

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022288.D
 Acq On : 09 Oct 2024 13:37
 Operator : RC/JU
 Sample : P4162-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4ER7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 14:06:45 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	7.705	152	187148	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	745296	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	601138	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1421222	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1373836	20.000	ng/u1	0.01
88) Perylene-d12	24.839	264	1577530	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	7039	1.462	ng/uL	0.00
4) Pyridine-d5	3.652	84	10983	0.831	ng/u1	0.02
7) Phenol-d5	6.887	99	151346	9.607	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	96525	10.425	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	120110	10.745	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	105028	8.354	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	60433	10.546	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	73269	11.044	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	149988	10.637	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	79154	4.751	ng/u1	0.01
46) Dimethylphthalate-d6	13.728	166	523614	10.963	ng/u1	0.01
49) Acenaphthylene-d8	14.004	160	553263	10.906	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	58730	7.330	ng/u1	0.00
60) Fluorene-d10	15.316	176	468334	11.305	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	76995	8.237	ng/u1	0.00
73) Anthracene-d10	17.210	188	729721	10.915	ng/u1	0.00
81) Pyrene-d10	19.586	212	717468	9.876	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	521612	6.191	ng/u1	0.01
Target Compounds					Qvalue	
16) Acetophenone	8.510	105	47268	2.277	ng/u1	96
72) Phenanthrene	17.157	178	366856	4.825	ng/u1	98
80) Fluoranthene	19.239	202	869061	10.405	ng/u1	100
82) Pyrene	19.622	202	523982	5.853	ng/u1	99
85) Benzo(a)anthracene	21.527	228	395215	4.104	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.463	149	81355	1.819	ng/u1	98
87) Chrysene	21.598	228	409832	4.589	ng/u1	98
90) Benzo(b)fluoranthene	23.798	252	561934	5.659	ng/u1	99
91) Benzo(k)fluoranthene	23.857	252	195086m	2.007	ng/u1	
93) Benzo(a)pyrene	24.692	252	162798m	1.781	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.556	276	170005m	1.394	ng/u1	

