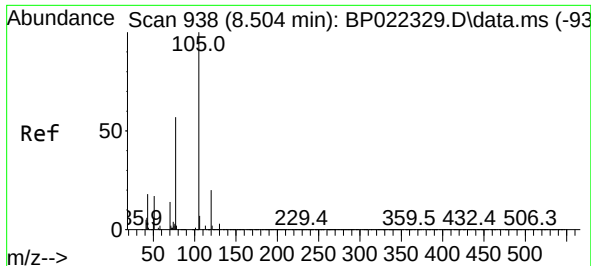
Instrument :
BNA_P
ClientSampleId :
A4F10

Manual Integrations
APPROVED

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

Quant Time: Oct 12 01:31:59 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





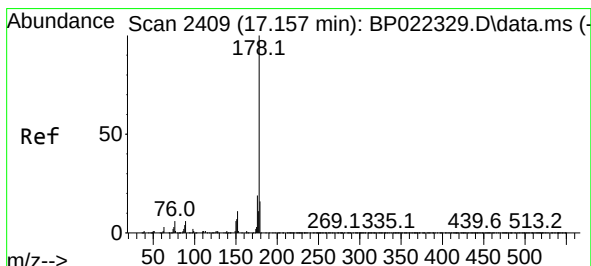
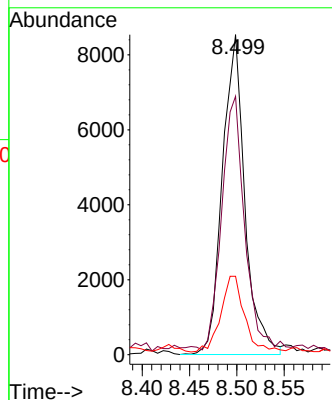
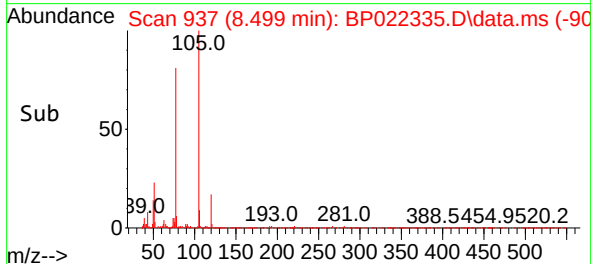
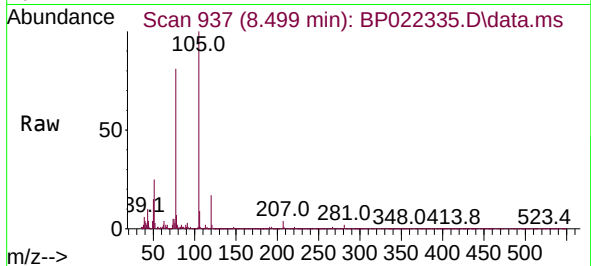
#16
Acetophenone
Concen: 1.229 ng/ul
RT: 8.499 min Scan# 910
Delta R.T. -0.012 min
Lab File: BP022335.D
Acq: 11 Oct 2024 15:28

Instrument :
BNA_P
ClientSampleId :
A4F10

Tgt Ion:105 Resp: 14109
Ion Ratio Lower Upper
105 100
77 80.7 69.0 103.4
51 24.5 22.6 33.8

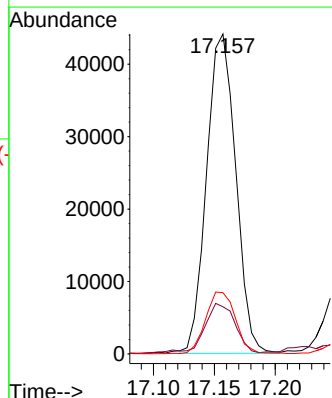
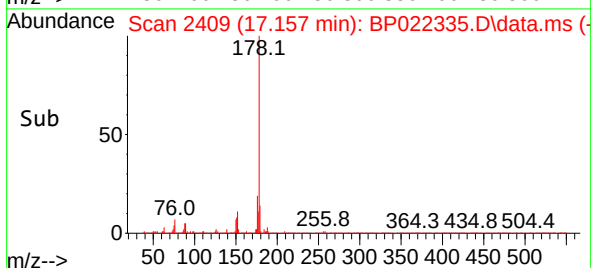
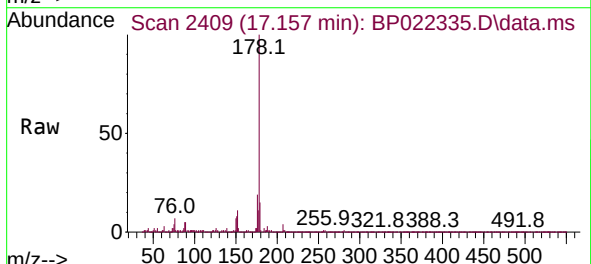
Manual Integrations
APPROVED

