

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022543.D
 Acq On : 22 Oct 2024 19:09
 Operator : RC/JU
 Sample : P4414-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F77

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 01:38:35 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	7.657	152	117048	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	437761	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	324373	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.074	188	751004	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	793987	20.000	ng/u1	0.00
88) Perylene-d12	24.768	264	927691	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	7979	2.649	ng/uL	0.00
4) Pyridine-d5	3.610	84	106349	12.861	ng/u1	0.00
7) Phenol-d5	6.851	99	159076	16.145	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	95669	16.521	ng/u1	0.00
11) 2-Chlorophenol-d4	7.204	132	120466	17.231	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	132592	16.863	ng/u1	0.00
21) Nitrobenzene-d5	8.798	128	60280	17.909	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	69484	17.831	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	150724	18.198	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	170058	17.377	ng/u1	0.00
46) Dimethylphthalate-d6	13.686	166	520743	20.206	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	555455	20.292	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	57119m	13.211	ng/u1	0.00
60) Fluorene-d10	15.280	176	457079	20.447	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.433	200	49195	9.960	ng/u1	0.02
73) Anthracene-d10	17.174	188	747014	21.144	ng/u1	0.00
81) Pyrene-d10	19.557	212	920029	21.912	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1052331	21.241	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.116	178	142136	3.538	ng/u1	99
74) Anthracene	17.210	178	42402	1.057	ng/u1	98
80) Fluoranthene	19.204	202	275651	5.711	ng/u1	99
82) Pyrene	19.580	202	257768	4.982	ng/u1	99
85) Benzo(a)anthracene	21.486	228	144768	2.601	ng/u1	97
87) Chrysene	21.551	228	130339	2.525	ng/u1	96
90) Benzo(b)fluoranthene	23.745	252	155473	2.662	ng/u1	100
93) Benzo(a)pyrene	24.598	252	123915	2.306	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.462	276	76714	1.070	ng/u1	98
96) Benzo(g,h,i)perylene	29.615	276	74904m	1.343	ng/u1	

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

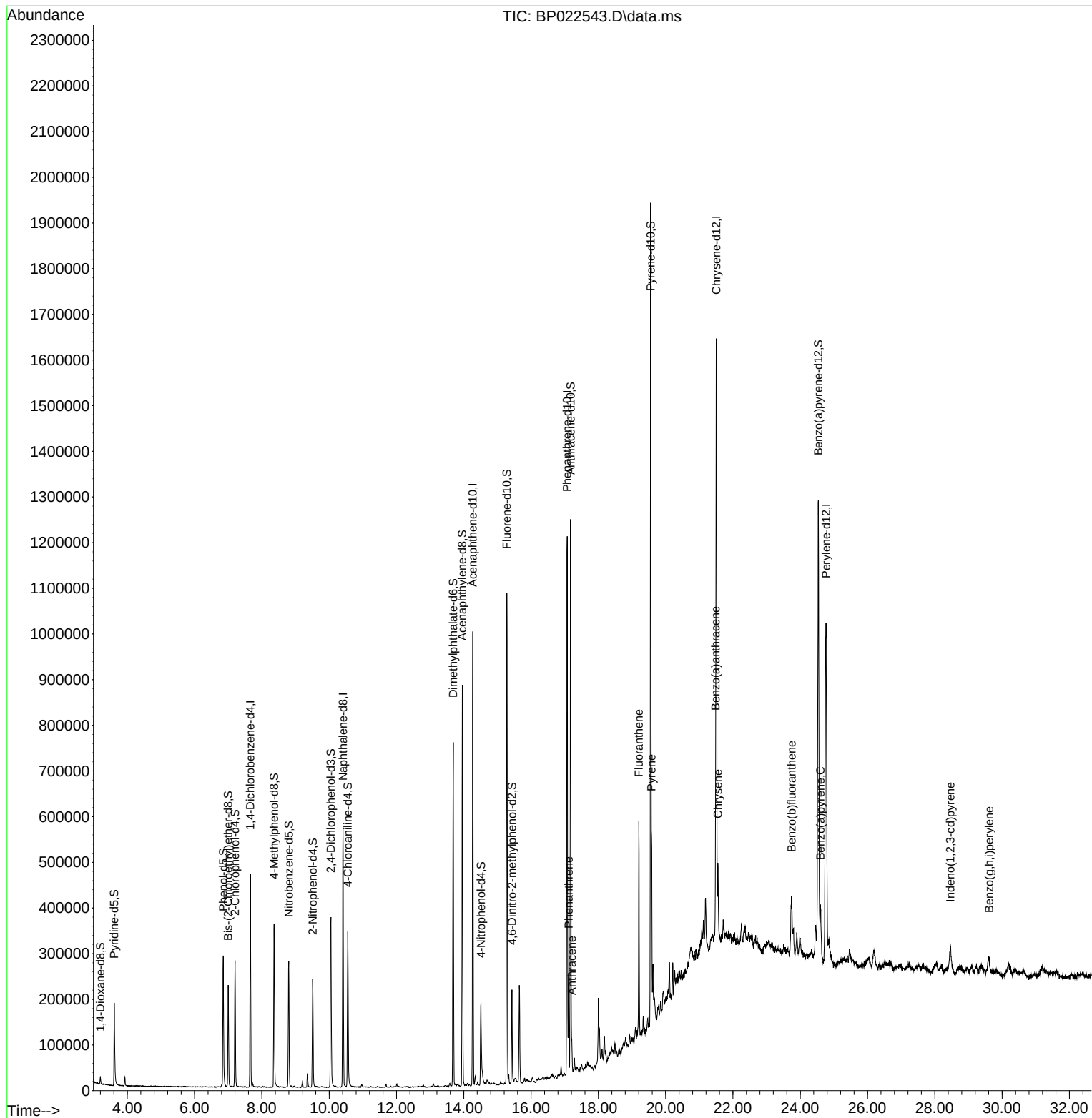
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022543.D
Acq On : 22 Oct 2024 19:09
Operator : RC/JU
Sample : P4414-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