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

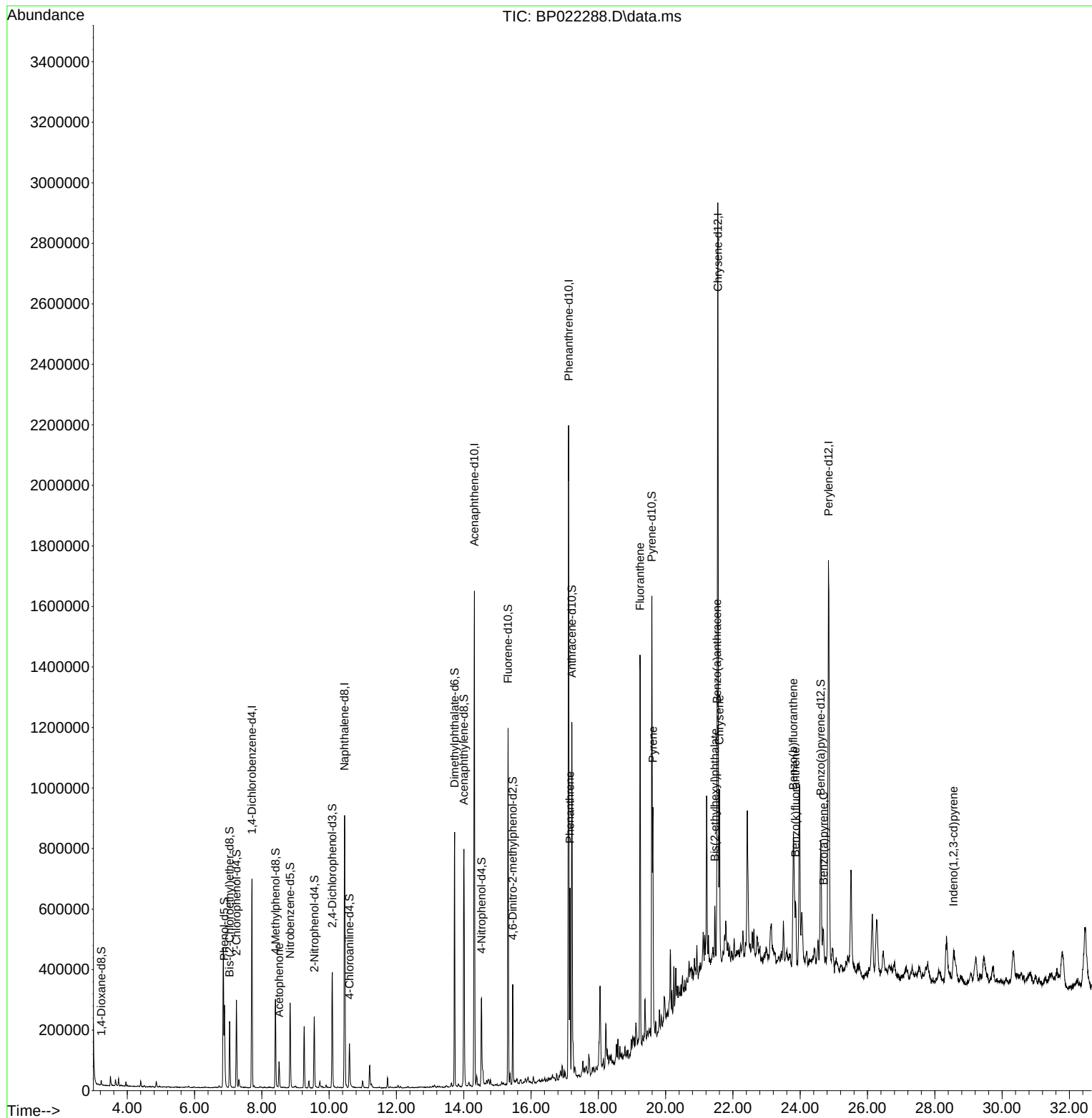
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022288.D
Acq On : 09 Oct 2024 13:37
Operator : RC/JU
Sample : P4162-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

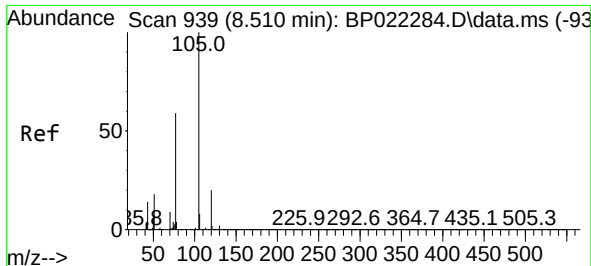
Instrument :
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ClientSampleId :
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Quant Time: Oct 09 14:06:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
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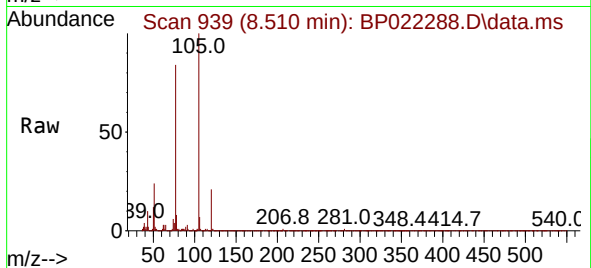
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024





#16
Acetophenone
Concen: 2.277 ng/ul
RT: 8.510 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP022288.D
Acq: 09 Oct 2024 13:37

