

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023270.D
 Acq On : 21 Nov 2024 04:33
 Operator : RC/JU
 Sample : P4872-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E29Y6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 05:40:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	111778	20.000	ng/u1	0.00
20) Naphthalene-d8	10.310	136	409824	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.181	164	302877	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.987	188	729490	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.428	240	806568	20.000	ng/u1	0.00
88) Perylene-d12	24.651	264	917611	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	10077	4.333	ng/uL	0.00
4) Pyridine-d5	3.552	84	140911	20.395	ng/u1	0.00
7) Phenol-d5	6.775	99	217309	26.296	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.917	67	128036	26.370	ng/u1	0.00
11) 2-Chlorophenol-d4	7.111	132	162853	26.907	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	183593	26.997	ng/u1	0.00
21) Nitrobenzene-d5	8.711	128	81877	28.698	ng/u1	0.00
24) 2-Nitrophenol-d4	9.422	143	97109	28.550	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	192325	27.000	ng/u1	0.00
31) 4-Chloroaniline-d4	10.469	131	231555	27.248	ng/u1	0.00
46) Dimethylphthalate-d6	13.599	166	723788	33.157	ng/u1	0.01
49) Acenaphthylene-d8	13.881	160	732184	32.145	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	96706m	29.479	ng/u1	0.00
60) Fluorene-d10	15.187	176	624300	32.620	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.357	200	96153	22.003	ng/u1	0.00
73) Anthracene-d10	17.098	188	1056569	34.207	ng/u1	0.00
81) Pyrene-d10	19.481	212	1316329	35.432	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.427	264	1553862	35.550	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.811	94	10641m	1.233	ng/u1	
72) Phenanthrene	17.034	178	159411	4.628	ng/u1	98
74) Anthracene	17.134	178	38560m	1.114	ng/u1	
80) Fluoranthene	19.134	202	373090	8.717	ng/u1	99
82) Pyrene	19.504	202	289253	6.291	ng/u1	99
85) Benzo(a)anthracene	21.410	228	179439	3.643	ng/u1	99
87) Chrysene	21.475	228	148385	3.202	ng/u1	95
90) Benzo(b)fluoranthene	23.639	252	194208	3.802	ng/u1	99
91) Benzo(k)fluoranthene	23.704	252	74706	1.486	ng/u1#	96
93) Benzo(a)pyrene	24.492	252	132870	2.878	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	28.310	276	88328m	1.373	ng/u1	
96) Benzo(g,h,i)perylene	29.439	276	75070	1.536	ng/u1	99