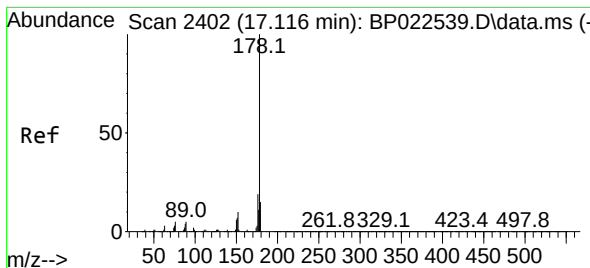
Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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#72

Phenanthrene

Concen: 3.538 ng/ul

RT: 17.116 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BP022543.D

Acq: 22 Oct 2024 19:09

Instrument :

BNP_P

ClientSampleId :

A4F77

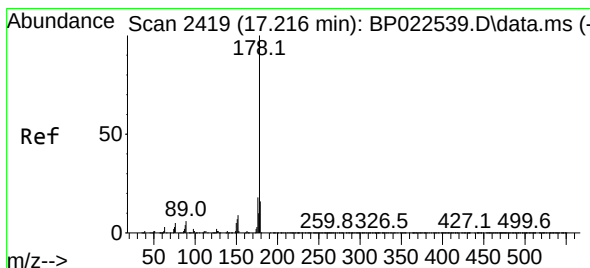
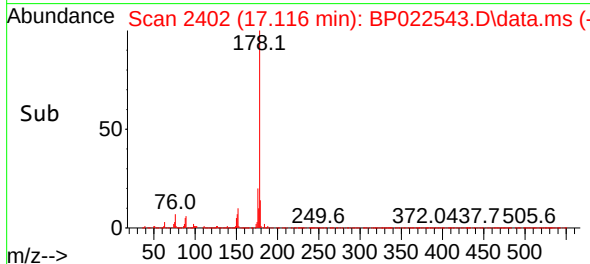
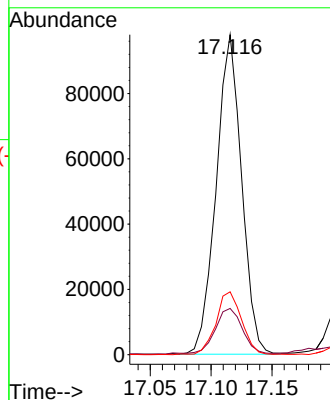
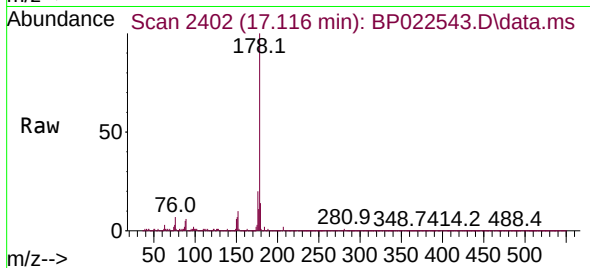
Tgt Ion:	178	Resp:	142130
Ion Ratio	Lower	Upper	
178	100		
179	14.5	12.2	18.4
176	19.7	15.7	23.5