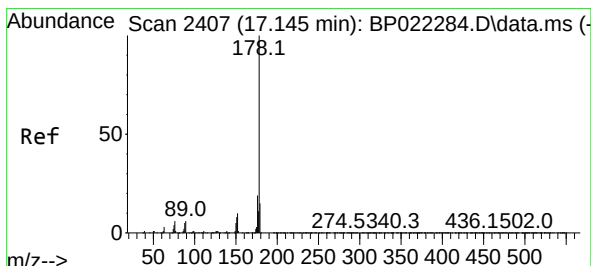
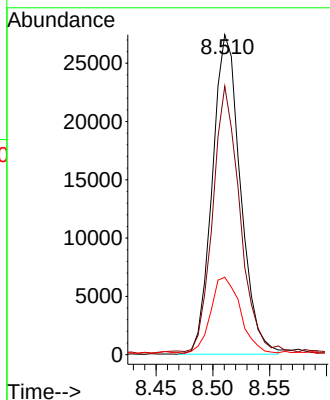
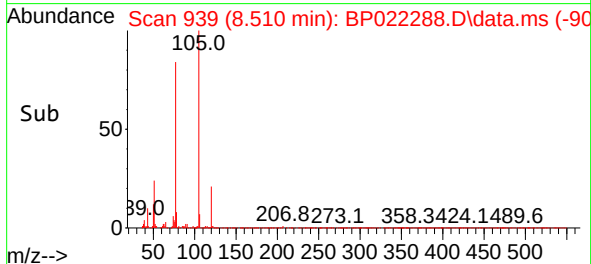
Instrument :
BNA_P
ClientSampleId :
A4ER7



Tgt Ion:105 Resp: 47268
Ion Ratio Lower Upper
105 100
77 83.9 69.0 103.4
51 24.2 22.6 33.8

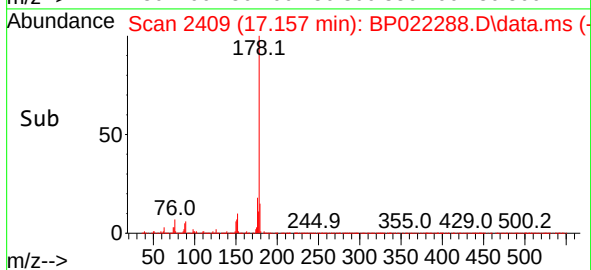
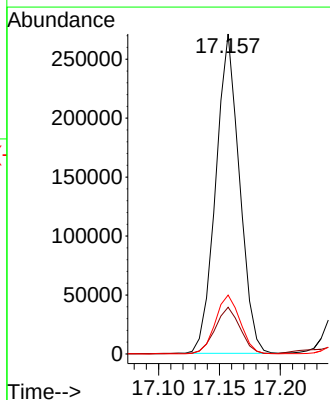
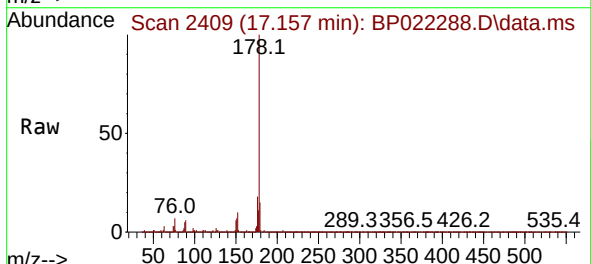
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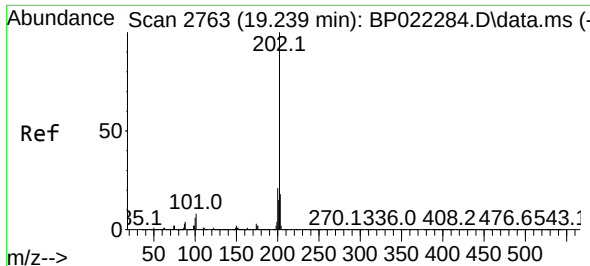
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#72
Phenanthrene
Concen: 4.825 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP022288.D
Acq: 09 Oct 2024 13:37

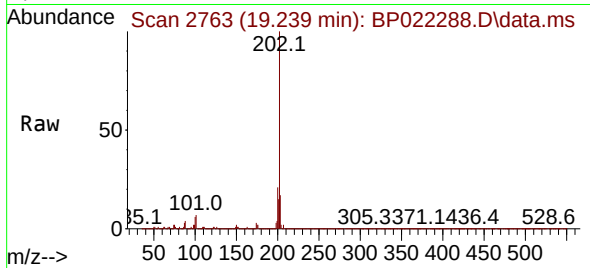
Tgt Ion:178 Resp: 366856
Ion Ratio Lower Upper
178 100
179 14.6 12.2 18.4
176 18.4 15.7 23.5





