

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022389.D
 Acq On : 15 Oct 2024 14:55
 Operator : RC/JU
 Sample : P4264-01DL2 20X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN5DL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 16 01:46:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	74935	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	282190	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	225870	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	586439	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	744172	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	892464	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	449	0.233	ng/uL	0.00
4) Pyridine-d5	3.652	84	6474m	1.223	ng/u1	0.02
7) Phenol-d5	6.887	99	7198	1.141	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	4817m	1.299	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	5737	1.282	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	5574	1.107	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	2769m	1.276	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	3206	1.276	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	6806m	1.275	ng/u1	0.01
31) 4-Chloroaniline-d4	10.604	131	7498	1.189	ng/u1	0.02
46) Dimethylphthalate-d6	13.710	166	23691	1.320	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	24847	1.304	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	1998m	0.664	ng/u1	0.02
60) Fluorene-d10	15.322	176	22358	1.436	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	1959m	0.508	ng/u1	0.00
73) Anthracene-d10	17.204	188	38259	1.387	ng/u1	0.00
81) Pyrene-d10	19.592	212	54732	1.391	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	67605	1.418	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.504	128	663745	44.161	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	131165	11.888	ng/u1	100
37) 1-Methylnaphthalene	12.328	142	61647	5.474	ng/u1	97
52) Acenaphthene	14.375	153	137757	9.848	ng/u1	99
61) Fluorene	15.375	166	151888	8.872	ng/u1	96
71) Pentachlorophenol	16.763	266	8417	1.504	ng/u1	96
72) Phenanthrene	17.145	178	858081	27.349	ng/u1	99
74) Anthracene	17.239	178	90390	2.887	ng/u1	99
80) Fluoranthene	19.251	202	523720	11.576	ng/u1	98
82) Pyrene	19.622	202	351533	7.250	ng/u1	97
85) Benzo(a)anthracene	21.527	228	100134	1.919	ng/u1	98
87) Chrysene	21.586	228	84023	1.737	ng/u1	97