Manual Integrations

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#74

Anthracene

Concen: 1.057 ng/ul

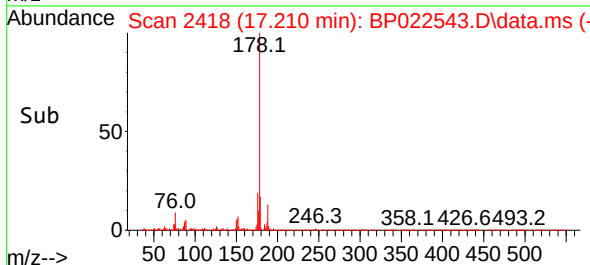
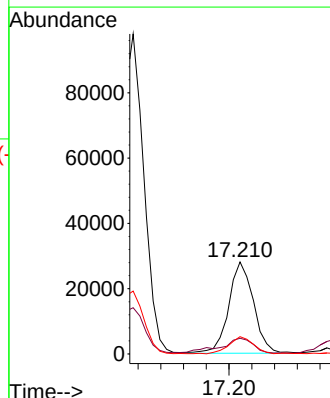
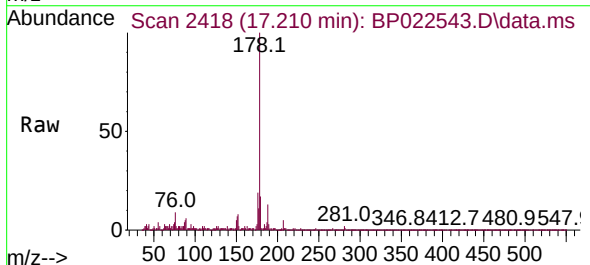
RT: 17.210 min Scan# 2418

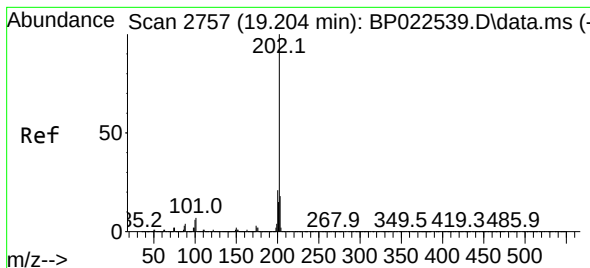
Delta R.T. 0.006 min

Lab File: BP022543.D

Acq: 22 Oct 2024 19:09

Tgt Ion:	178	Resp:	42402
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.0	18.0
176	18.8	15.0	22.4





#80

Fluoranthene

Concen: 5.711 ng/uI

RT: 19.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022543.D

Acq: 22 Oct 2024 19:09

Instrument :

BNP_P

ClientSampleId :