#80
Fluoranthene
Concen: 10.405 ng/u1
RT: 19.239 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BP022288.D
Acq: 09 Oct 2024 13:37

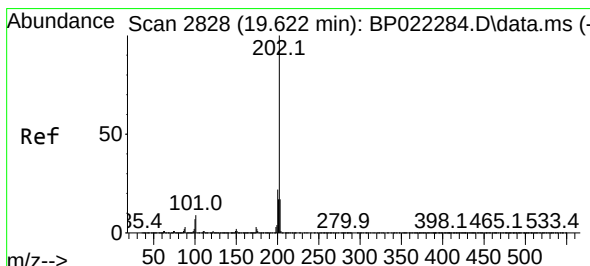
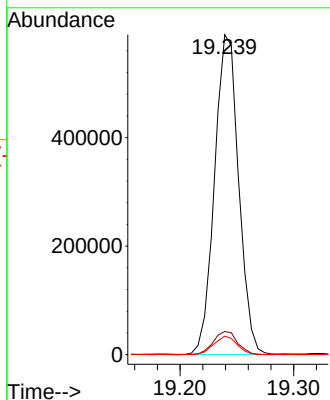
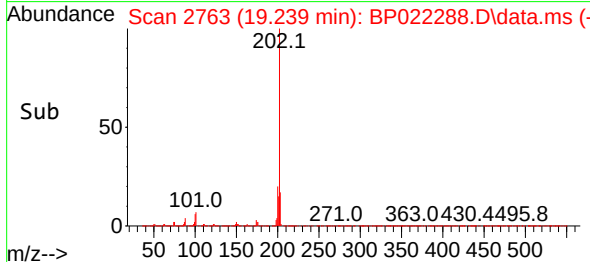
Instrument :
BNA_P
ClientSampleId :
A4ER7



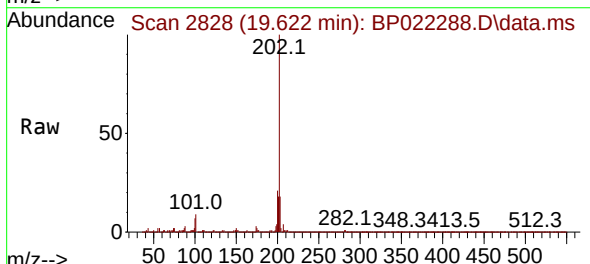
Tgt Ion:202 Resp: 86906
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.8
100 5.8 4.5 6.7

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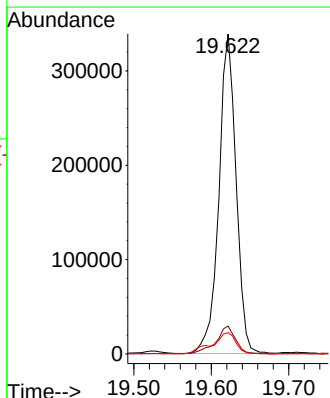
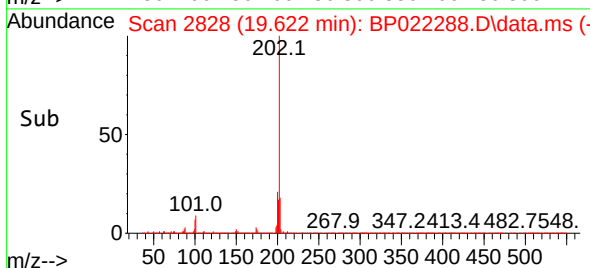
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

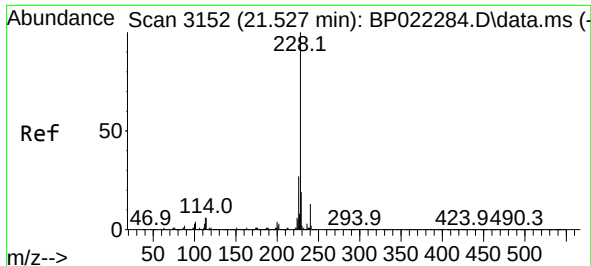


#82
Pyrene
Concen: 5.853 ng/u1
RT: 19.622 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP022288.D
Acq: 09 Oct 2024 13:37



