

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
 Data File : BP022444.D
 Acq On : 17 Oct 2024 13:16
 Operator : RC/JU
 Sample : P4264-02MEDL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN6MEDL

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 02:03:13 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	7.669	152	108851	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	410580	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	345941	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.086	188	843795	20.000	ng/u1	0.01
79) Chrysene-d12	21.504	240	955988	20.000	ng/u1	-0.01
88) Perylene-d12	24.774	264	1084111	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1373	0.490	ng/uL	0.00
4) Pyridine-d5	3.622	84	14737m	1.916	ng/u1	0.01
7) Phenol-d5	6.858	99	24246	2.646	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	15534	2.884	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	19236	2.959	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	20850	2.851	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	9633	3.051	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	11404	3.120	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	24021	3.092	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	31083	3.386	ng/u1	0.01
46) Dimethylphthalate-d6	13.687	166	93073	3.386	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	93062	3.188	ng/u1	0.01
54) 4-Nitrophenol-d4	14.528	143	7882	1.709	ng/u1	0.02
60) Fluorene-d10	15.287	176	83704	3.511	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.428	200	9348	1.684	ng/u1	0.00
73) Anthracene-d10	17.181	188	140594	3.542	ng/u1	0.00
81) Pyrene-d10	19.557	212	182232	3.605	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	197091	3.404	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.475	128	1924527	88.004	ng/u1	98
36) 2-Methylnaphthalene	12.081	142	428512	26.694	ng/u1	98
37) 1-Methylnaphthalene	12.304	142	202702	12.372	ng/u1	98
52) Acenaphthene	14.357	153	341261	15.929	ng/u1	99
61) Fluorene	15.351	166	422705	16.120	ng/u1	99
72) Phenanthrene	17.134	178	2934887	65.012	ng/u1	100
74) Anthracene	17.222	178	262309	5.823	ng/u1	99
80) Fluoranthene	19.216	202	1786765	30.744	ng/u1	98
82) Pyrene	19.592	202	1181737	18.971	ng/u1	96
85) Benzo(a)anthracene	21.486	228	320087	4.776	ng/u1	98
87) Chrysene	21.545	228	260823	4.197	ng/u1	99
90) Benzo(b)fluoranthene	23.733	252	163721	2.399	ng/u1	99
91) Benzo(k)fluoranthene	23.792	252	71619m	1.072	ng/u1	
93) Benzo(a)pyrene	24.604	252	83768	1.334	ng/u1	96