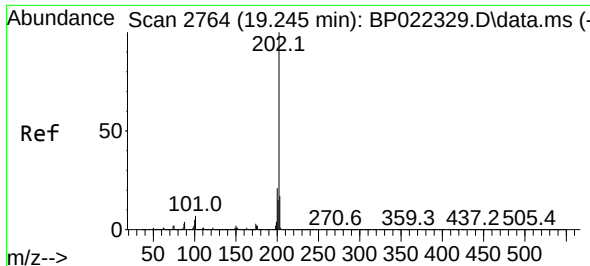
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#72
Phenanthrene
Concen: 1.928 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP022335.D
Acq: 11 Oct 2024 15:28

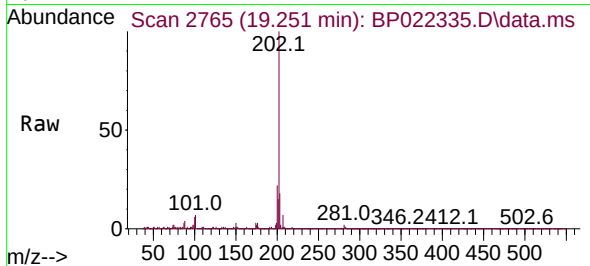
Tgt Ion:178 Resp: 73509
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.4
176 19.1 15.7 23.5





#80
Fluoranthene
Concen: 3.665 ng/u1
RT: 19.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022335.D
Acq: 11 Oct 2024 15:28

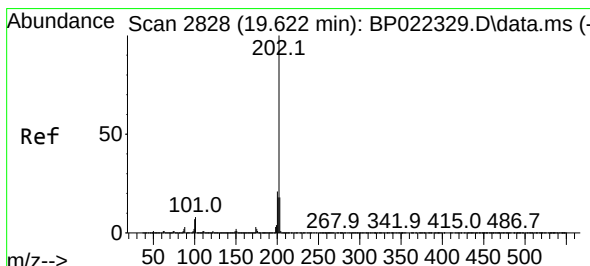
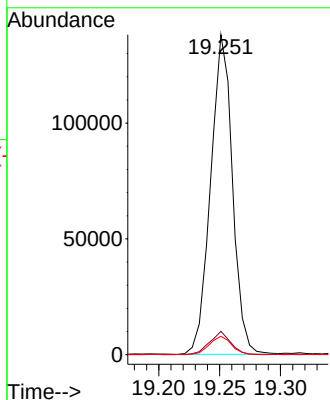
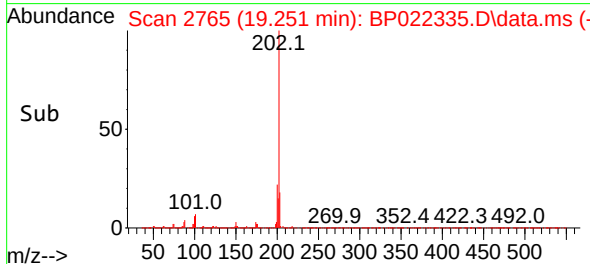
Instrument :
BNA_P
ClientSampleId :
A4F10



Tgt Ion:202 Resp: 17242
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.8
100 5.7 4.5 6.7

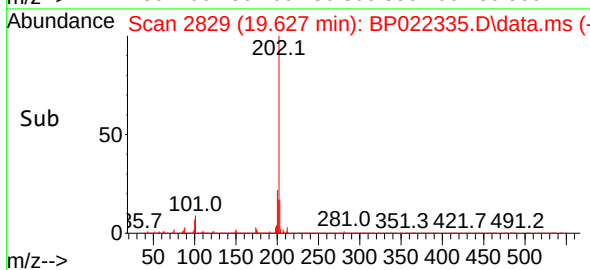
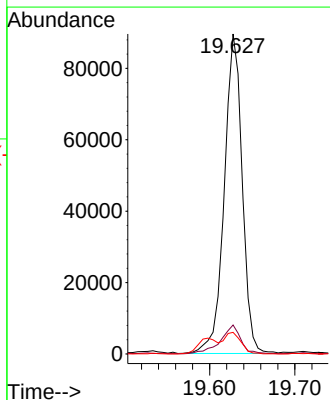
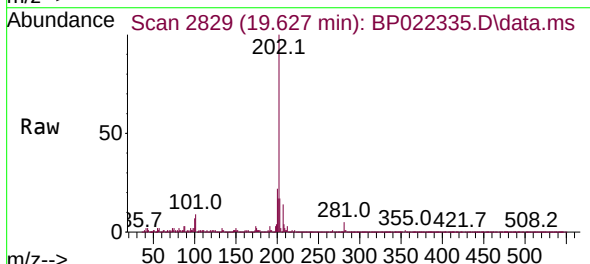
Manual Integrations
APPROVED

