

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
 Data File : BP022251.D
 Acq On : 05 Oct 2024 06:45
 Operator : RC/JU
 Sample : P4083-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EK9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 06 00:10:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 05:25:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	168370	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	643795	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	478582	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1103291	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1118567	20.000	ng/u1	0.00
88) Perylene-d12	24.809	264	1335236	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	5774	1.343	ng/uL	0.00
4) Pyridine-d5	3.652	84	5728	0.466	ng/u1	0.02
7) Phenol-d5	6.875	99	88363	6.416	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	63142	7.445	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	77857	7.813	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	37946	3.477	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	39721	8.243	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	43487	7.960	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	89051	7.505	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	59987	4.237	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	332486	8.987	ng/u1	0.00
49) Acenaphthylene-d8	13.986	160	339489	8.667	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	29245m	4.622	ng/u1	0.02
60) Fluorene-d10	15.316	176	298285	9.115	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.433	200	31215	4.557	ng/u1	0.00
73) Anthracene-d10	17.198	188	464387	9.016	ng/u1	0.00
81) Pyrene-d10	19.569	212	486081	8.388	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.568	264	372640	5.306	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.504	105	42635	2.349	ng/u1	98
72) Phenanthrene	17.139	178	143370	2.478	ng/u1	99
80) Fluoranthene	19.227	202	316313	4.776	ng/u1	99
82) Pyrene	19.598	202	208464	2.924	ng/u1	98
85) Benzo(a)anthracene	21.510	228	169895	2.204	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	42465	1.165	ng/u1	100
87) Chrysene	21.574	228	175287	2.423	ng/u1	99
90) Benzo(b)fluoranthene	23.762	252	231014	2.787	ng/u1#	97
91) Benzo(k)fluoranthene	23.815	252	90242m	1.092	ng/u1	