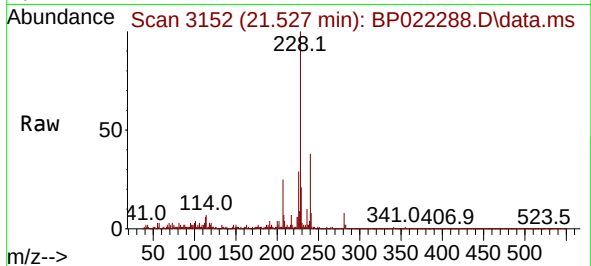
Tgt Ion:202 Resp: 523982
Ion Ratio Lower Upper
202 100
101 8.7 6.7 10.1
100 6.6 5.8 8.6





#85
Benzo(a)anthracene
Concen: 4.104 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BP022288.D
Acq: 09 Oct 2024 13:37

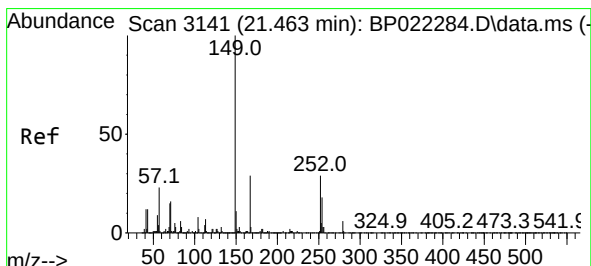
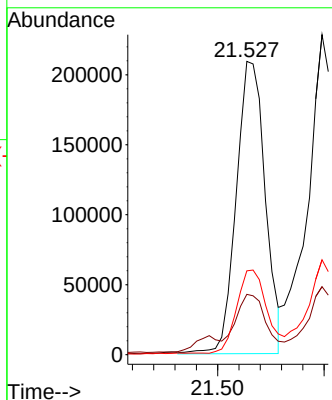
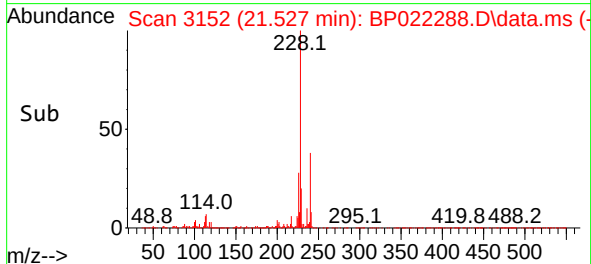
Instrument :
BNA_P
ClientSampleId :
A4ER7



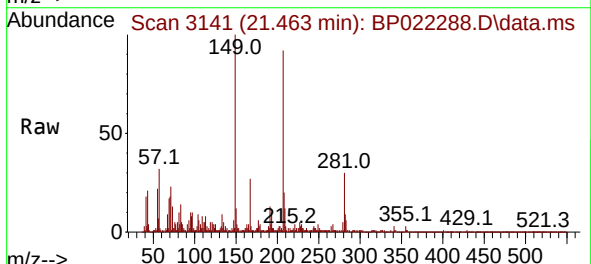
Tgt Ion:228 Resp: 395215
Ion Ratio Lower Upper
228 100
229 20.6 15.4 23.0
226 28.6 21.5 32.3

