

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101724\
 Data File : BP022450.D
 Acq On : 17 Oct 2024 18:42
 Operator : RC/JU
 Sample : P4264-02MEDL2 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN6MEDL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024

Quant Time: Oct 18 03:17:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 05:42:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	89014	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	303511	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	226040	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.092	188	537317	20.000	ng/u1	0.02
79) Chrysene-d12	21.510	240	667004	20.000	ng/u1	# 0.00
88) Perylene-d12	24.780	264	821861	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	741	0.323	ng/uL	0.00
4) Pyridine-d5	3.623	84	5845	0.929	ng/u1	0.01
7) Phenol-d5	6.858	99	9708	1.296	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	6631	1.506	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	7685	1.445	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	7660m	1.281	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	3854	1.651	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	4195	1.553	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	8546m	1.488	ng/u1	0.01
31) 4-Chloroaniline-d4	10.575	131	10969m	1.617	ng/u1	0.02
46) Dimethylphthalate-d6	13.693	166	30803	1.715	ng/u1	0.01
49) Acenaphthylene-d8	13.975	160	30184	1.582	ng/u1	0.01
54) 4-Nitrophenol-d4	14.540	143	2875m	0.954	ng/u1	0.04
60) Fluorene-d10	15.287	176	26392	1.694	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	3061	0.866	ng/u1	0.02
73) Anthracene-d10	17.192	188	43554	1.723	ng/u1	0.00
81) Pyrene-d10	19.557	212	56415	1.599	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.545	264	73397	1.672	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.475	128	727158	44.981	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	153175	12.908	ng/u1	95
37) 1-Methylnaphthalene	12.304	142	71510	5.904	ng/u1	98
52) Acenaphthene	14.351	153	114539	8.182	ng/u1	98
61) Fluorene	15.357	166	136278	7.954	ng/u1	99
72) Phenanthrene	17.139	178	943857	32.833	ng/u1	99
74) Anthracene	17.222	178	80532	2.807	ng/u1	98
80) Fluoranthene	19.216	202	571357	14.090	ng/u1	97
82) Pyrene	19.592	202	373684	8.598	ng/u1	97
85) Benzo(a)anthracene	21.492	228	111915	2.393	ng/u1	96
87) Chrysene	21.557	228	91726	2.116	ng/u1	97
90) Benzo(b)fluoranthene	23.745	252	65899m	1.274	ng/u1	