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

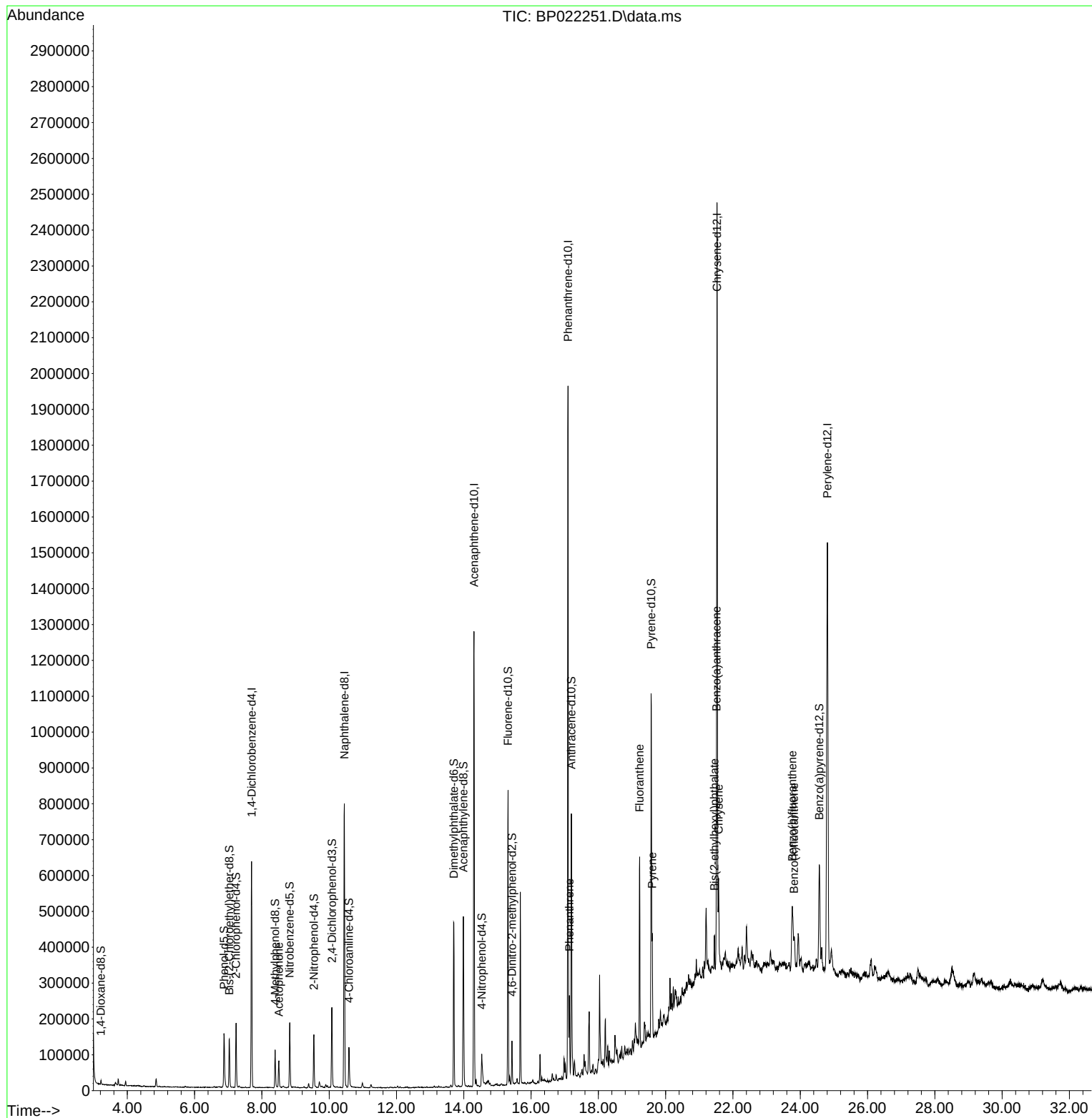
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
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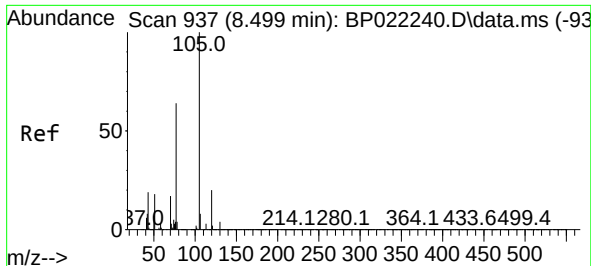
Instrument :
BNA_P
ClientSampleId :
A4EK9

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Quant Title : SVOA CALIBRATION
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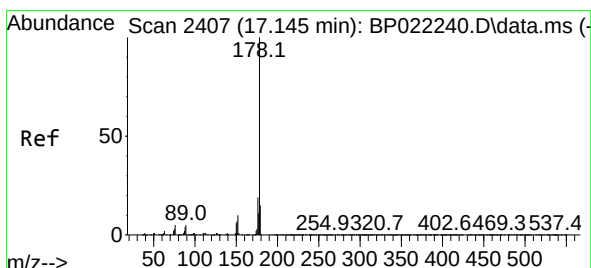
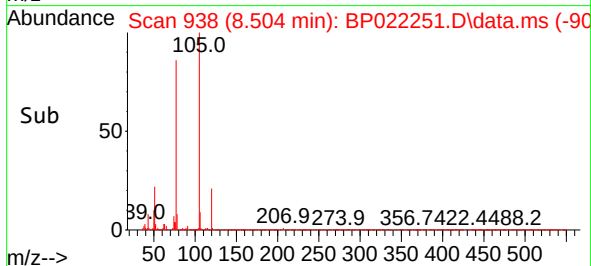
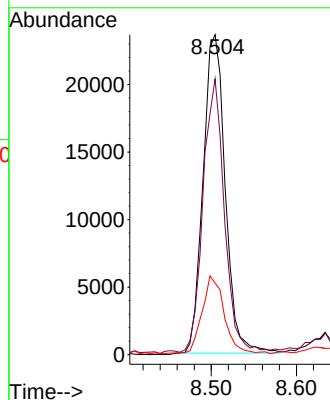
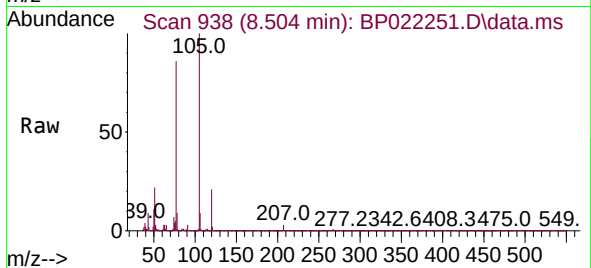
#16
Acetophenone
Concen: 2.349 ng/ul
RT: 8.504 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP022251.D
Acq: 05 Oct 2024 06:45