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

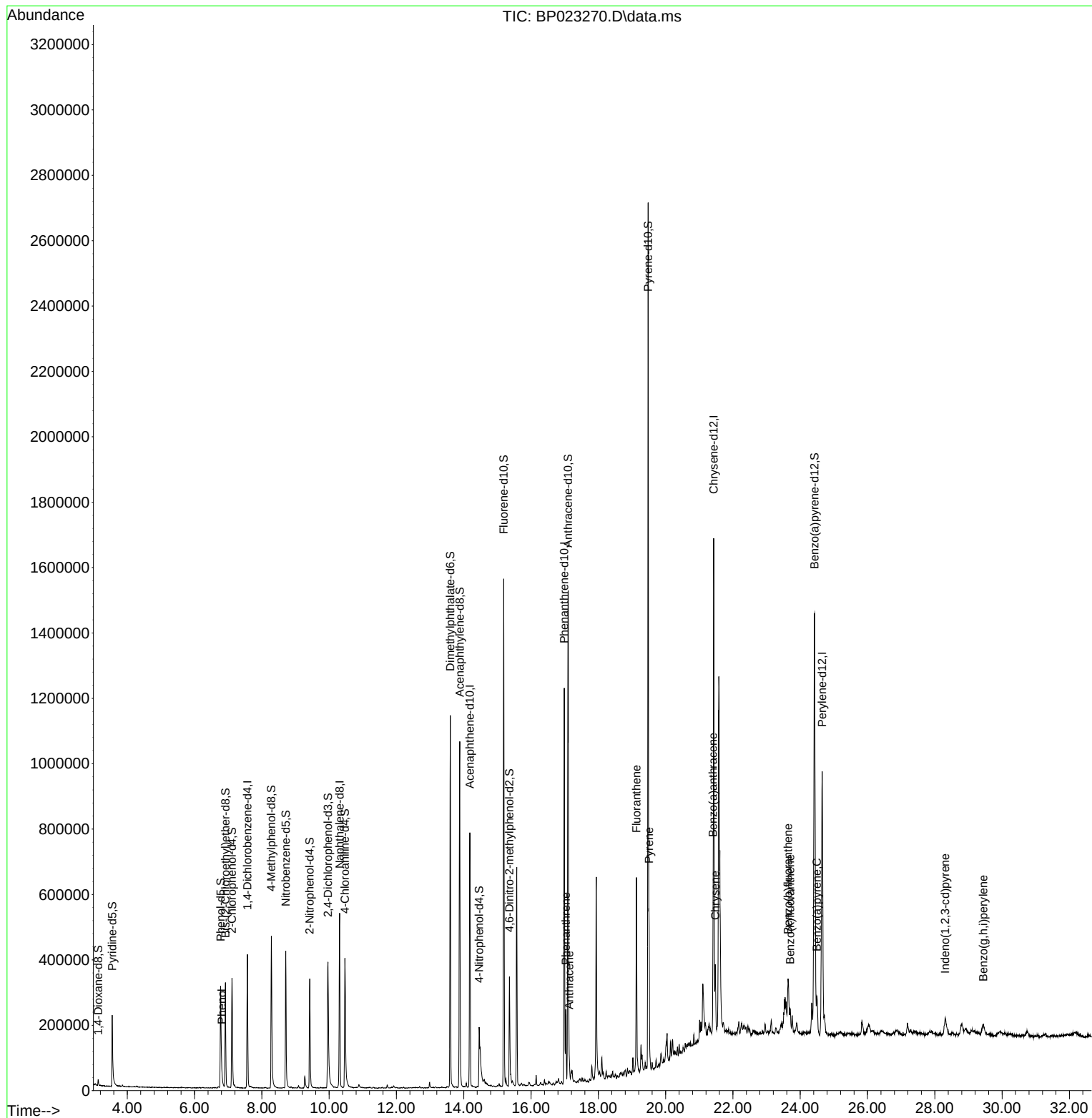
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023270.D
Acq On : 21 Nov 2024 04:33
Operator : RC/JU
Sample : P4872-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

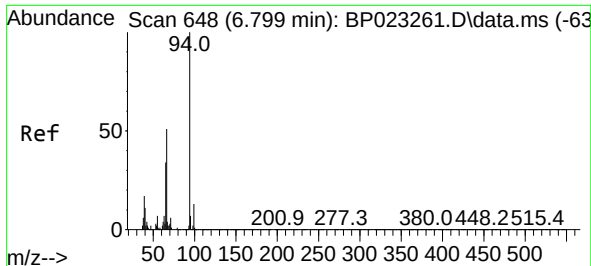
Instrument :
BNA_P
ClientSampleId :
E29Y6

Quant Time: Nov 21 05:40:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

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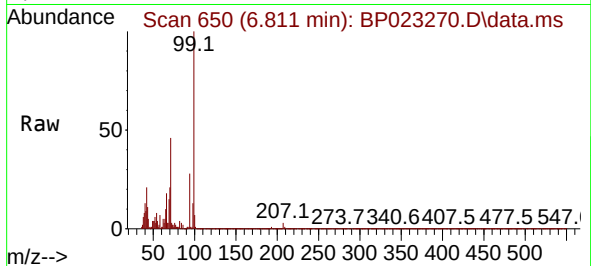
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024





#8
Phenol
Concen: 1.233 ng/ul m
RT: 6.811 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP023270.D
Acq: 21 Nov 2024 04:33

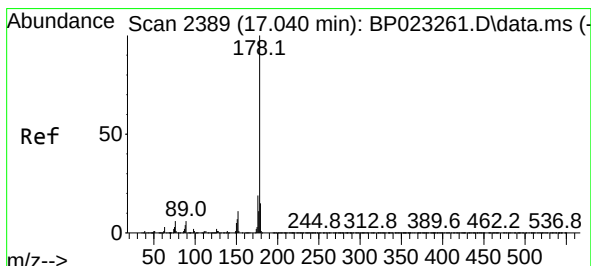
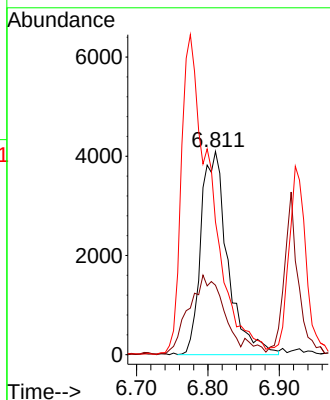
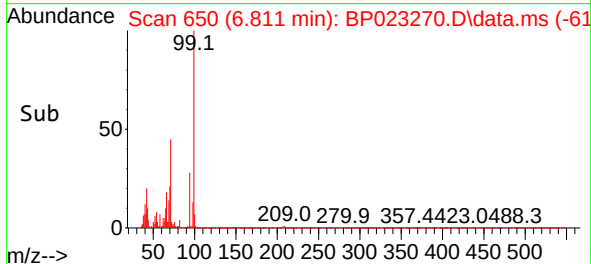
Instrument :
BNA_P
ClientSampleId :
E29Y6