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

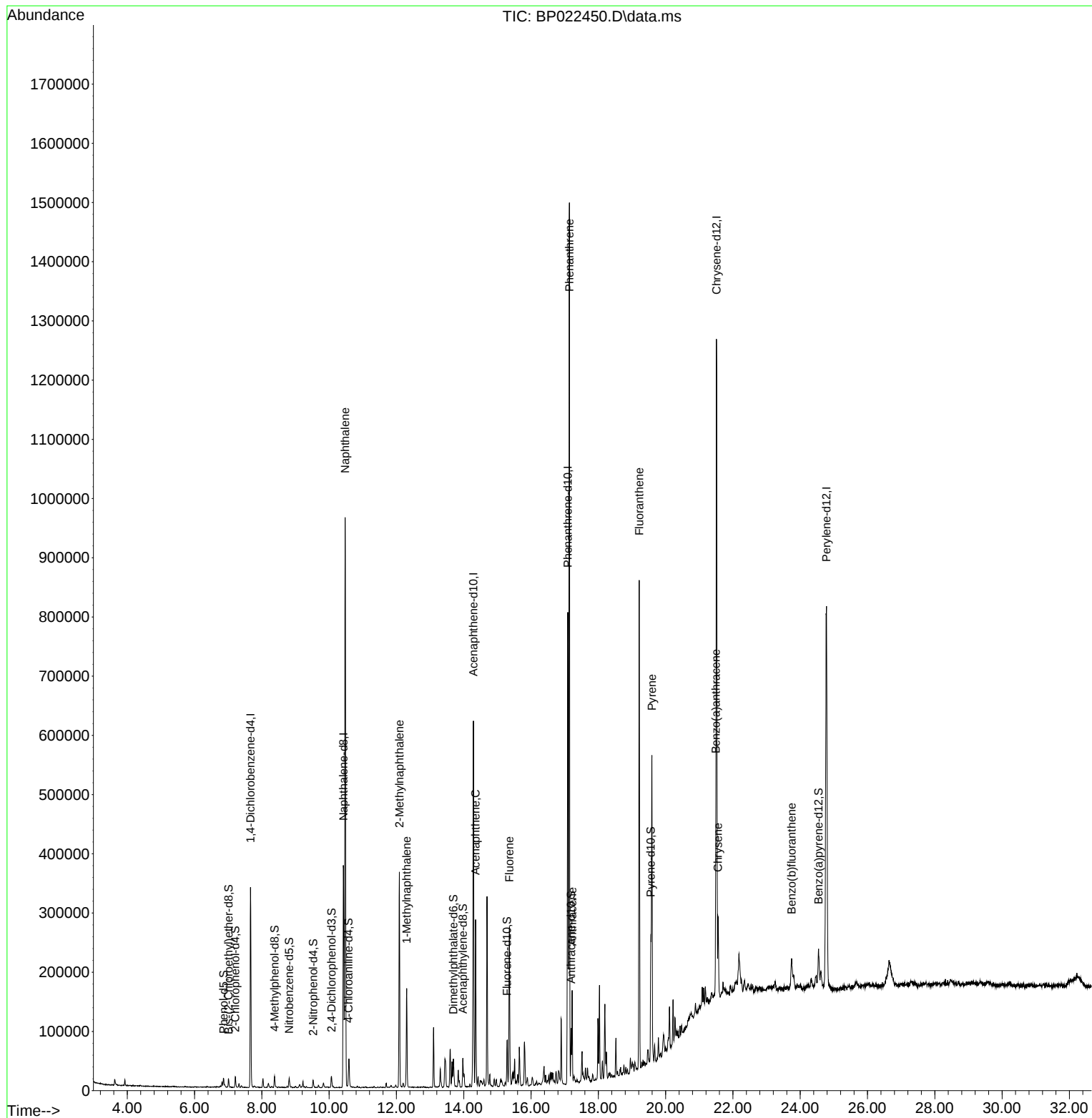
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101724\
Data File : BP022450.D
Acq On : 17 Oct 2024 18:42
Operator : RC/JU
Sample : P4264-02MEDL2 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

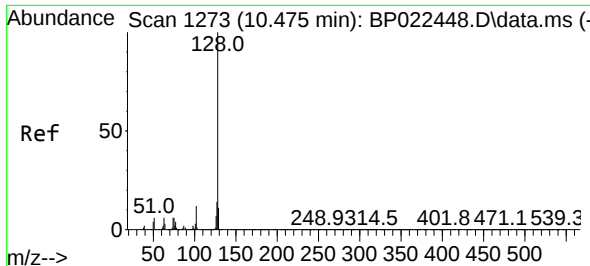
Instrument :
BNA_P
ClientSampleId :
DCYN6MEDL2

Quant Time: Oct 18 03:17:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 05:42:26 2024
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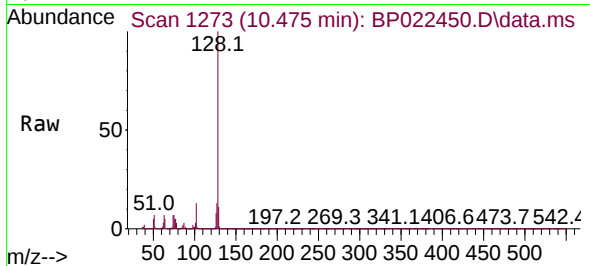
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024





#30
Naphthalene
Concen: 44.981 ng/ul
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP022450.D
Acq: 17 Oct 2024 18:42

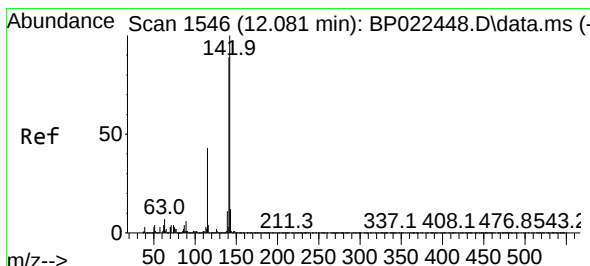
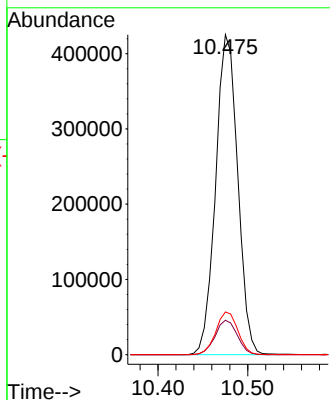
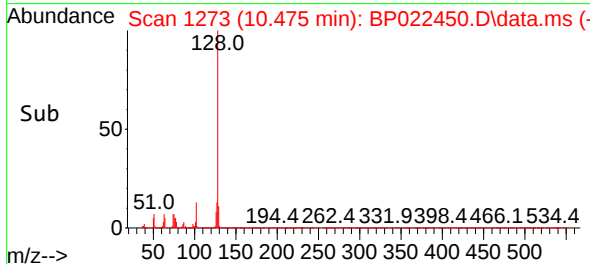
Instrument :
BNA_P
ClientSampleId :
DCYN6MEDL2