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

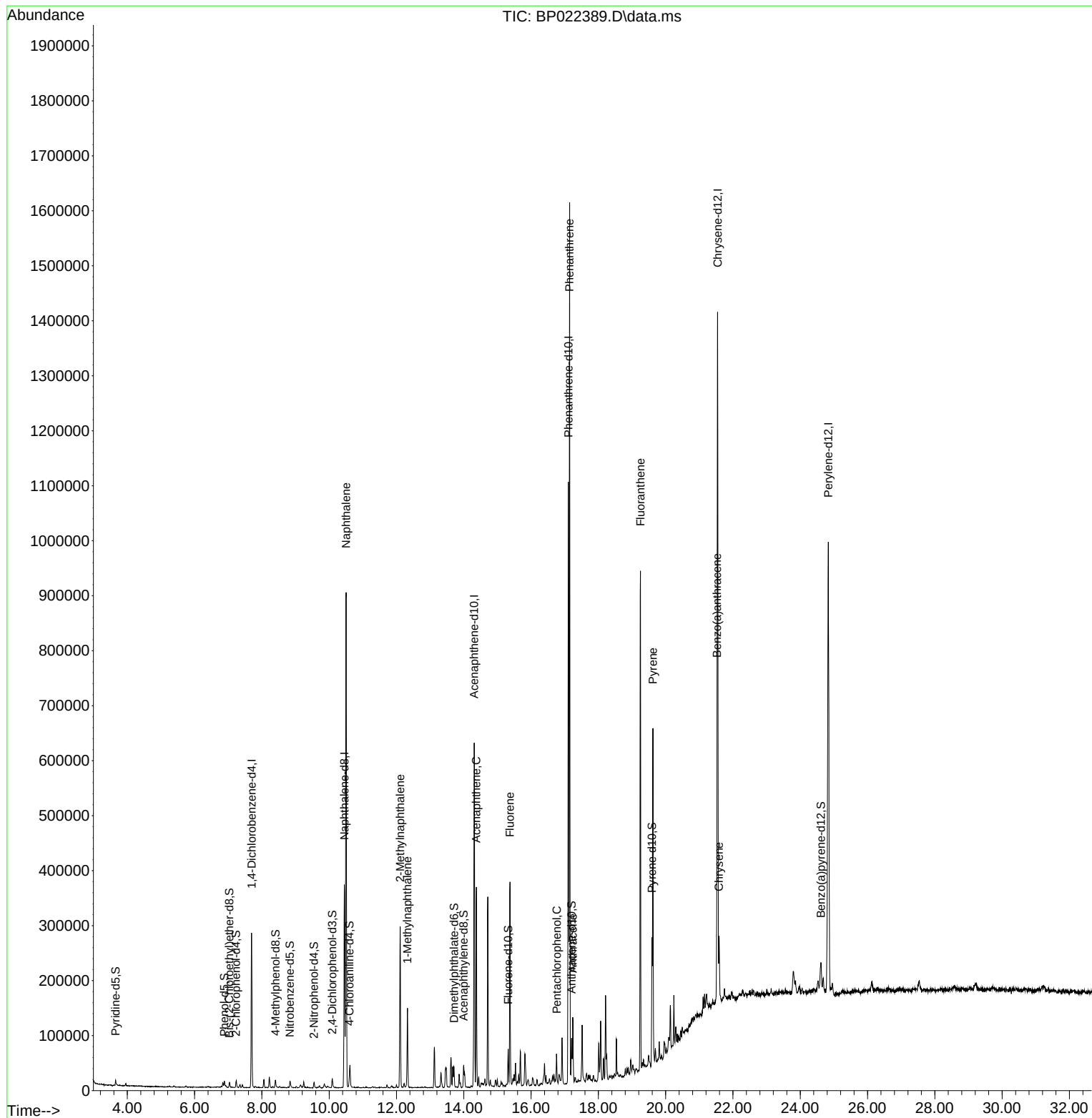
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
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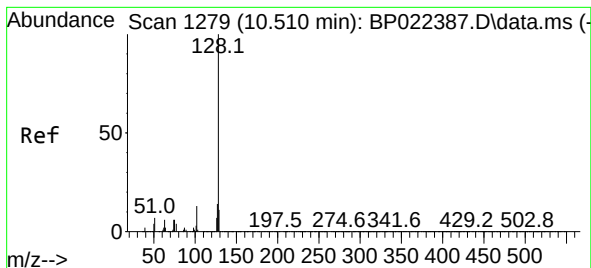
Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Quant Time: Oct 16 01:46:05 2024
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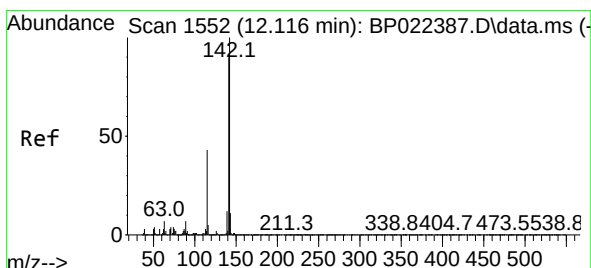
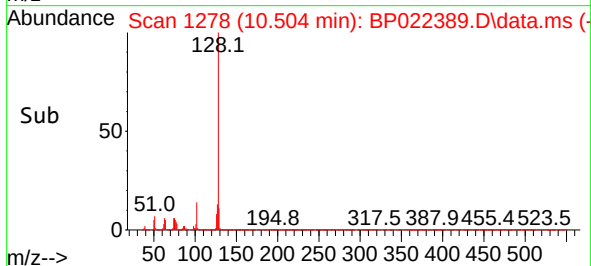
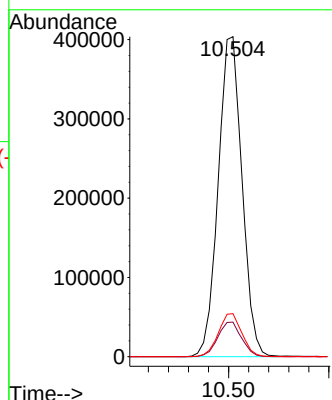
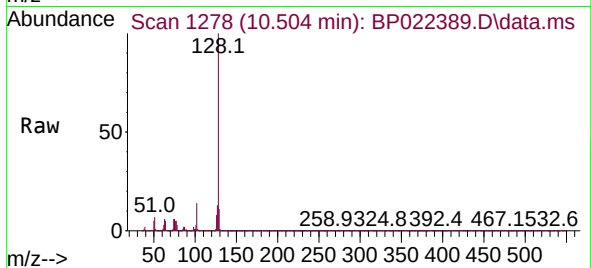
#30
Naphthalene
Concen: 44.161 ng/ul
RT: 10.504 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BP022389.D
Acq: 15 Oct 2024 14:55