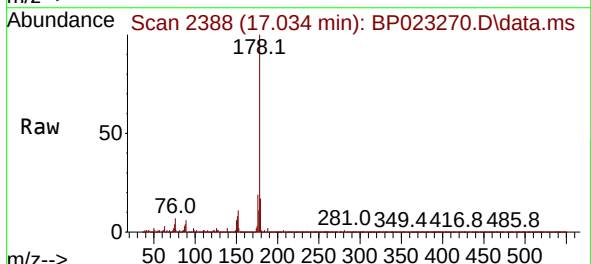
Tgt Ion: 94 Resp: 1064
Ion Ratio Lower Upper
94 100
65 34.2 26.2 39.4
66 65.4 40.2 60.4

Manual Integrations
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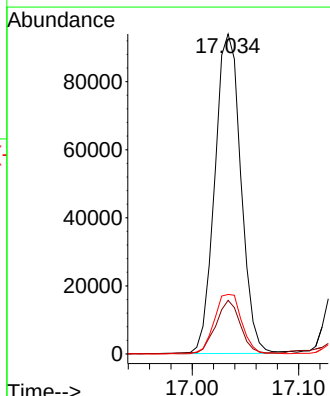
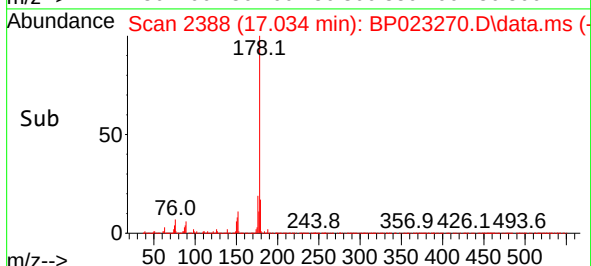
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

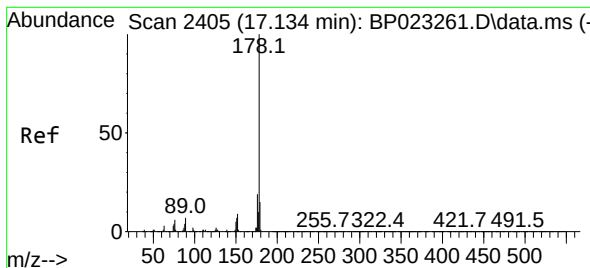


#72
Phenanthrene
Concen: 4.628 ng/ul
RT: 17.034 min Scan# 2388
Delta R.T. -0.011 min
Lab File: BP023270.D
Acq: 21 Nov 2024 04:33



Tgt Ion:178 Resp: 159411
Ion Ratio Lower Upper
178 100
179 16.8 12.7 19.1
176 18.6 15.4 23.2





#74

Anthracene

Concen: 1.114 ng/ul m

RT: 17.134 min Scan# 2405

Delta R.T. 0.006 min

Lab File: BP023270.D

Acq: 21 Nov 2024 04:33

Instrument :

BNA_P

ClientSampleId :