Tgt Ion:128 Resp: 727158
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.3 9.9 14.9

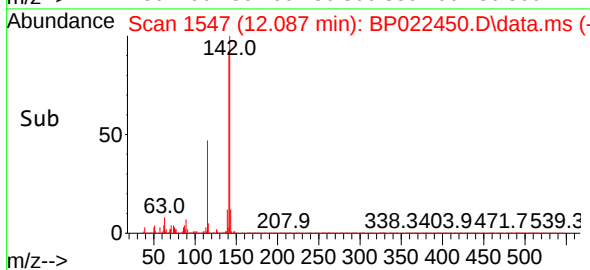
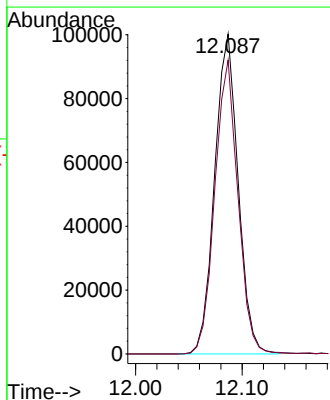
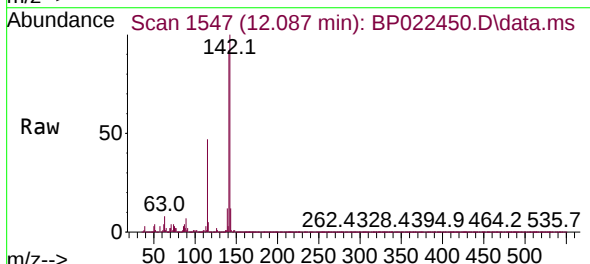
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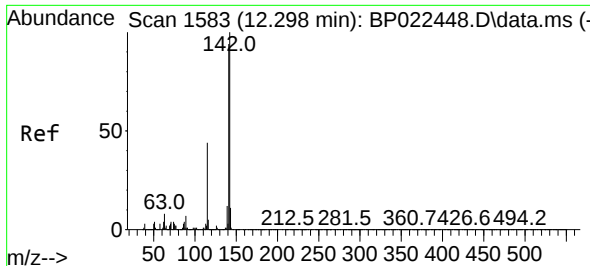
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



#36
2-Methylnaphthalene
Concen: 12.908 ng/ul
RT: 12.087 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BP022450.D
Acq: 17 Oct 2024 18:42

Tgt Ion:142 Resp: 153175
Ion Ratio Lower Upper
142 100
141 91.9 69.8 104.6





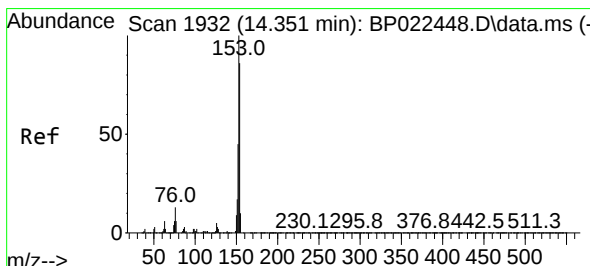
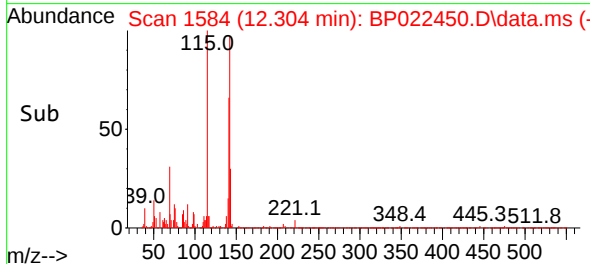
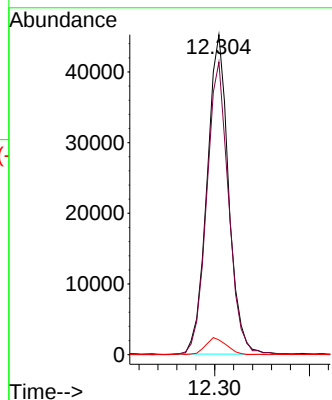
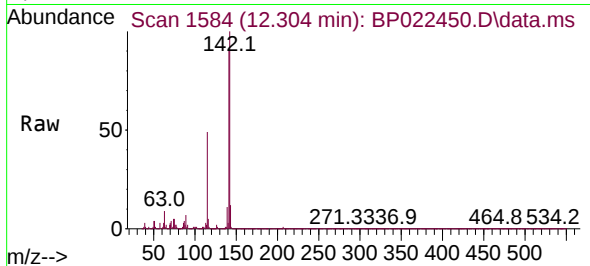
#37
1-Methylnaphthalene
Concen: 5.904 ng/ul
RT: 12.304 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP022450.D
Acq: 17 Oct 2024 18:42