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Tgt Ion:128 Resp: 66374
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.4 9.9 14.9

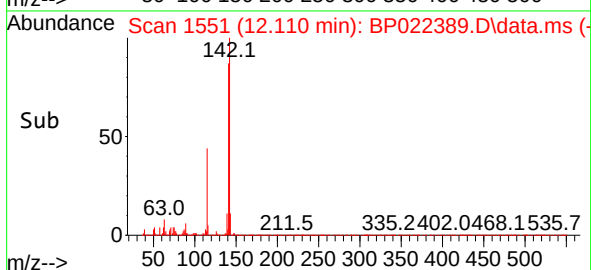
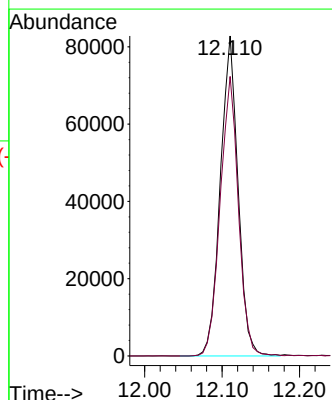
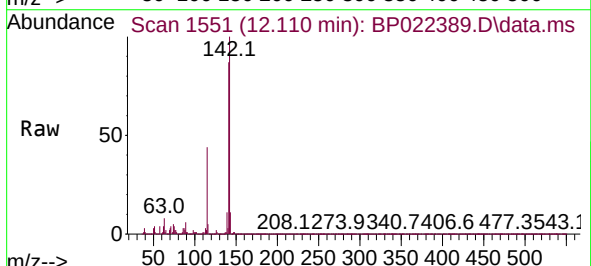
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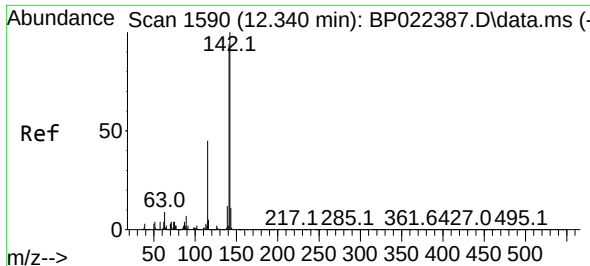
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#36
2-Methylnaphthalene
Concen: 11.888 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BP022389.D
Acq: 15 Oct 2024 14:55

Tgt Ion:142 Resp: 131165
Ion Ratio Lower Upper
142 100
141 87.4 69.8 104.6





#37
1-Methylnaphthalene
Concen: 5.474 ng/ul
RT: 12.328 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BP022389.D
Acq: 15 Oct 2024 14:55

Instrument :

BNA_P

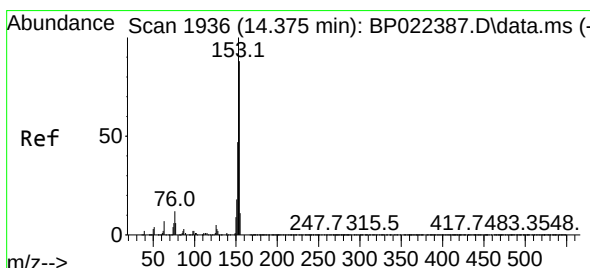
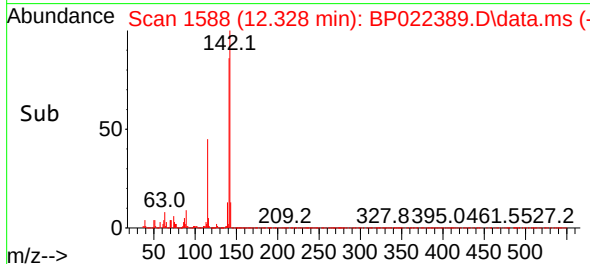
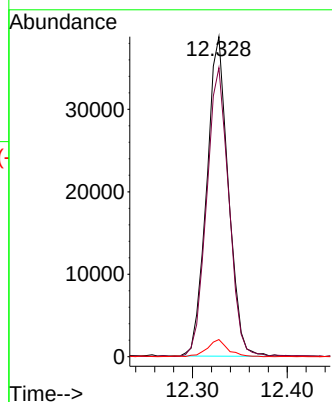
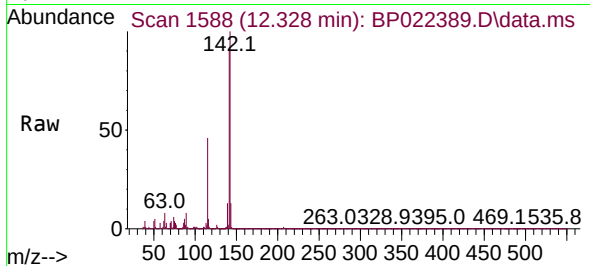
ClientSampleId :