Instrument :
BNA_P
ClientSampleId :
A4EK9

Tgt Ion:105 Resp: 4263
Ion Ratio Lower Upper
105 100
77 86.2 67.9 101.9
51 22.4 19.8 29.6

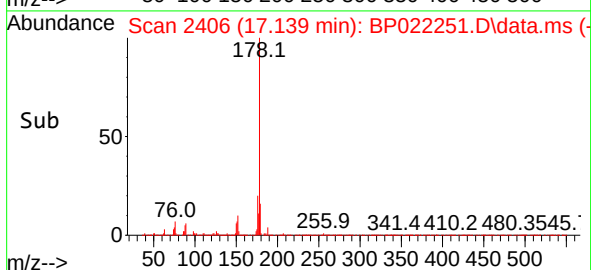
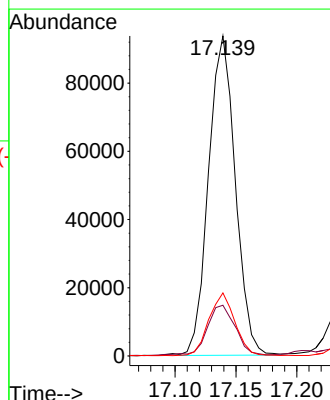
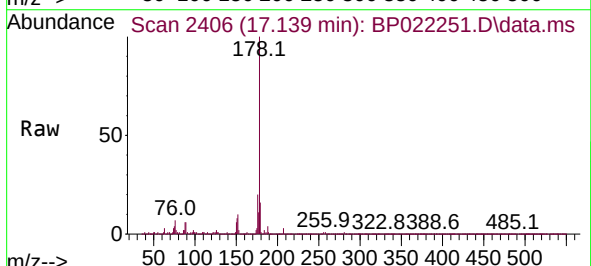
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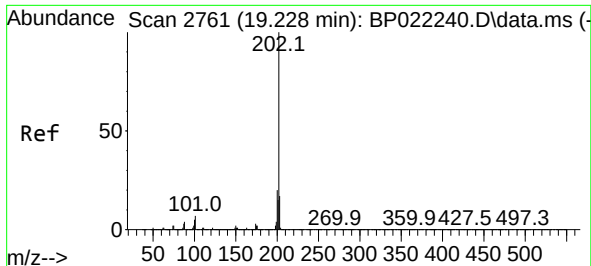
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#72
Phenanthrene
Concen: 2.478 ng/ul
RT: 17.139 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BP022251.D
Acq: 05 Oct 2024 06:45

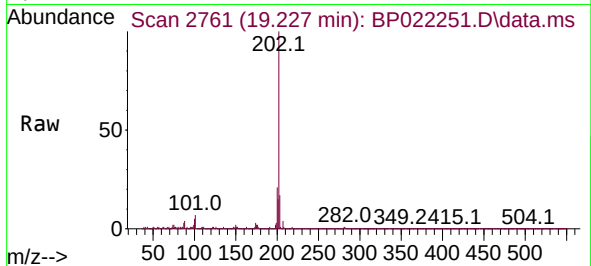
Tgt Ion:178 Resp: 143370
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.7 15.0 22.6