Instrument :
BNA_P
ClientSampleId :
DCYN6MEDL2

Tgt Ion:142 Resp: 71510
Ion Ratio Lower Upper
142 100
141 91.4 74.8 112.2
116 4.6 4.1 6.1

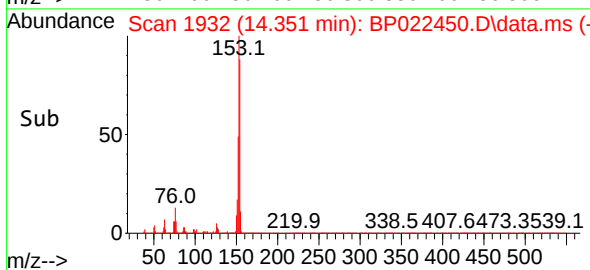
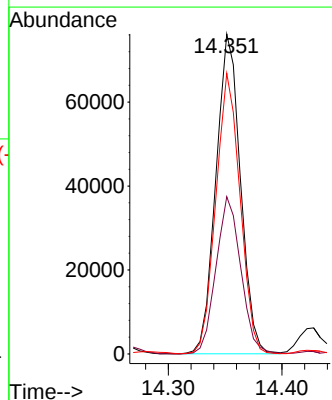
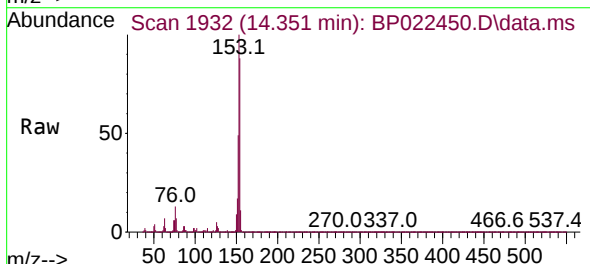
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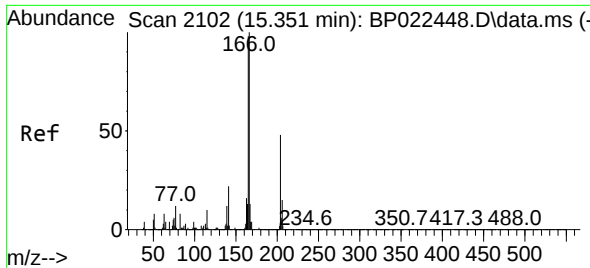
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



#52
Acenaphthene
Concen: 8.182 ng/ul
RT: 14.351 min Scan# 1932
Delta R.T. 0.012 min
Lab File: BP022450.D
Acq: 17 Oct 2024 18:42

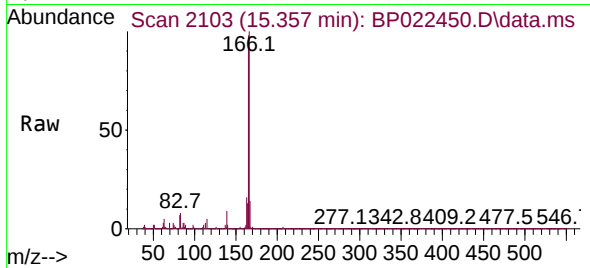
Tgt Ion:153 Resp: 114539
Ion Ratio Lower Upper
153 100
152 49.1 37.8 56.6
154 87.7 69.5 104.3