E29Y6

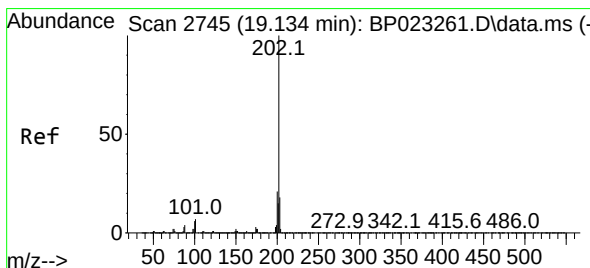
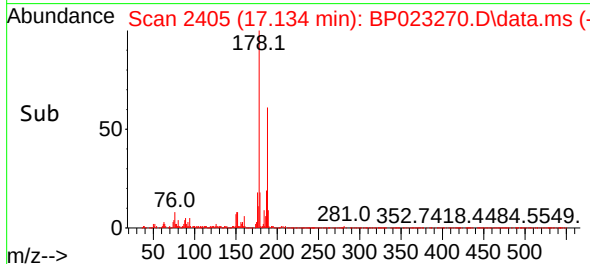
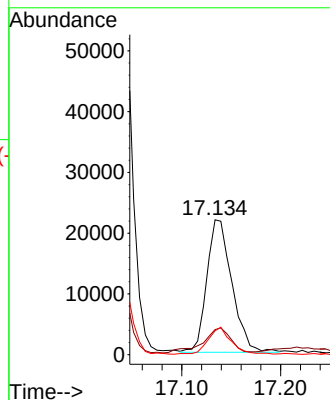
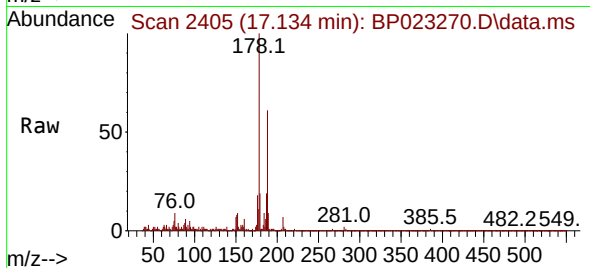
Tgt Ion:178	Resp:	38560
Ion Ratio	Lower	Upper
178	100	
179	18.6	12.4 18.6
176	17.7	14.5 21.7

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#80

Fluoranthene

Concen: 8.717 ng/ul

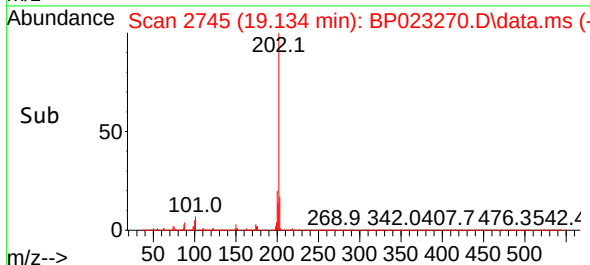
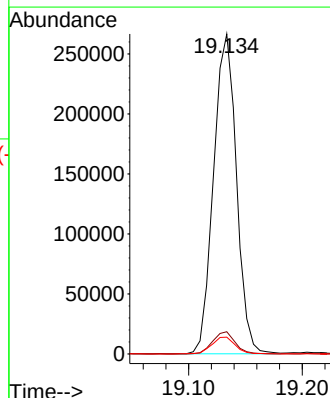
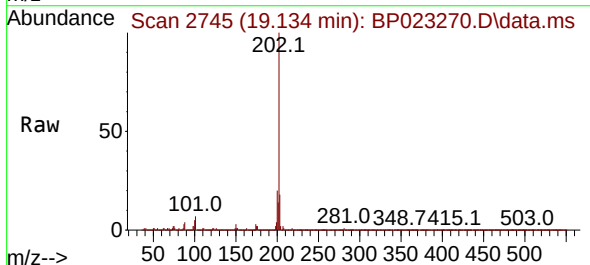
RT: 19.134 min Scan# 2745

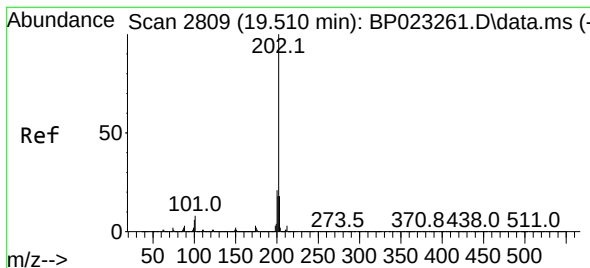
Delta R.T. -0.006 min

Lab File: BP023270.D

Acq: 21 Nov 2024 04:33

Tgt Ion:202	Resp:	373090
Ion Ratio	Lower	Upper
202	100	
101	7.0	5.2 7.8
100	5.2	4.1 6.1





#82

Pyrene

Concen: 6.291 ng/ul

RT: 19.504 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP023270.D

Acq: 21 Nov 2024 04:33

Instrument :

BNA_P

ClientSampleId :