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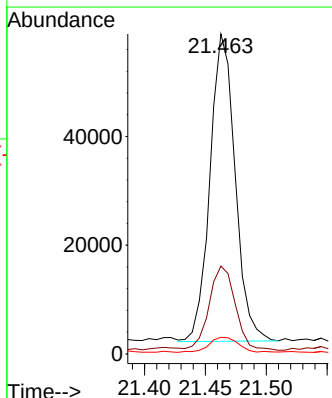
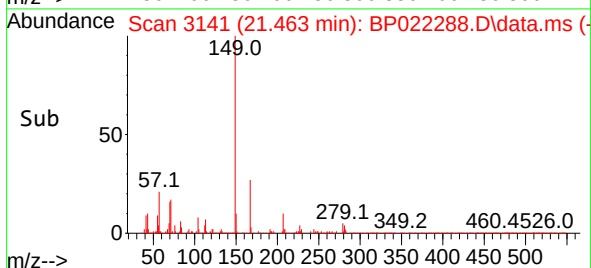
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

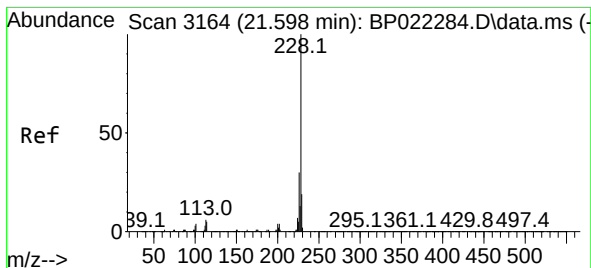


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.819 ng/ul
RT: 21.463 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BP022288.D
Acq: 09 Oct 2024 13:37



Tgt Ion:149 Resp: 81355
Ion Ratio Lower Upper
149 100
167 27.5 23.0 34.4
279 5.2 4.8 7.2





#87

Chrysene

Concen: 4.589 ng/ul

RT: 21.598 min Scan# 3164

Delta R.T. 0.006 min

Lab File: BP022288.D

Acq: 09 Oct 2024 13:37

Instrument :

BNA_P

ClientSampleId :

A4ER7

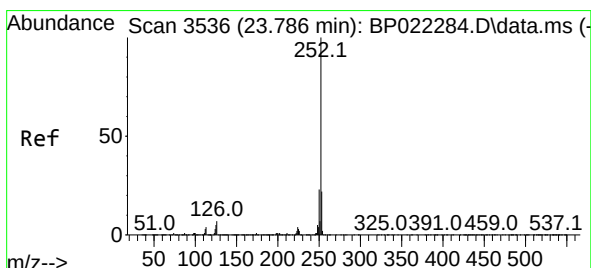
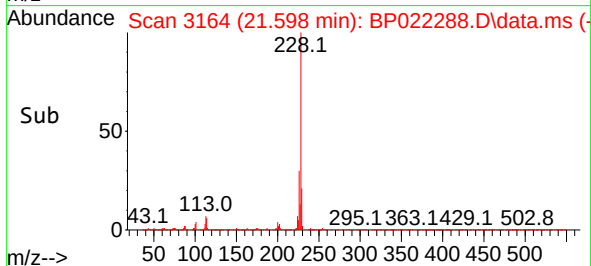
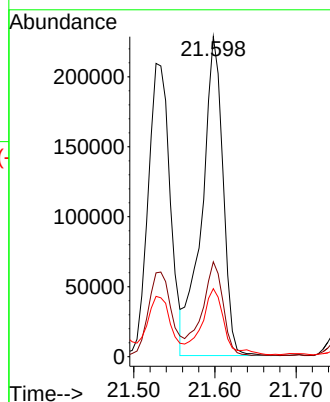
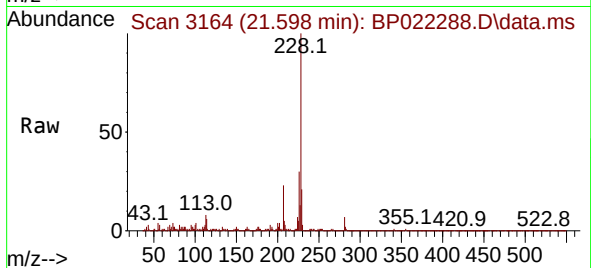
Tgt Ion:	228	Resp:	40983
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.8	35.8
229	21.2	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 5.659 ng/ul