#61
Fluorene
Concen: 7.954 ng/ul
RT: 15.357 min Scan# 2102
Delta R.T. 0.018 min
Lab File: BP022450.D
Acq: 17 Oct 2024 18:42

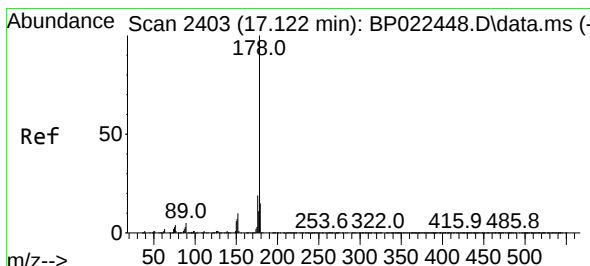
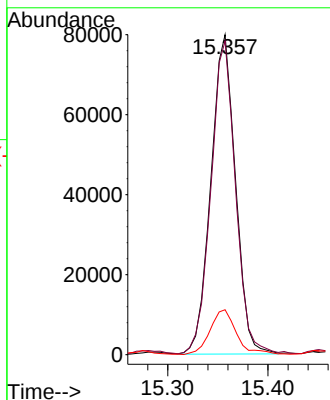
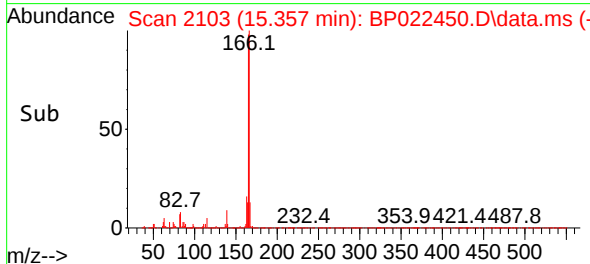
Instrument :
BNA_P
ClientSampleId :
DCYN6MEDL2



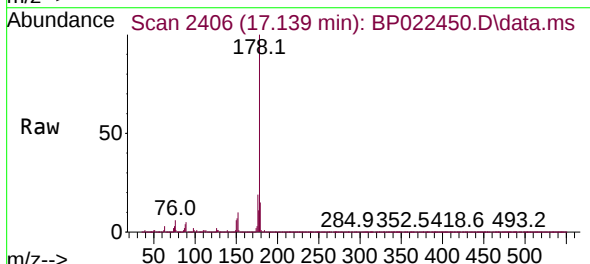
Tgt Ion:166 Resp: 136278
Ion Ratio Lower Upper
166 100
165 98.0 77.8 116.6
167 14.0 11.1 16.7

Manual Integrations
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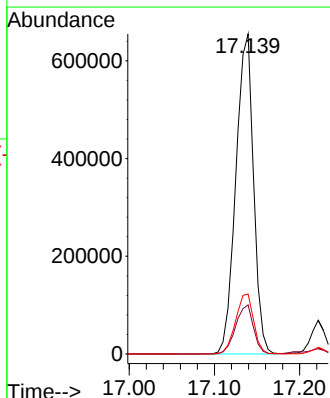
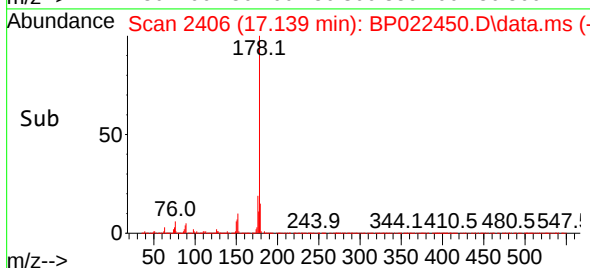
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024

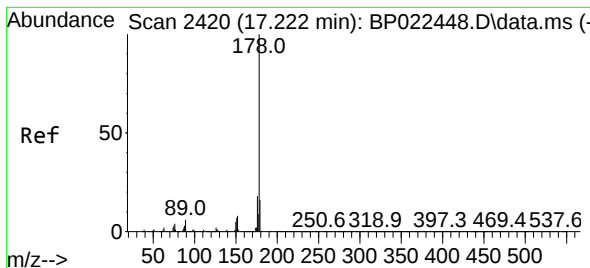


#72
Phenanthrene
Concen: 32.833 ng/ul
RT: 17.139 min Scan# 2406
Delta R.T. 0.018 min
Lab File: BP022450.D
Acq: 17 Oct 2024 18:42