#80
Fluoranthene
Concen: 4.776 ng/ul
RT: 19.227 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022251.D
Acq: 05 Oct 2024 06:45

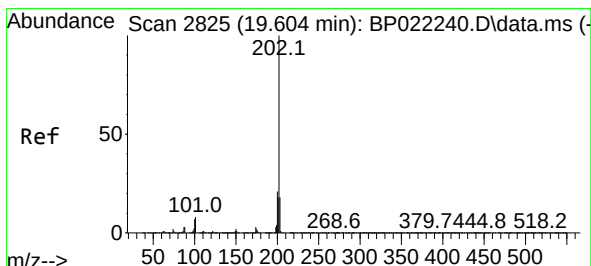
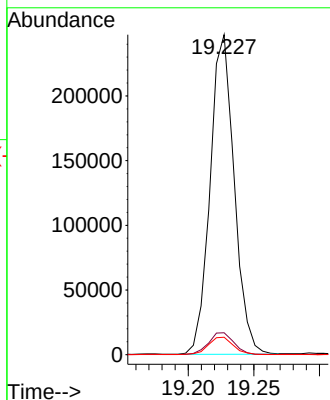
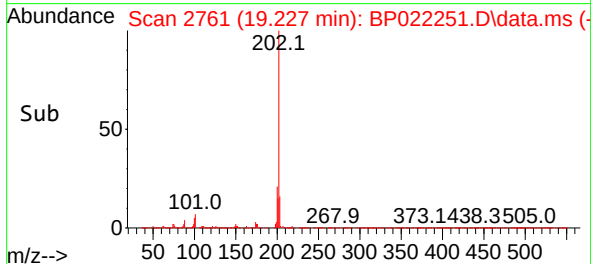
Instrument :
BNA_P
ClientSampleId :
A4EK9



Tgt Ion:202 Resp: 31631
Ion Ratio Lower Upper
202 100
101 6.8 5.8 8.6
100 5.4 4.6 7.0

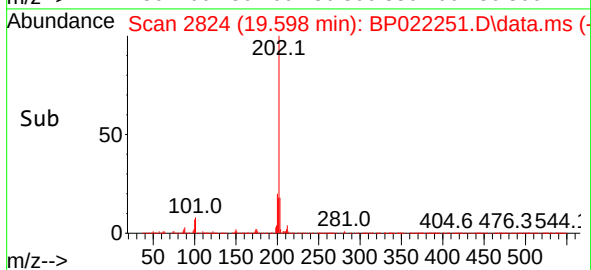
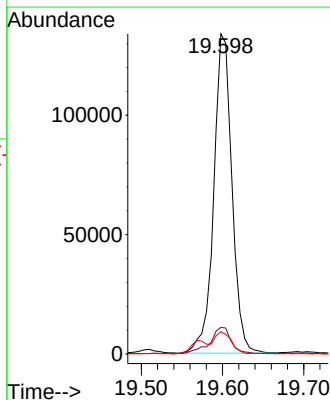
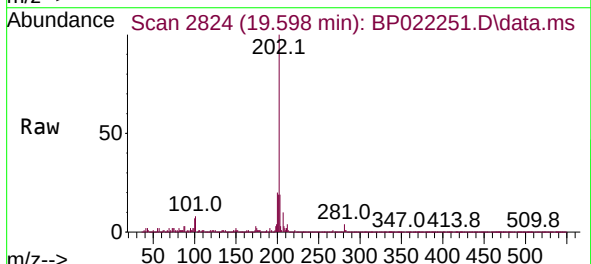
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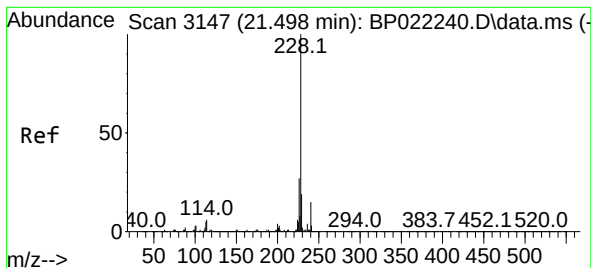
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#82
Pyrene
Concen: 2.924 ng/ul
RT: 19.598 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP022251.D
Acq: 05 Oct 2024 06:45