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

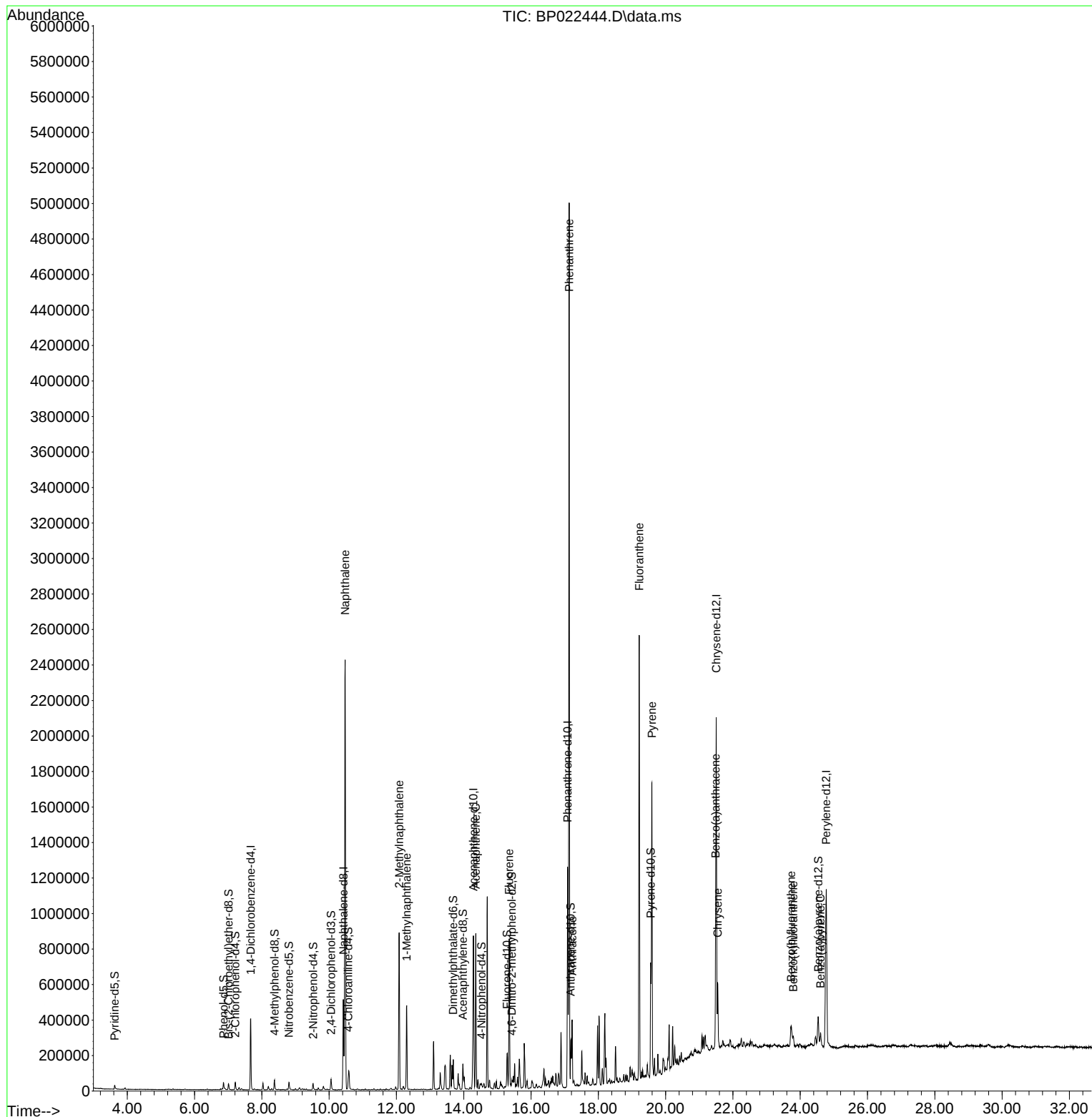
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022444.D
Acq On : 17 Oct 2024 13:16
Operator : RC/JU
Sample : P4264-02MEDL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

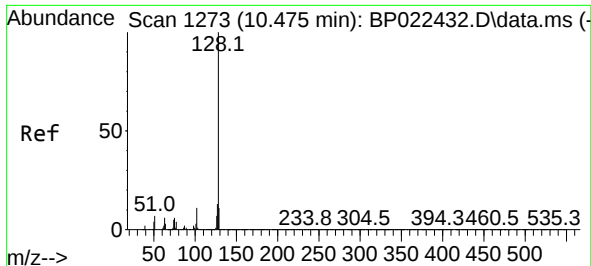
Instrument :
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ClientSampleId :
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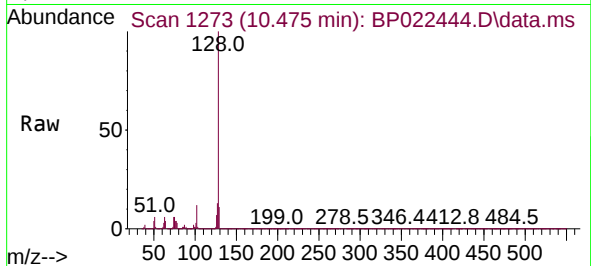
Quant Time: Oct 18 02:03:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 05:42:26 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 88.004 ng/ul
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP022444.D
Acq: 17 Oct 2024 13:16