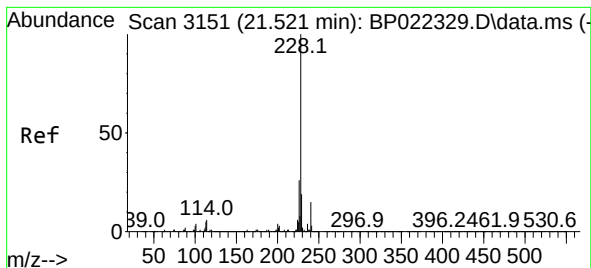
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#82
Pyrene
Concen: 2.603 ng/u1
RT: 19.627 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP022335.D
Acq: 11 Oct 2024 15:28

Tgt Ion:202 Resp: 131239
Ion Ratio Lower Upper
202 100
101 9.0 6.7 10.1
100 6.7 5.8 8.6





#85

Benzo(a)anthracene

Concen: 1.638 ng/ul

RT: 21.533 min Scan# 3153

Delta R.T. 0.012 min

Lab File: BP022335.D

Acq: 11 Oct 2024 15:28

Instrument :

BNA_P

ClientSampleId :

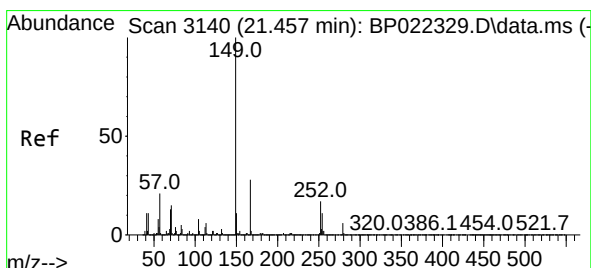
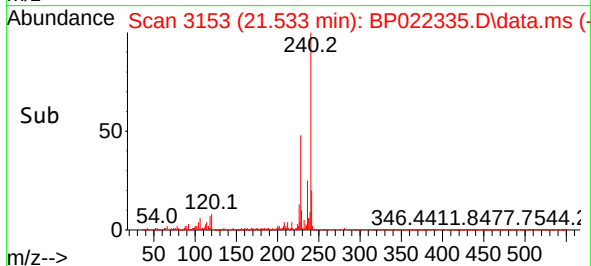
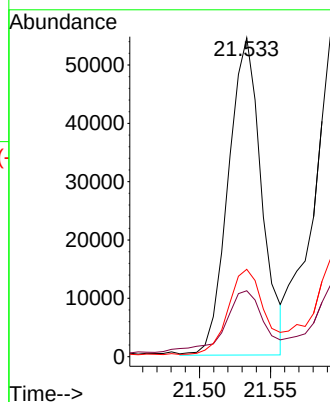
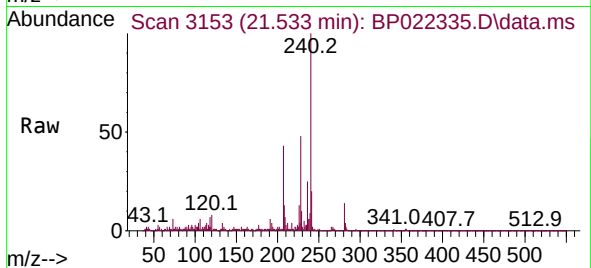
A4F10

Tgt Ion:	228	Resp:	88850
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.4	23.0
226	27.4	21.5	32.3