Tgt Ion:178 Resp: 943857
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 18.7 15.7 23.5





#74

Anthracene

Concen: 2.807 ng/ul

RT: 17.222 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BP022450.D

Acq: 17 Oct 2024 18:42

Instrument :

BNP_P

ClientSampleId :

DCYN6MEDL2

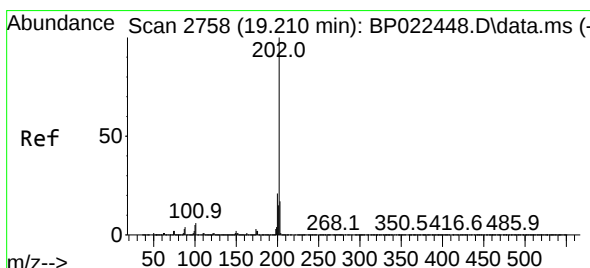
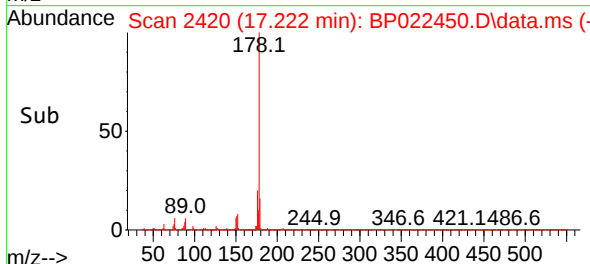
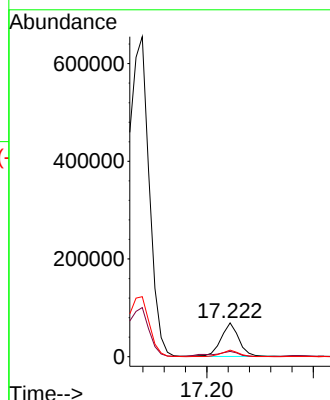
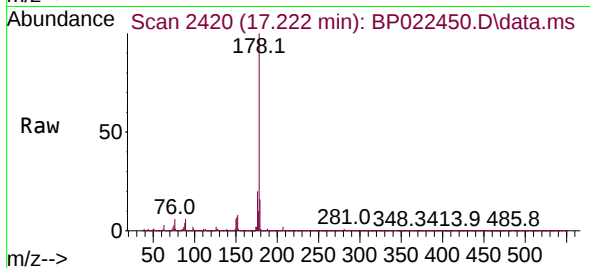
Tgt Ion:178	Resp:	80532
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.0 18.0
176	19.6	15.0 22.4

Manual Integrations

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Supervised By :mohammad ahmed 10/18/2024



#80

Fluoranthene

Concen: 14.090 ng/ul

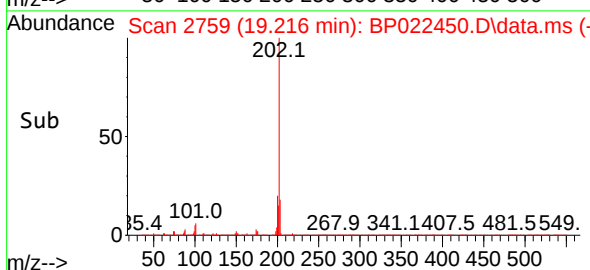
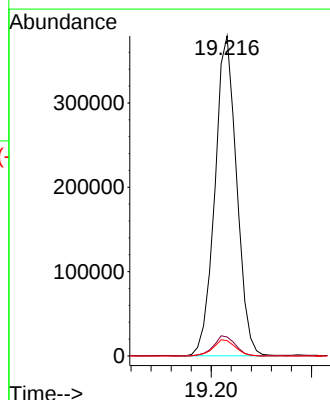
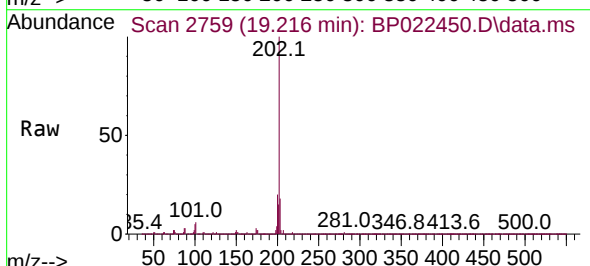
RT: 19.216 min Scan# 2759