A4F77

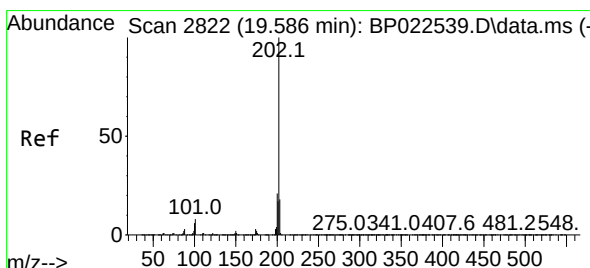
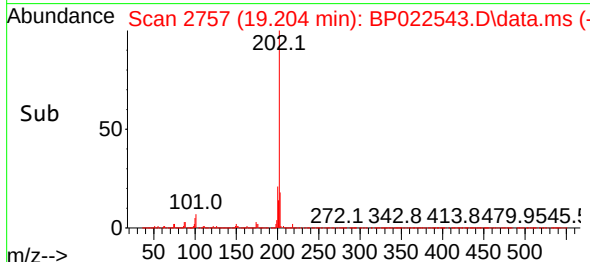
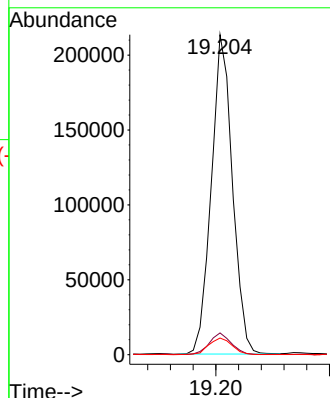
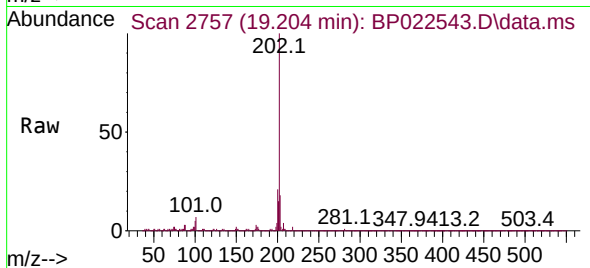
Tgt Ion:	202	Resp:	27565
Ion Ratio	Lower	Upper	
202	100		
101	6.8	5.8	8.8
100	5.2	4.5	6.7

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#82

Pyrene

Concen: 4.982 ng/uI

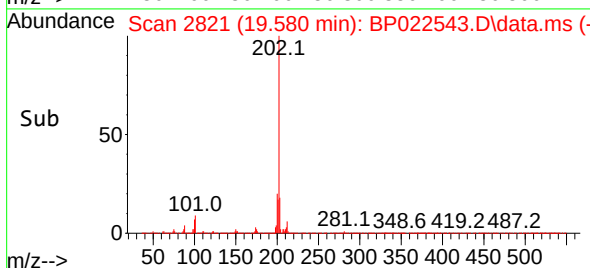
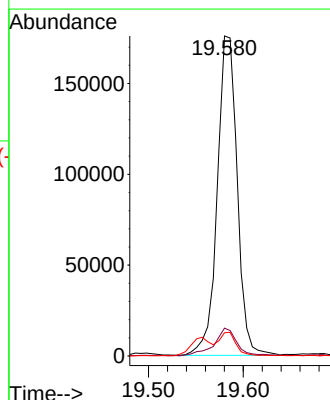
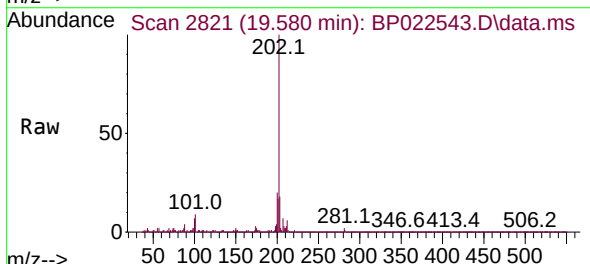
RT: 19.580 min Scan# 2821

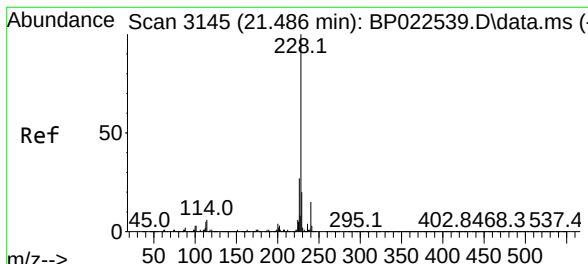
Delta R.T. -0.006 min

Lab File: BP022543.D

Acq: 22 Oct 2024 19:09

Tgt Ion:	202	Resp:	257768
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.7	10.1
100	7.3	5.8	8.6