DCYN5DL2

Tgt Ion:142 Resp: 6164
Ion Ratio Lower Upper
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141 90.3 74.8 112.2
116 5.3 4.1 6.1

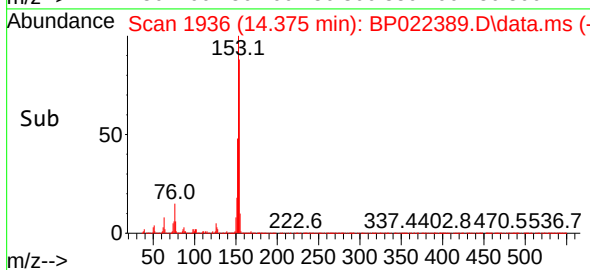
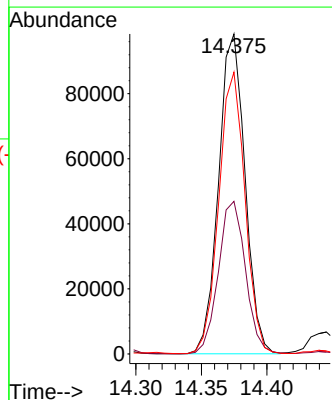
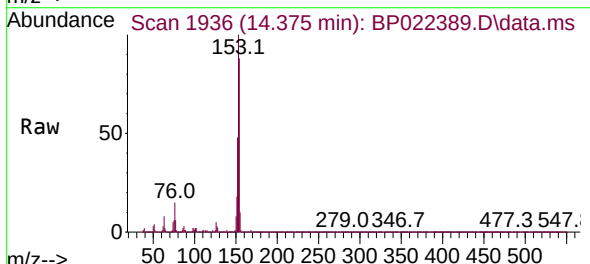
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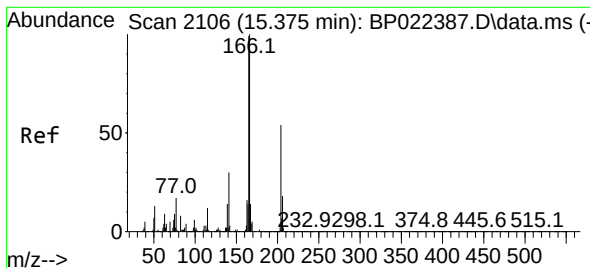
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#52
Acenaphthene
Concen: 9.848 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BP022389.D
Acq: 15 Oct 2024 14:55

Tgt Ion:153 Resp: 137757
Ion Ratio Lower Upper
153 100
152 47.7 37.8 56.6
154 88.0 69.5 104.3





#61

Fluorene

Concen: 8.872 ng/ul

RT: 15.375 min Scan# 2106

Delta R.T. 0.000 min

Lab File: BP022389.D

Acq: 15 Oct 2024 14:55

Instrument :

BNA_P

ClientSampleId :