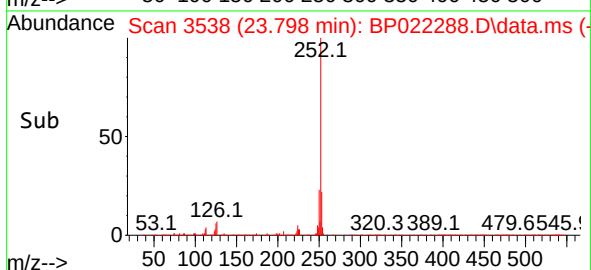
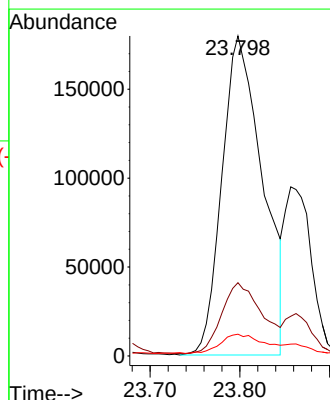
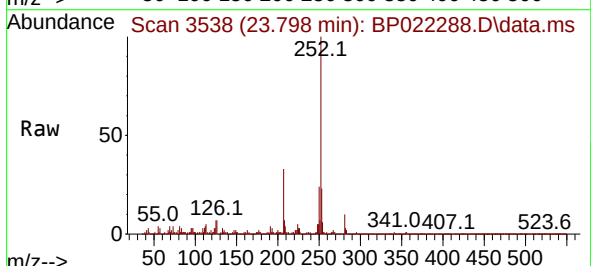
RT: 23.798 min Scan# 3538

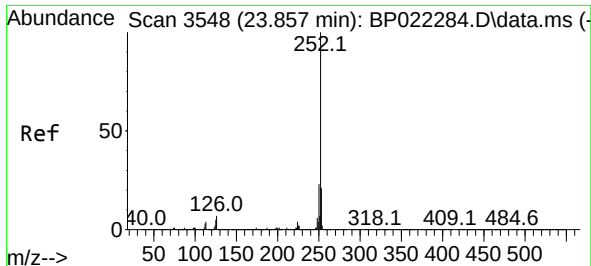
Delta R.T. 0.012 min

Lab File: BP022288.D

Acq: 09 Oct 2024 13:37

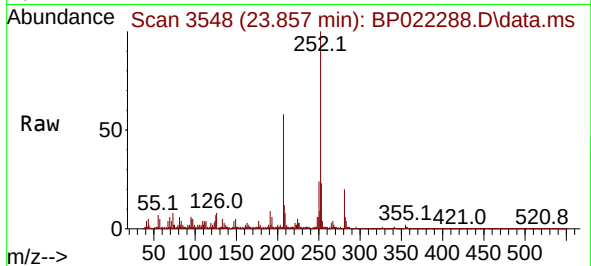
Tgt Ion:	252	Resp:	561934
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.8
125	6.8	5.0	7.4





#91
Benzo(k)fluoranthene
Concen: 2.007 ng/ul m
RT: 23.857 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BP022288.D
Acq: 09 Oct 2024 13:37

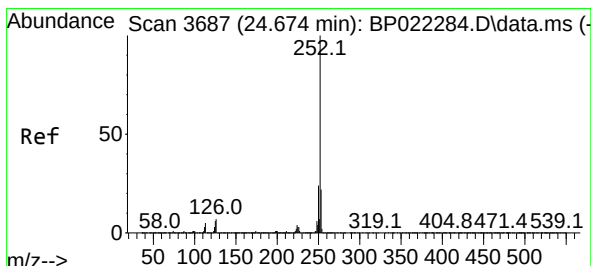
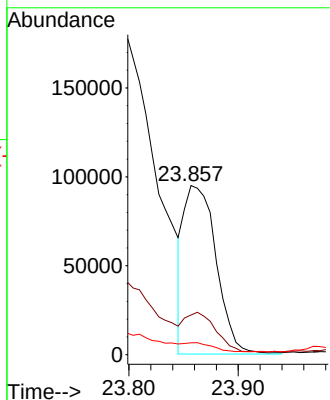
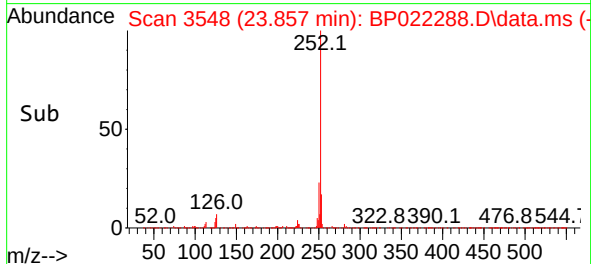
Instrument :
BNA_P
ClientSampleId :
A4ER7