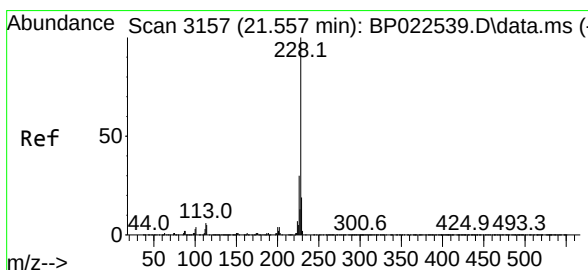
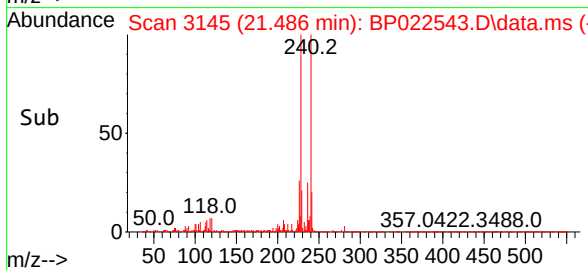
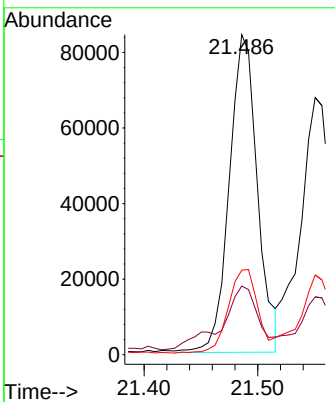
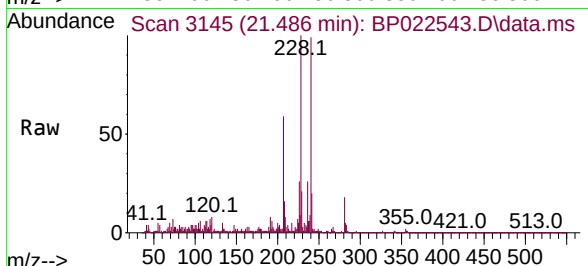
#85
Benzo(a)anthracene
Concen: 2.601 ng/u1
RT: 21.486 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BP022543.D
Acq: 22 Oct 2024 19:09

Instrument : BNA_P
ClientSampleId : A4F77

Tgt Ion:228	Resp: 144768
Ion Ratio	Lower Upper
228	100
229	21.4 15.4 23.0
226	26.4 21.5 32.3

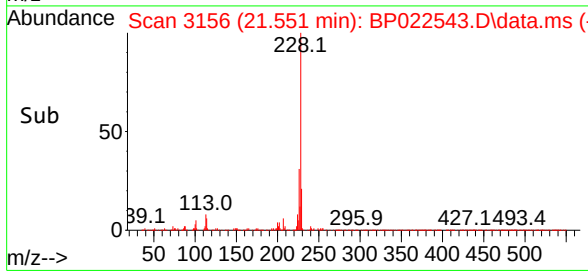
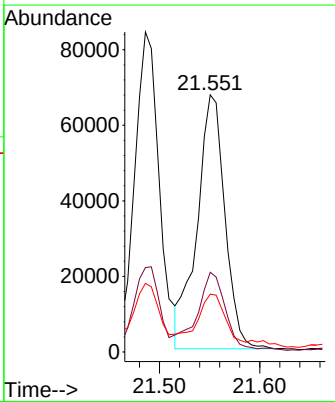
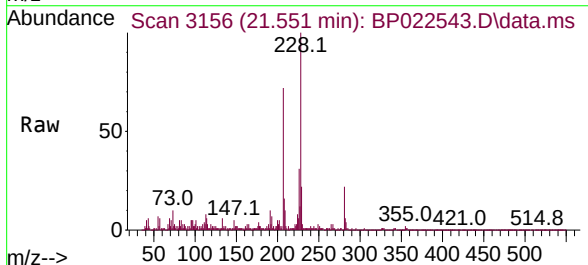
Manual Integrations
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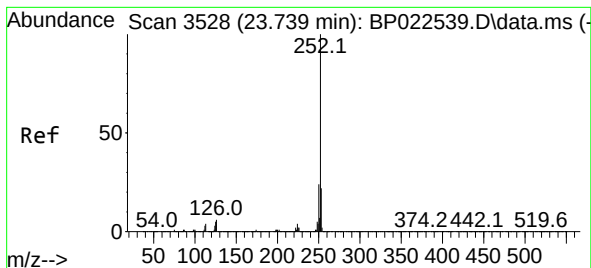
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#87
Chrysene
Concen: 2.525 ng/u1
RT: 21.551 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BP022543.D
Acq: 22 Oct 2024 19:09