DCYN5DL2

Tgt Ion:166 Resp: 15188

Ion Ratio Lower Upper

166 100

165 101.1 77.8 116.6

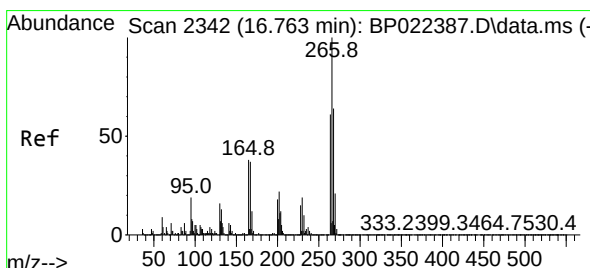
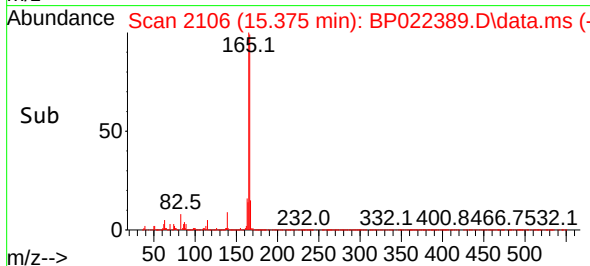
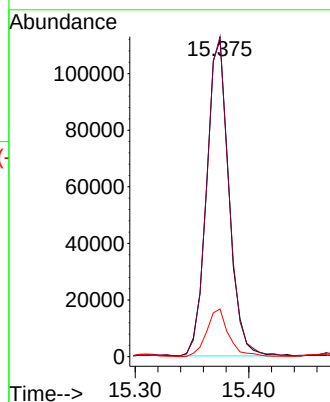
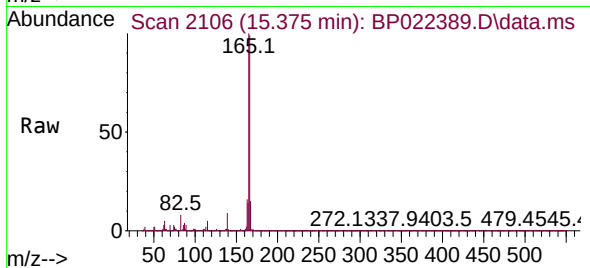
167 15.0 11.1 16.7

Manual Integrations

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Supervised By :mohammad ahmed 10/22/2024



#71

Pentachlorophenol

Concen: 1.504 ng/ul

RT: 16.763 min Scan# 2342

Delta R.T. 0.006 min

Lab File: BP022389.D

Acq: 15 Oct 2024 14:55

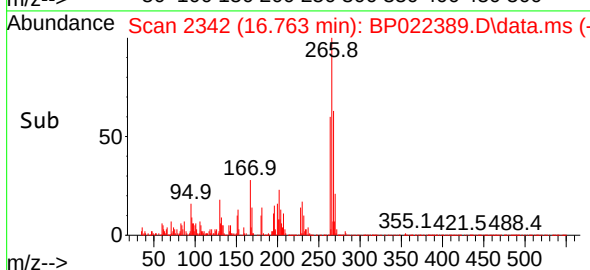
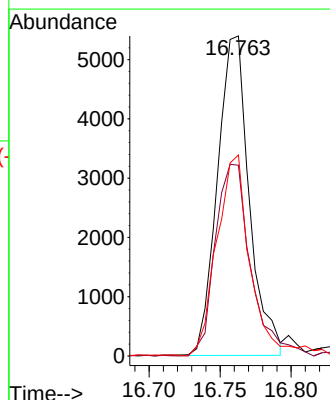
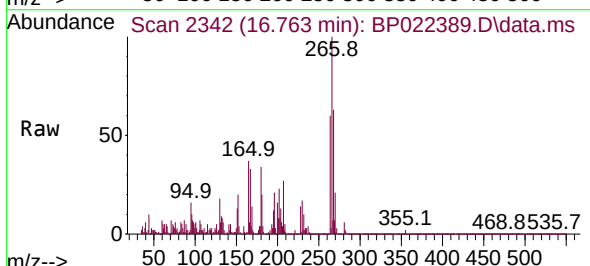
Tgt Ion:266 Resp: 8417