E29Y6

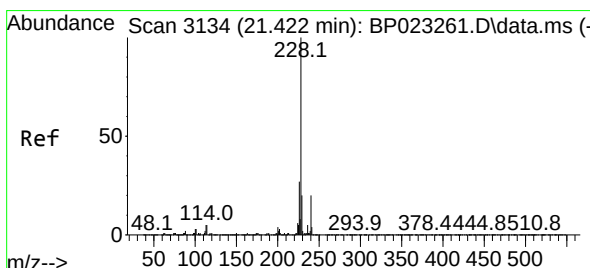
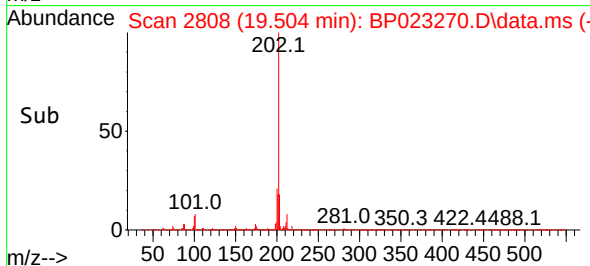
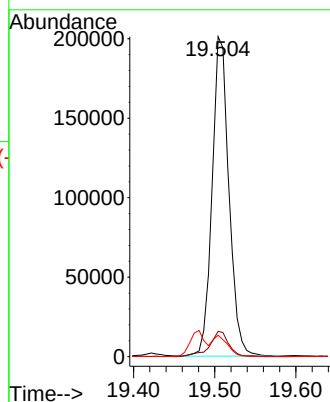
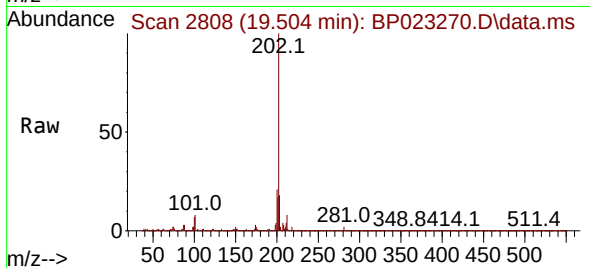
Tgt Ion:202	Resp: 28925
Ion Ratio	Lower Upper
202 100	
101 7.9	6.2 9.2
100 6.7	4.9 7.3

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#85

Benzo(a)anthracene

Concen: 3.643 ng/ul

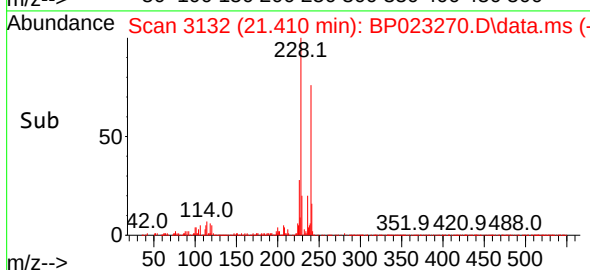
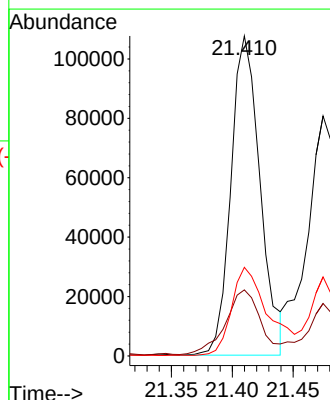
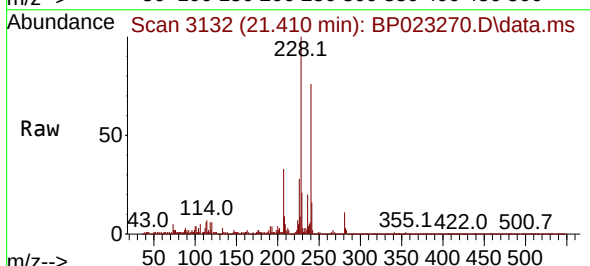
RT: 21.410 min Scan# 3132

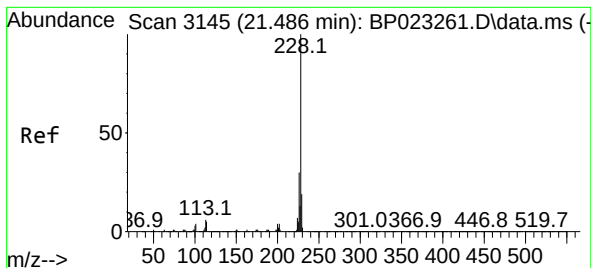
Delta R.T. 0.006 min

Lab File: BP023270.D

Acq: 21 Nov 2024 04:33

Tgt Ion:228	Resp: 179439
Ion Ratio	Lower Upper
228 100	
229 20.7	15.5 23.3
226 27.7	21.9 32.9