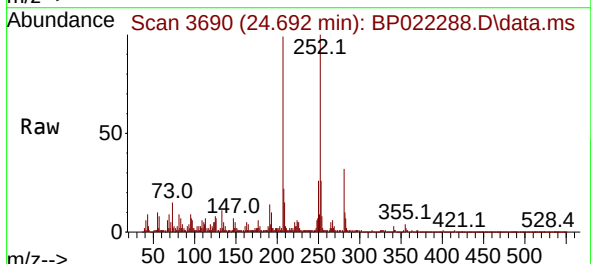
Tgt Ion:252 Resp: 195080
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 7.0 4.6 6.8

Manual Integrations
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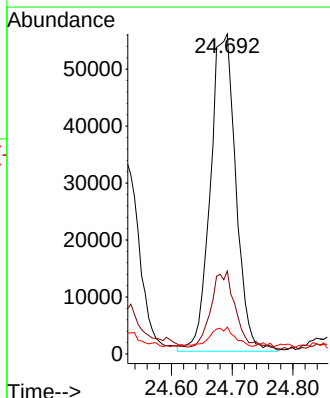
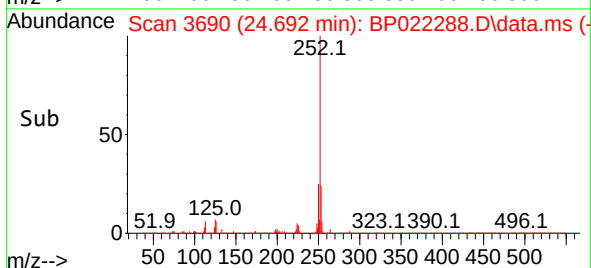
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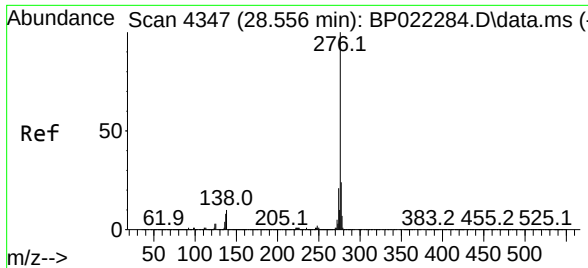


#93
Benzo(a)pyrene
Concen: 1.781 ng/ul m
RT: 24.692 min Scan# 3690
Delta R.T. 0.018 min
Lab File: BP022288.D
Acq: 09 Oct 2024 13:37



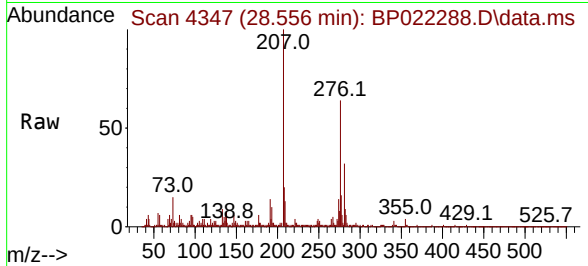
Tgt Ion:252 Resp: 162798
Ion Ratio Lower Upper
252 100
253 25.9 17.7 26.5
125 8.4 4.9 7.3





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.394 ng/ul m
 RT: 28.556 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP022288.D
 Acq: 09 Oct 2024 13:37

Instrument :
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Tgt Ion:276 Resp: 17000
 Ion Ratio Lower Upper
 276 100
 138 12.7 9.1 13.7
 277 24.9 18.6 27.8

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