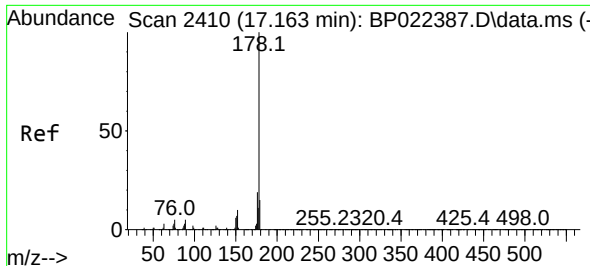
Ion Ratio Lower Upper

266 100

264 62.8 52.4 78.6

268 62.8 53.0 79.4





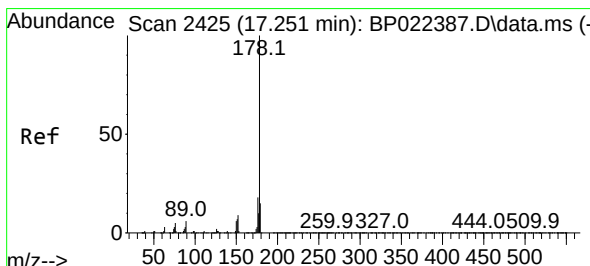
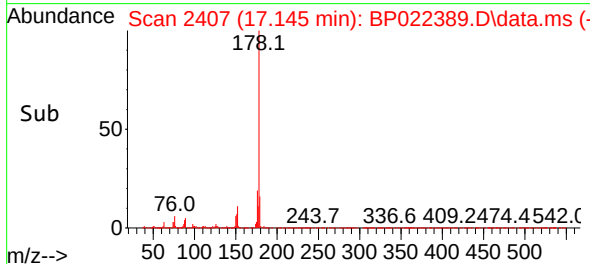
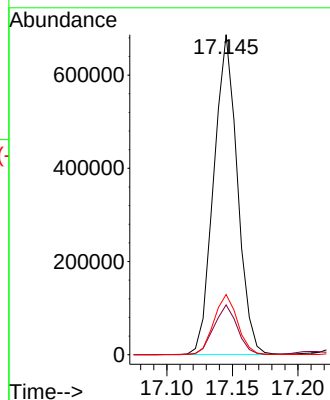
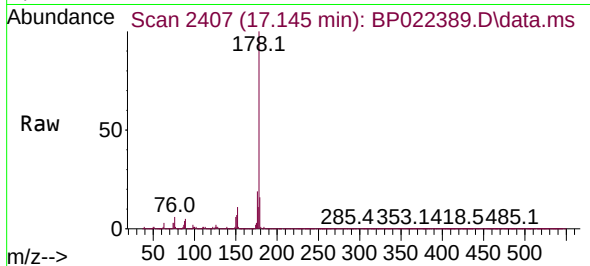
#72
Phenanthrene
Concen: 27.349 ng/ul
RT: 17.145 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP022389.D
Acq: 15 Oct 2024 14:55

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Tgt Ion:178 Resp: 85808
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 18.8 15.7 23.5

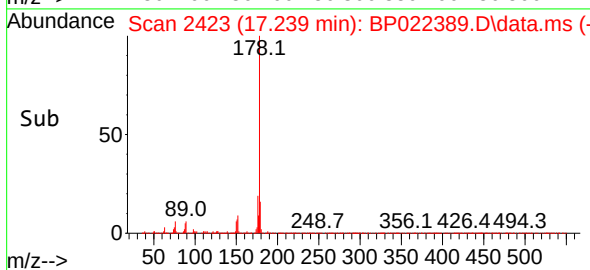
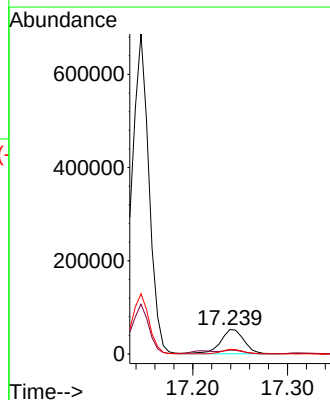
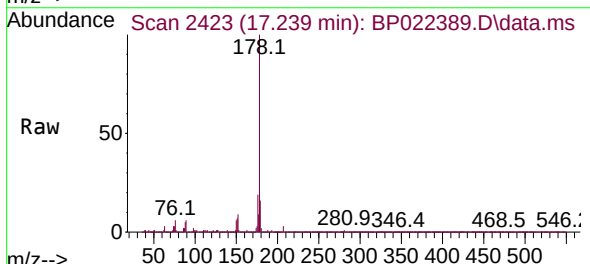
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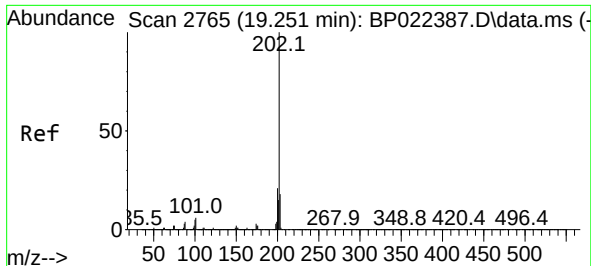
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#74
Anthracene
Concen: 2.887 ng/ul
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP022389.D
Acq: 15 Oct 2024 14:55