#87

Chrysene

Concen: 3.202 ng/ul

RT: 21.475 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP023270.D

Acq: 21 Nov 2024 04:33

Instrument :

BNA_P

ClientSampleId :

E29Y6

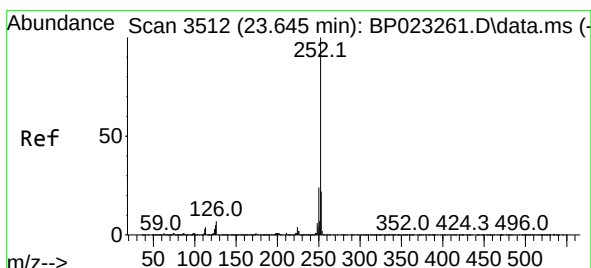
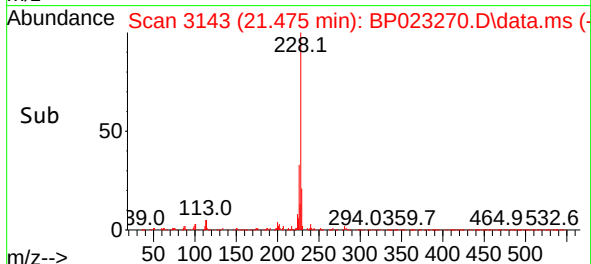
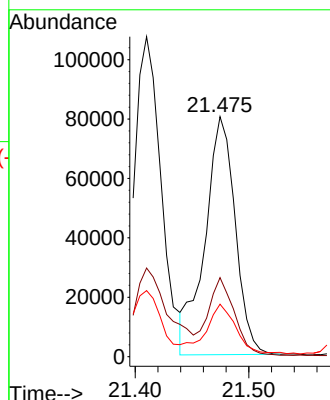
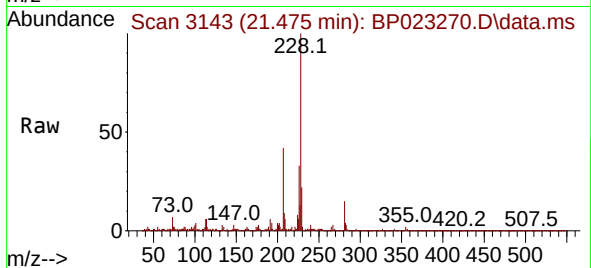
Tgt Ion:228 Resp: 148385
Ion Ratio Lower Upper
228 100
226 32.9 24.2 36.2
229 21.9 16.1 24.1

Manual Integrations

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Supervised By :mohammad ahmed 11/22/2024



#90

Benzo(b)fluoranthene

Concen: 3.802 ng/ul

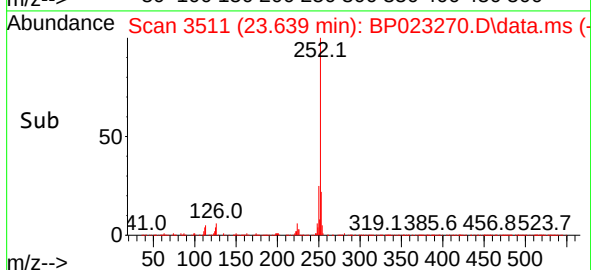
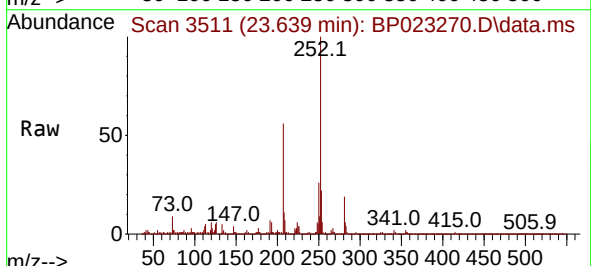
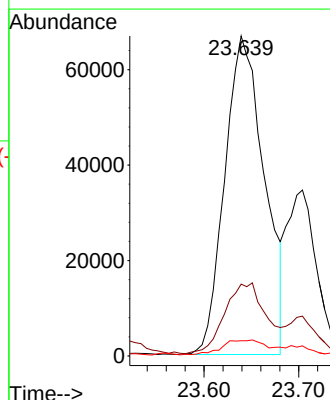
RT: 23.639 min Scan# 3511