Tgt Ion:202 Resp: 208464
Ion Ratio Lower Upper
202 100
101 8.3 7.4 11.0
100 7.0 6.2 9.2





#85

Benzo(a)anthracene

Concen: 2.204 ng/ul

RT: 21.510 min Scan# 3149

Delta R.T. -0.000 min

Lab File: BP022251.D

Acq: 05 Oct 2024 06:45

Instrument :

BNA_P

ClientSampleId :

A4EK9

Tgt Ion:228 Resp: 16989

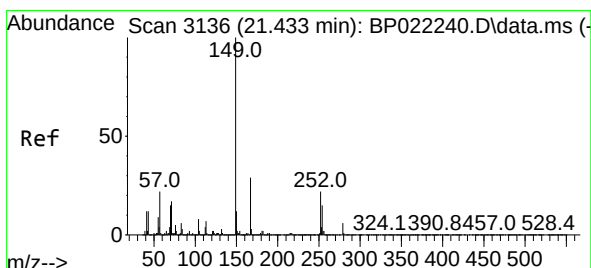
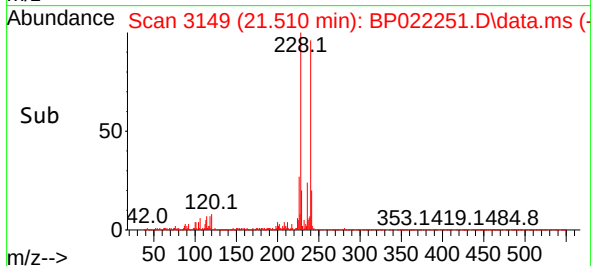
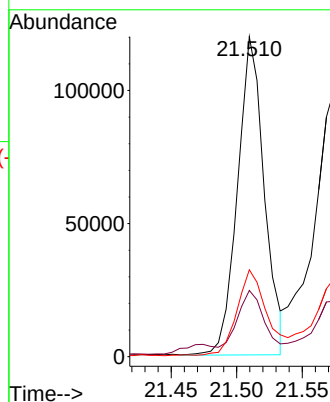
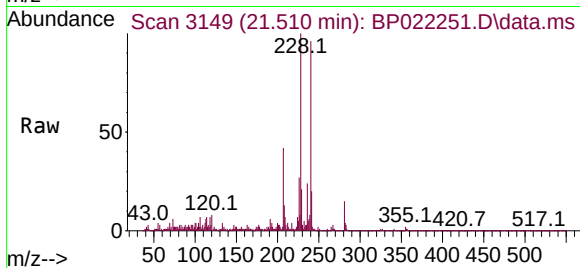
Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.1	21.4	32.2

Manual Integrations

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Supervised By :mohammad ahmed 10/06/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.165 ng/ul