Tgt Ion:228	Resp: 130339
Ion Ratio	Lower Upper
228	100
226	31.0 23.8 35.8
229	22.5 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 2.662 ng/uI

RT: 23.745 min Scan# 3528

Delta R.T. 0.024 min

Lab File: BP022543.D

Acq: 22 Oct 2024 19:09

Instrument :

BNA_P

ClientSampleId :

A4F77

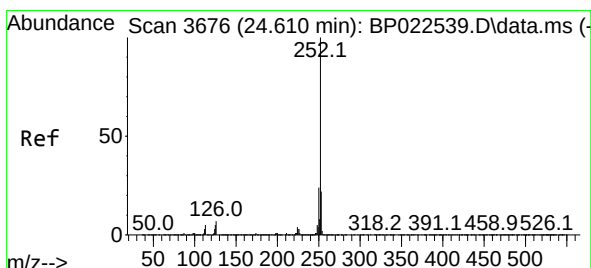
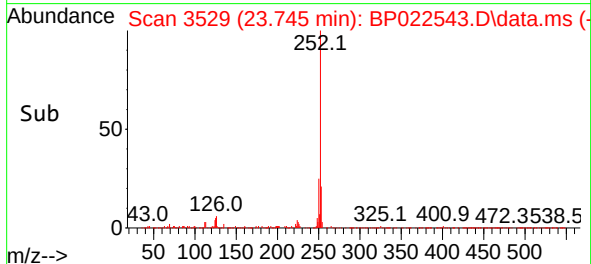
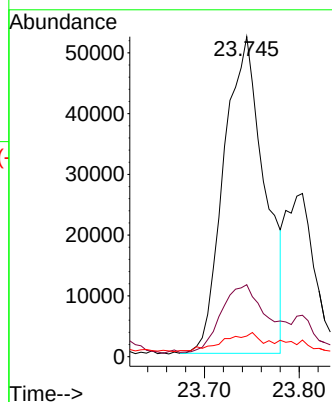
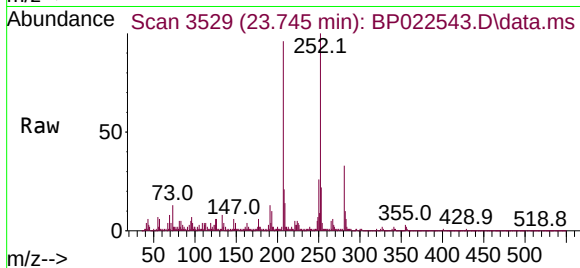
Tgt Ion:252	Resp: 15547
Ion Ratio	Lower Upper
252 100	
253 22.5	17.8 26.8
125 6.5	5.0 7.4

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#93

Benzo(a)pyrene

Concen: 2.306 ng/uI

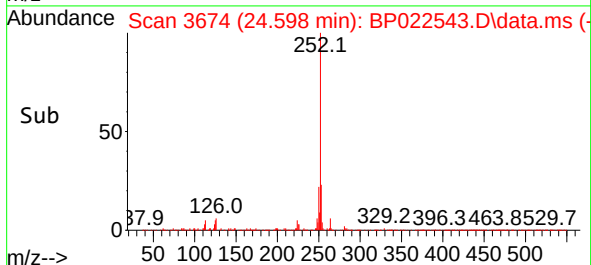
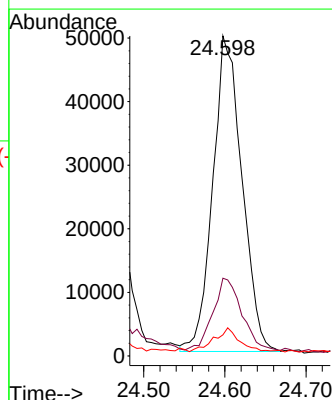
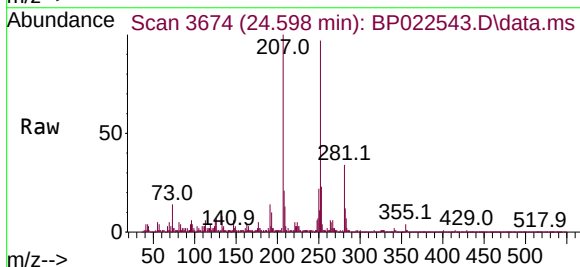
RT: 24.598 min Scan# 3674