Tgt Ion:178 Resp: 90390
Ion Ratio Lower Upper
178 100
179 15.8 12.0 18.0
176 19.0 15.0 22.4





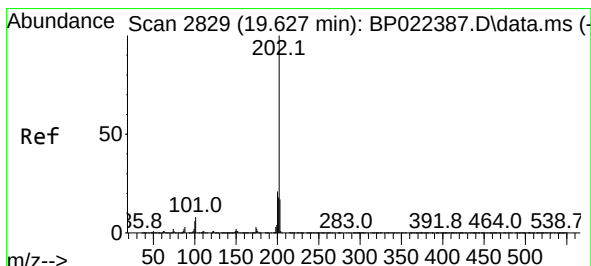
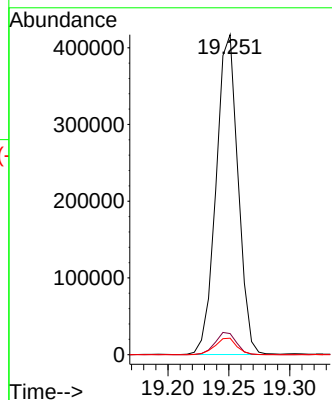
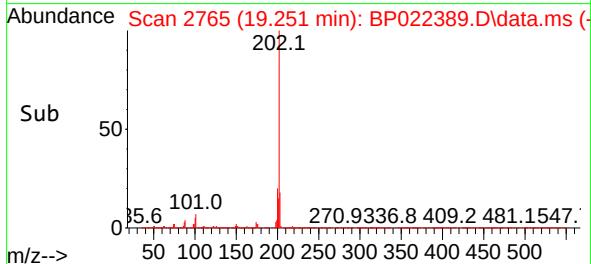
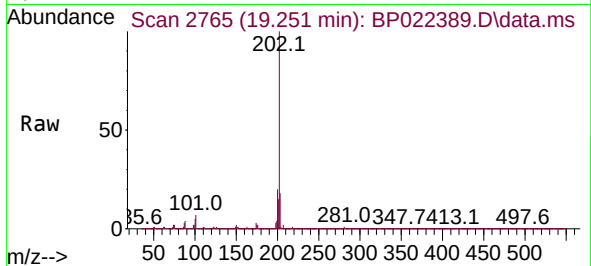
#80
Fluoranthene
Concen: 11.576 ng/u1
RT: 19.251 min Scan# 2765
Delta R.T. 0.000 min
Lab File: BP022389.D
Acq: 15 Oct 2024 14:55

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Tgt Ion:202 Resp: 523720
Ion Ratio Lower Upper
202 100
101 6.6 5.8 8.8
100 5.2 4.5 6.7