RT: 21.451 min Scan# 3139

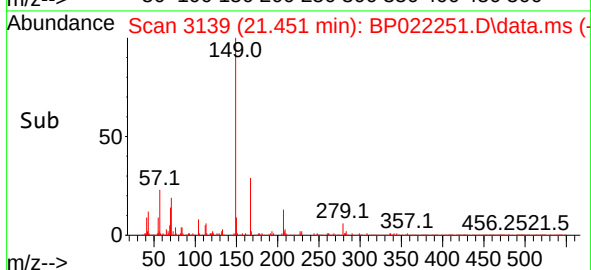
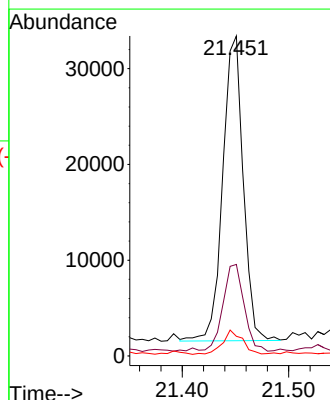
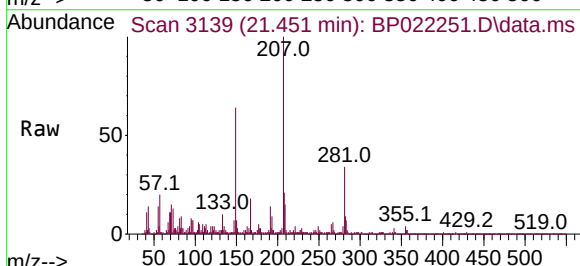
Delta R.T. 0.006 min

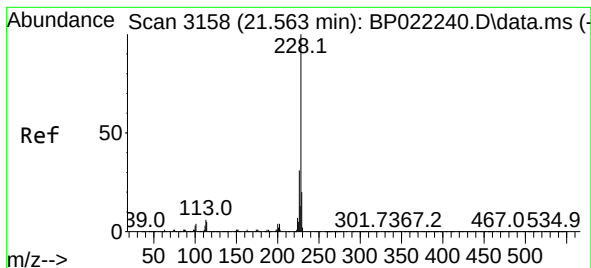
Lab File: BP022251.D

Acq: 05 Oct 2024 06:45

Tgt Ion:149 Resp: 42465

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.4
279	6.2	4.5	6.7





#87

Chrysene

Concen: 2.423 ng/ul

RT: 21.574 min Scan# 3158

Delta R.T. -0.000 min

Lab File: BP022251.D

Acq: 05 Oct 2024 06:45

Instrument :

BNA_P

ClientSampleId :

A4EK9

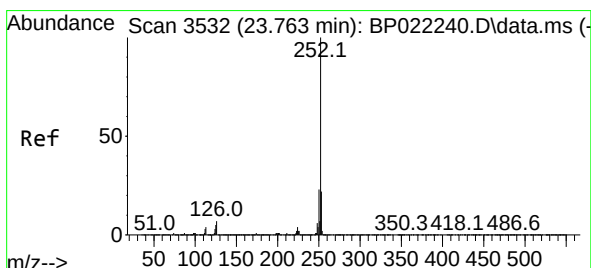
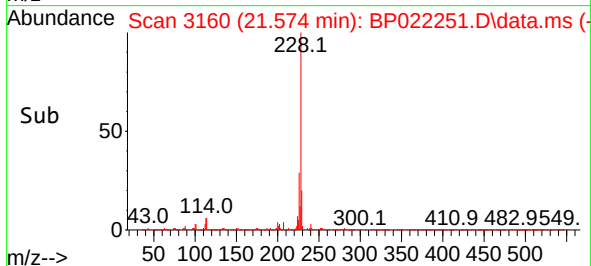
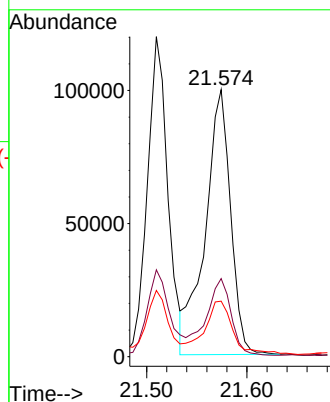
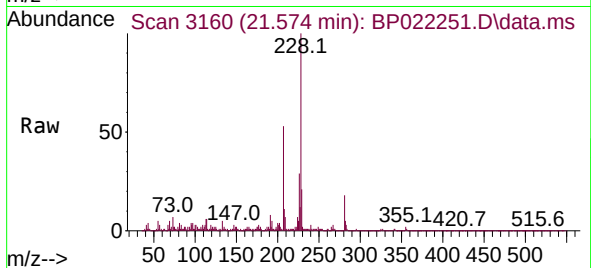
Tgt Ion:	228	Resp:	17528
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.6	35.4
229	20.8	15.7	23.5