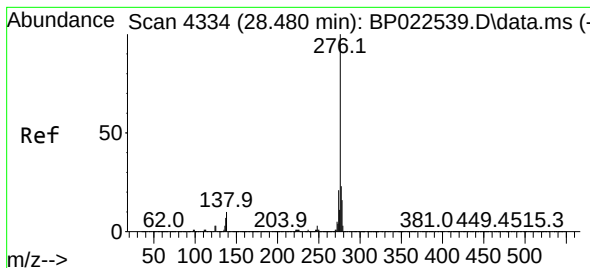
Delta R.T. -0.006 min

Lab File: BP022543.D

Acq: 22 Oct 2024 19:09

Tgt Ion:252	Resp: 123915
Ion Ratio	Lower Upper
252 100	
253 24.3	17.7 26.5
125 6.6	4.9 7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.070 ng/ul

RT: 28.462 min Scan# 41

Delta R.T. 0.029 min

Lab File: BP022543.D

Acq: 22 Oct 2024 19:09

Instrument :

BNA_P

ClientSampleId :

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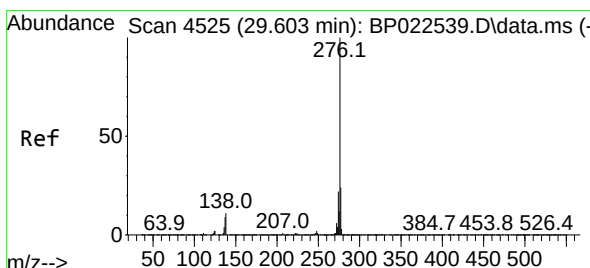
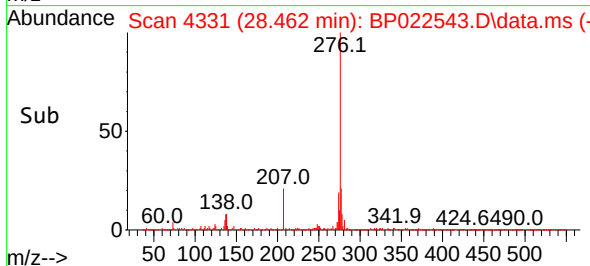
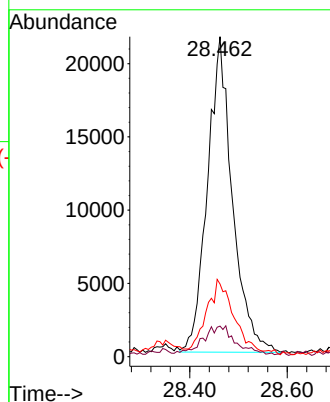
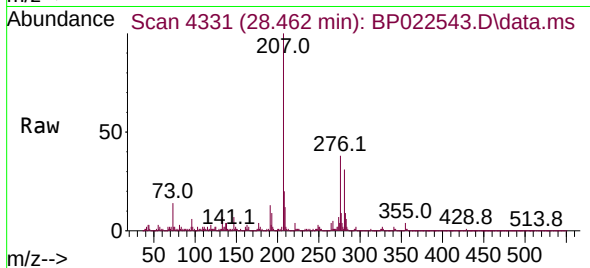
Tgt Ion:	276	Resp:	76714
Ion Ratio	Lower	Upper	
276	100		
138	9.5	9.1	13.7
277	22.7	18.6	27.8

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#96

Benzo(g,h,i)perylene

Concen: 1.343 ng/ul m

RT: 29.615 min Scan# 4527

Delta R.T. 0.041 min

Lab File: BP022543.D

Acq: 22 Oct 2024 19:09

Tgt Ion:	276	Resp:	74904
Ion Ratio	Lower	Upper	
276	100		
138	11.1	8.5	12.7
277	23.8	19.0	28.4