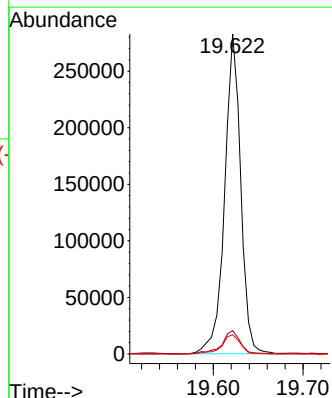
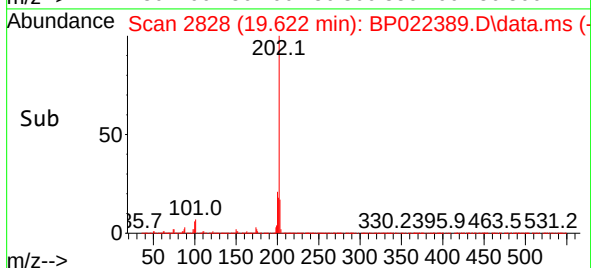
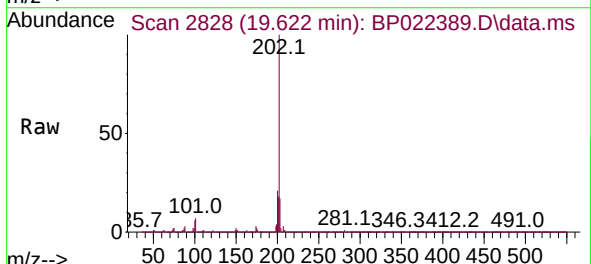
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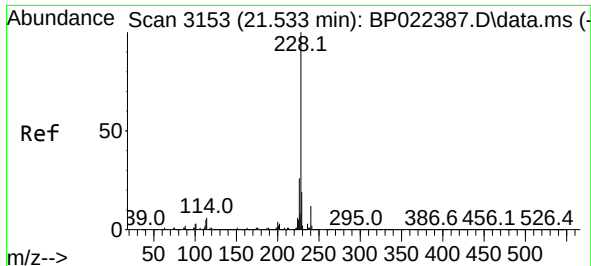
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#82
Pyrene
Concen: 7.250 ng/u1
RT: 19.622 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP022389.D
Acq: 15 Oct 2024 14:55

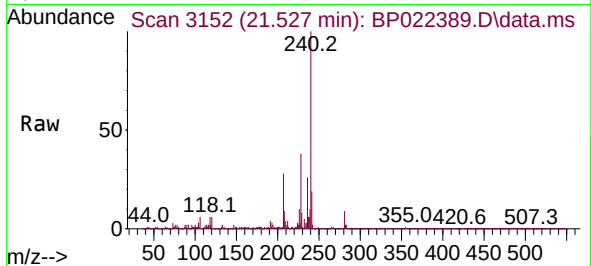
Tgt Ion:202 Resp: 351533
Ion Ratio Lower Upper
202 100
101 7.3 6.7 10.1
100 6.0 5.8 8.6





#85
Benzo(a)anthracene
Concen: 1.919 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP022389.D
Acq: 15 Oct 2024 14:55

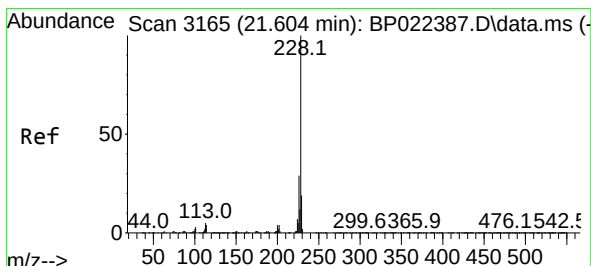
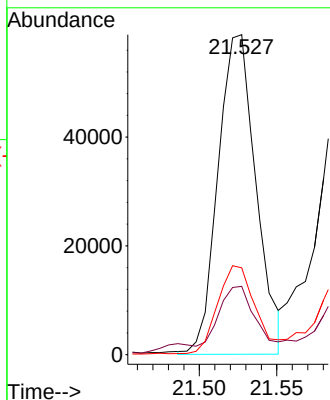
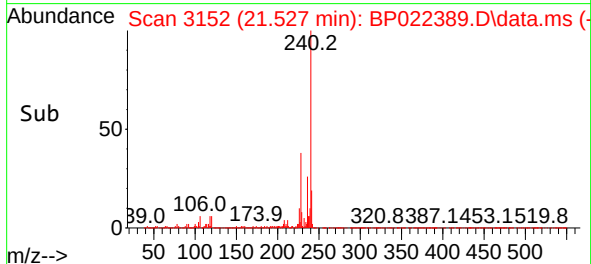
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 100134
Ion Ratio Lower Upper
228 100
229 21.4 15.4 23.0
226 27.2 21.5 32.3

Manual Integrations
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#87
Chrysene
Concen: 1.737 ng/ul
RT: 21.586 min Scan# 3162
Delta R.T. -0.018 min
Lab File: BP022389.D
Acq: 15 Oct 2024 14:55

Tgt Ion:228 Resp: 84023
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 22.5 15.5 23.3