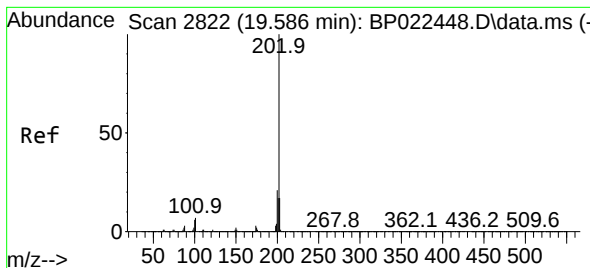
Delta R.T. 0.006 min

Lab File: BP022450.D

Acq: 17 Oct 2024 18:42

Tgt Ion:202	Resp:	571357
Ion Ratio	Lower	Upper
202	100	
101	6.0	5.8 8.8
100	4.8	4.5 6.7





#82

Pyrene

Concen: 8.598 ng/ul

RT: 19.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022450.D

Acq: 17 Oct 2024 18:42

Instrument :

BNA_P

ClientSampleId :

DCYN6MEDL2

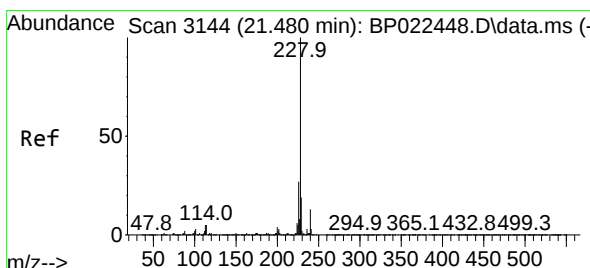
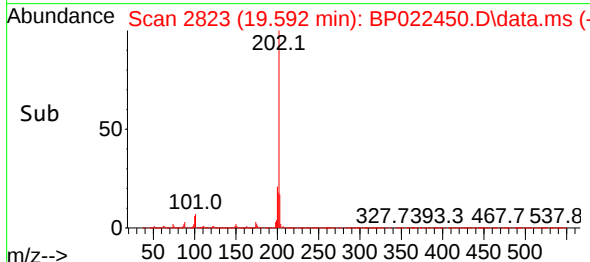
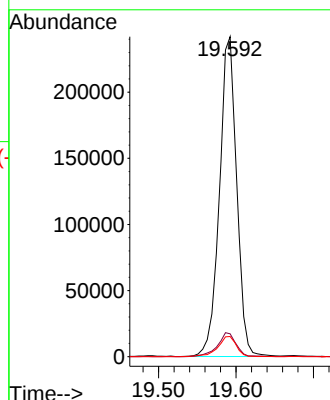
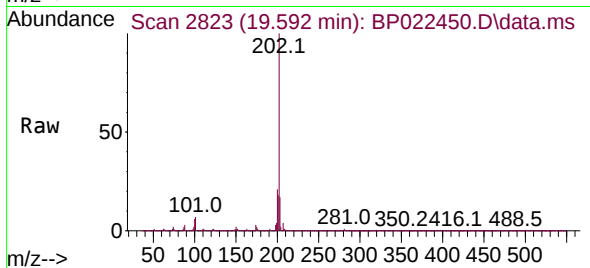
Tgt Ion:202 Resp: 373684
 Ion Ratio Lower Upper
 202 100
 101 7.2 6.7 10.1
 100 6.3 5.8 8.6

Manual Integrations

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Supervised By :mohammad ahmed 10/18/2024



#85

Benzo(a)anthracene

Concen: 2.393 ng/ul

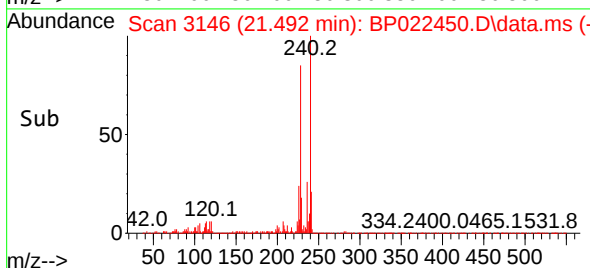
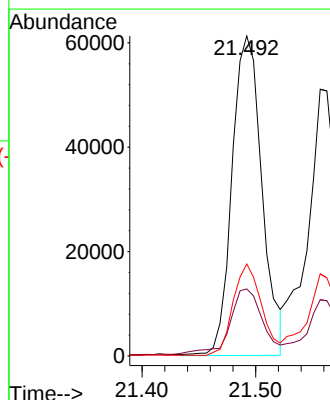
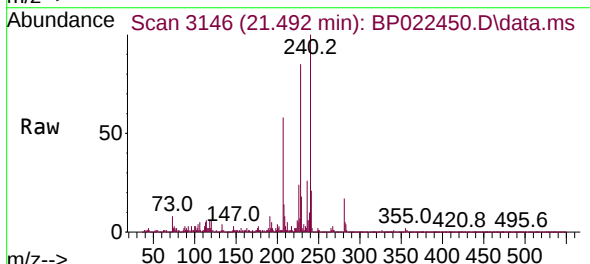
RT: 21.492 min Scan# 3146