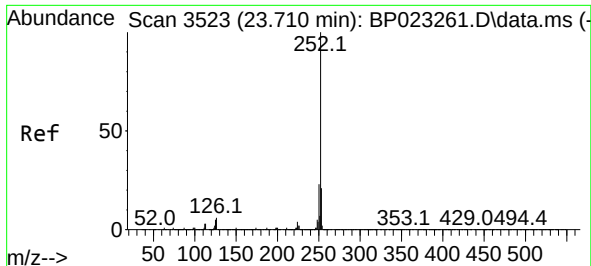
Delta R.T. 0.012 min

Lab File: BP023270.D

Acq: 21 Nov 2024 04:33

Tgt Ion:252 Resp: 194208
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 4.7 3.7 5.5





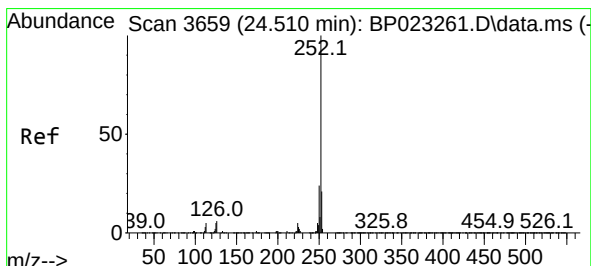
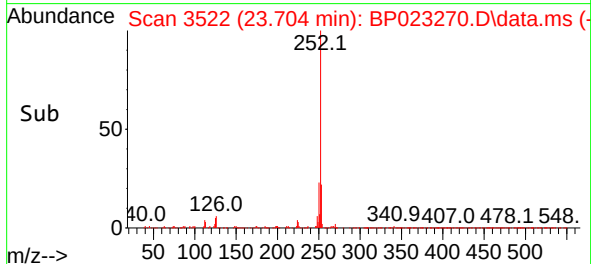
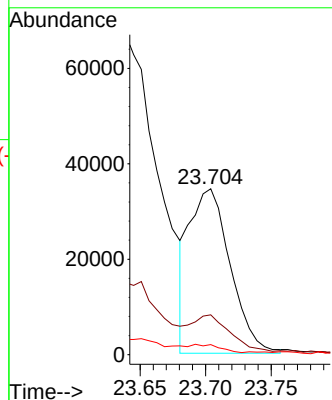
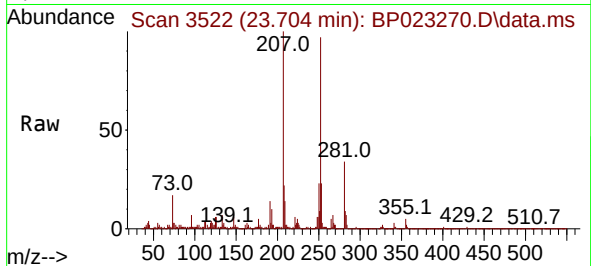
#91
Benzo(k)fluoranthene
Concen: 1.486 ng/ul
RT: 23.704 min Scan# 3523
Delta R.T. 0.018 min
Lab File: BP023270.D
Acq: 21 Nov 2024 04:33

Instrument :
BNA_P
ClientSampleId :
E29Y6

Tgt Ion:252 Resp: 74700
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 6.0 3.0 4.4