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#90

Benzo(b)fluoranthene

Concen: 2.787 ng/ul

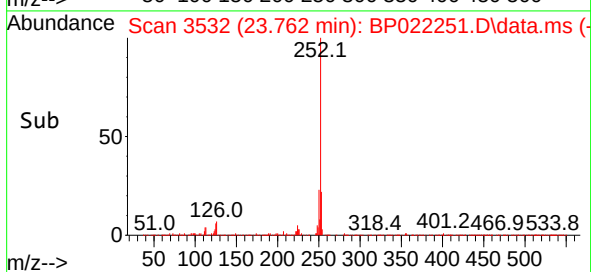
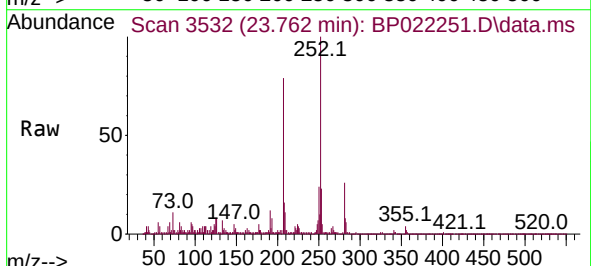
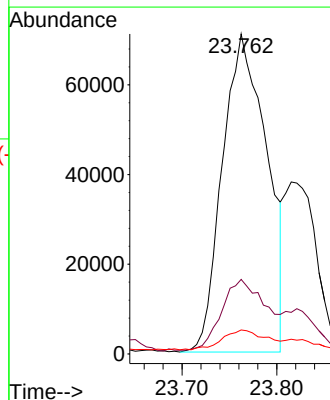
RT: 23.762 min Scan# 3532

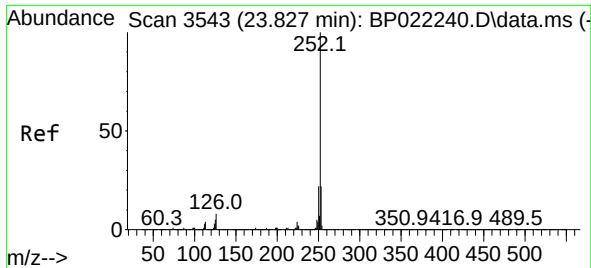
Delta R.T. 0.006 min

Lab File: BP022251.D

Acq: 05 Oct 2024 06:45

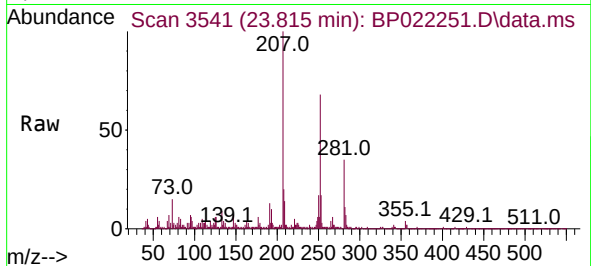
Tgt Ion:	252	Resp:	231014
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	7.5	4.8	7.2





#91
Benzo(k)fluoranthene
Concen: 1.092 ng/ul m
RT: 23.815 min Scan# 3541
Delta R.T. -0.018 min
Lab File: BP022251.D
Acq: 05 Oct 2024 06:45

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:252 Resp: 9024
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 8.6 5.0 7.6

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