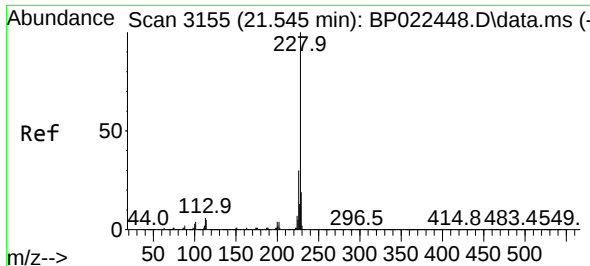
Delta R.T. -0.006 min

Lab File: BP022450.D

Acq: 17 Oct 2024 18:42

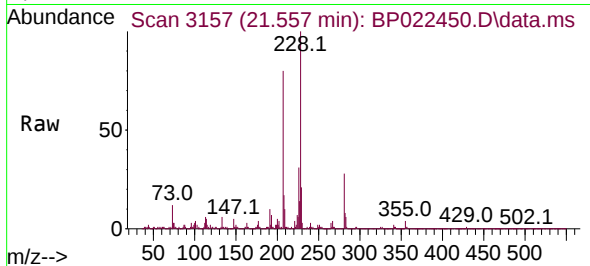
Tgt Ion:228 Resp: 111915
 Ion Ratio Lower Upper
 228 100
 229 20.9 15.4 23.0
 226 28.8 21.5 32.3





#87
Chrysene
Concen: 2.116 ng/ul
RT: 21.557 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BP022450.D
Acq: 17 Oct 2024 18:42

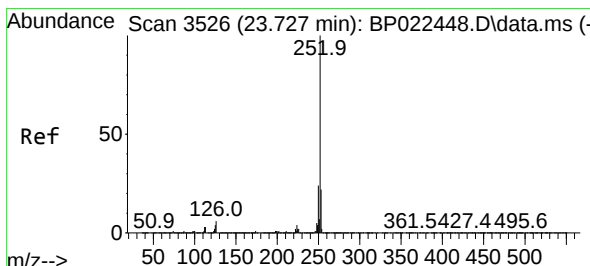
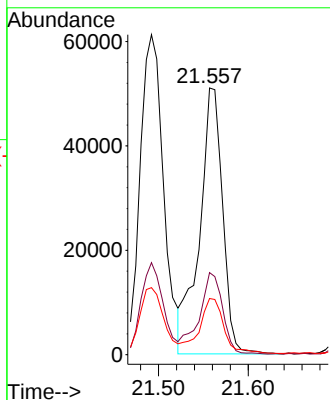
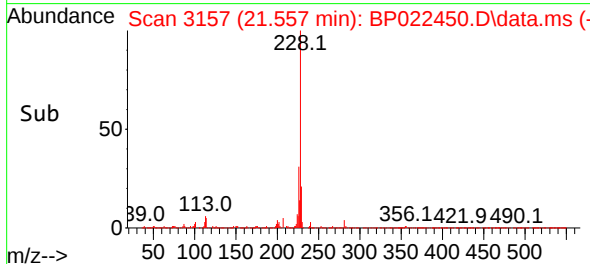
Instrument :
BNA_P
ClientSampleId :
DCYN6MEDL2



Tgt Ion:228 Resp: 91720
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.8
229 21.0 15.5 23.3

Manual Integrations
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Supervised By :mohammad ahmed 10/18/2024



#90
Benzo(b)fluoranthene
Concen: 1.274 ng/ul m
RT: 23.745 min Scan# 3529
Delta R.T. 0.000 min
Lab File: BP022450.D
Acq: 17 Oct 2024 18:42

Tgt Ion:252 Resp: 65899
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 4.6 5.0 7.4#