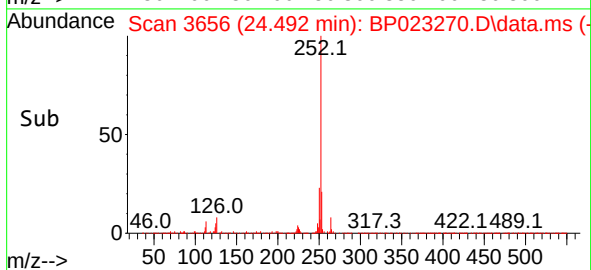
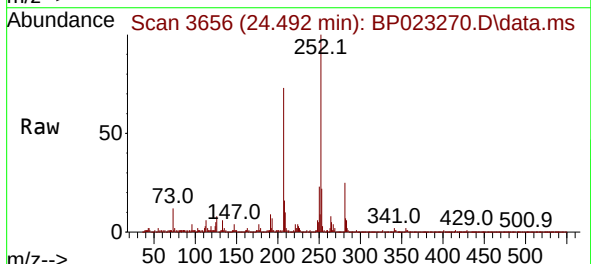
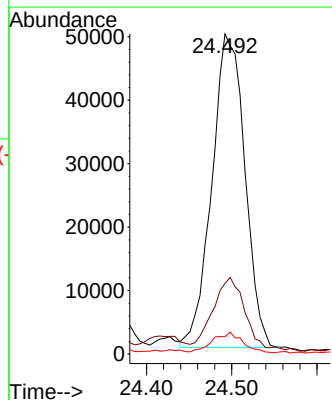
Manual Integrations
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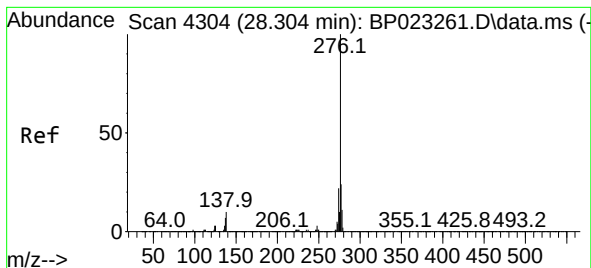
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#93
Benzo(a)pyrene
Concen: 2.878 ng/ul
RT: 24.492 min Scan# 3656
Delta R.T. 0.006 min
Lab File: BP023270.D
Acq: 21 Nov 2024 04:33

Tgt Ion:252 Resp: 132870
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 5.4 4.2 6.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.373 ng/ul m

RT: 28.310 min Scan# 4304

Delta R.T. 0.036 min

Lab File: BP023270.D

Acq: 21 Nov 2024 04:33

Instrument :

BNA_P

ClientSampleId :

E29Y6

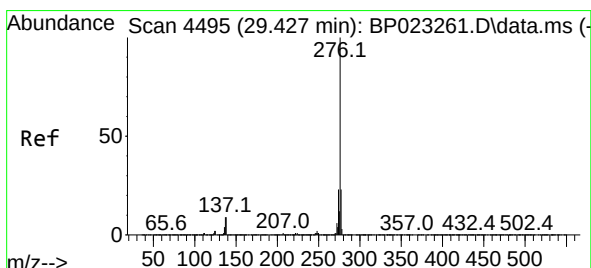
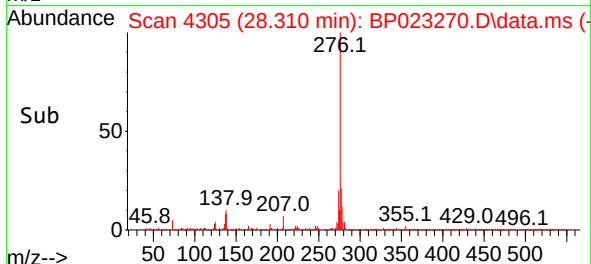
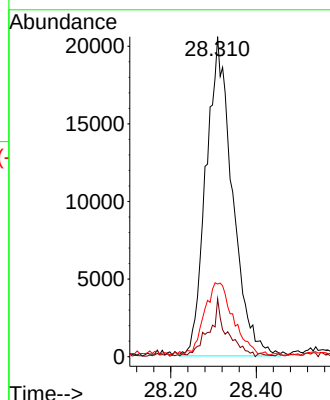
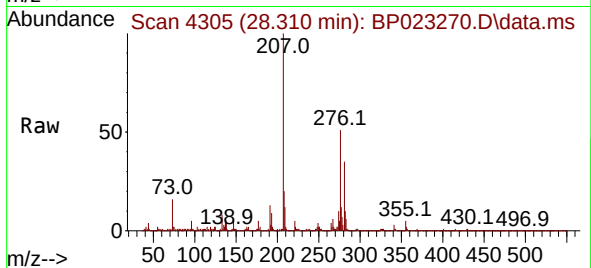
Tgt Ion:	276	Resp:	88328
Ion Ratio	Lower	Upper	
276	100		
138	9.7	7.0	10.4
277	22.7	19.8	29.8

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.536 ng/ul

RT: 29.439 min Scan# 4497

Delta R.T. 0.030 min

Lab File: BP023270.D

Acq: 21 Nov 2024 04:33

Tgt Ion:	276	Resp:	75070
Ion Ratio	Lower	Upper	
276	100		
138	8.7	7.1	10.7
277	24.0	19.4	29.2