Manual Integrations

APPROVED

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



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.480 ng/ul

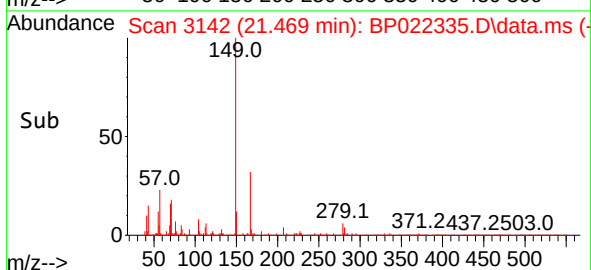
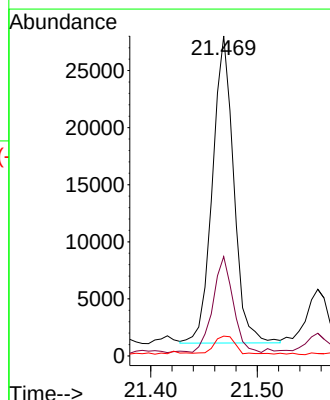
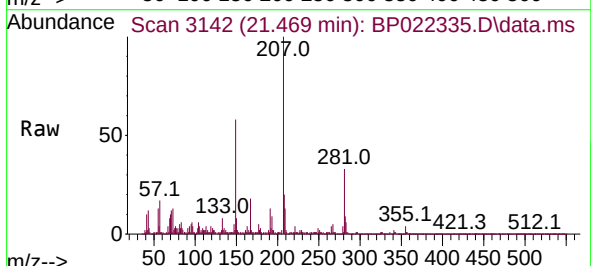
RT: 21.469 min Scan# 3142

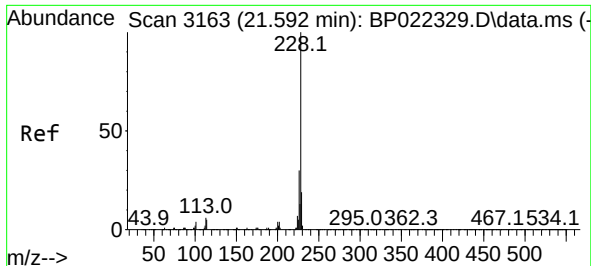
Delta R.T. 0.006 min

Lab File: BP022335.D

Acq: 11 Oct 2024 15:28

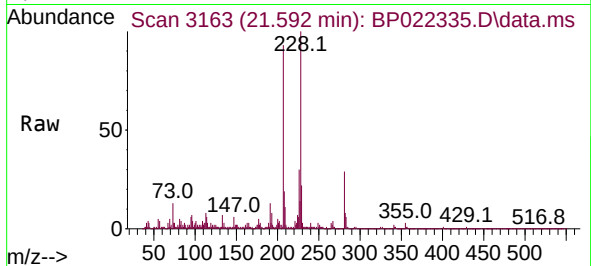
Tgt Ion:	149	Resp:	37288
Ion Ratio	Lower	Upper	
149	100		
167	31.1	23.0	34.4
279	6.2	4.8	7.2





#87
Chrysene
Concen: 1.874 ng/ul
RT: 21.592 min Scan# 3163
Delta R.T. -0.000 min
Lab File: BP022335.D
Acq: 11 Oct 2024 15:28

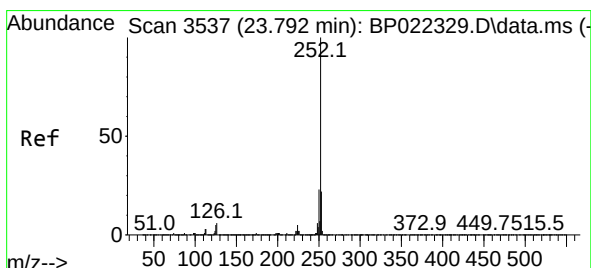
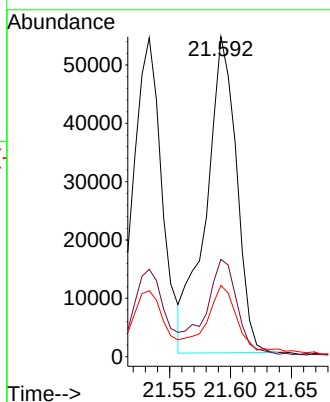
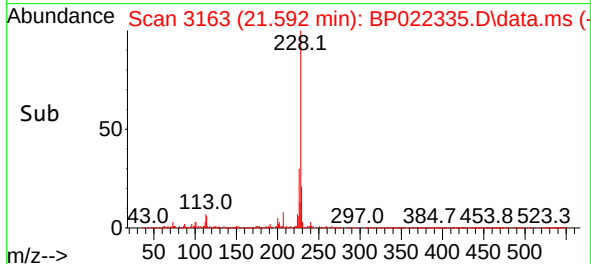
Instrument : BNA_P
ClientSampleId : A4F10



Tgt Ion:228 Resp: 9425
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 22.2 15.5 23.3

Manual Integrations
APPROVED

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



#90
Benzo(b)fluoranthene
Concen: 2.275 ng/ul
RT: 23.804 min Scan# 3539
Delta R.T. 0.018 min
Lab File: BP022335.D
Acq: 11 Oct 2024 15:28

Tgt Ion:252 Resp: 131525
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 7.2 5.0 7.4