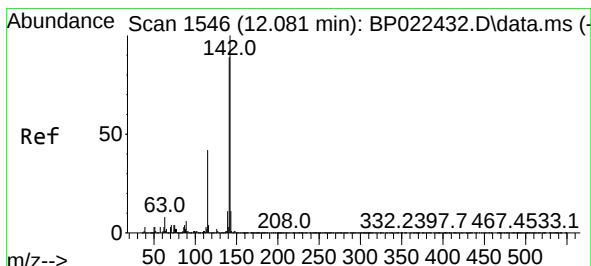
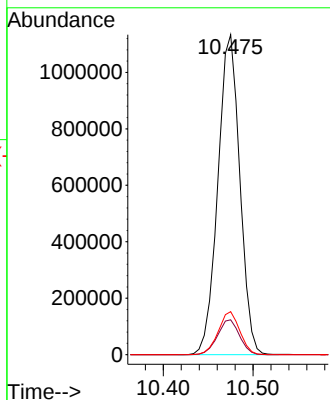
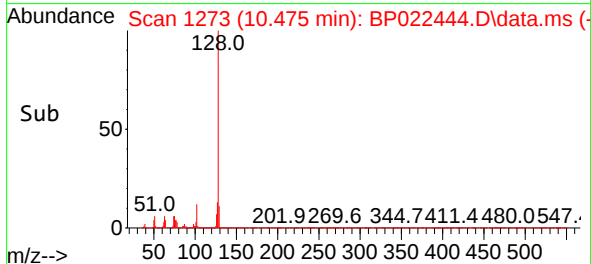
Instrument :
BNA_P
ClientSampleId :
DCYN6MEDL



Tgt Ion:128 Resp: 192452
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.4 9.9 14.9

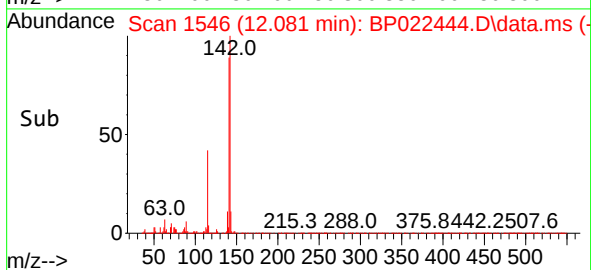
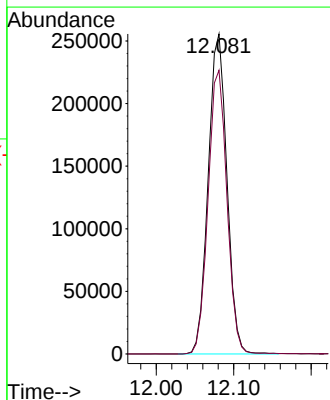
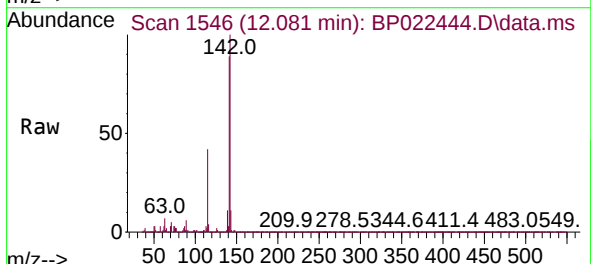
Manual Integrations
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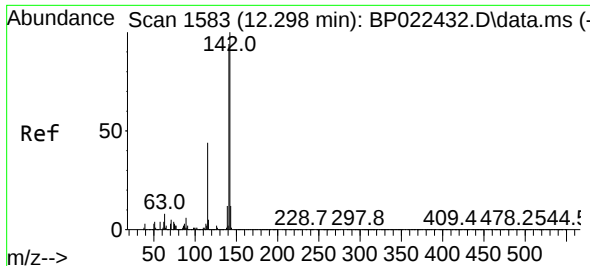
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



#36
2-Methylnaphthalene
Concen: 26.694 ng/ul
RT: 12.081 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BP022444.D
Acq: 17 Oct 2024 13:16

Tgt Ion:142 Resp: 428512
Ion Ratio Lower Upper
142 100
141 88.7 69.8 104.6





#37

1-Methylnaphthalene

Concen: 12.372 ng/ul

RT: 12.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP022444.D

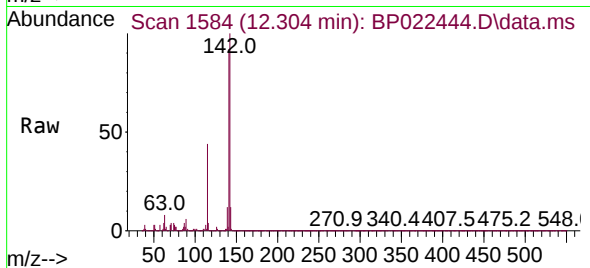
Acq: 17 Oct 2024 13:16

Instrument :

BNA_P

ClientSampleId :

DCYN6MEDL



Tgt Ion:142 Resp: 20270

Ion Ratio Lower Upper

142 100

141 91.7 74.8 112.2

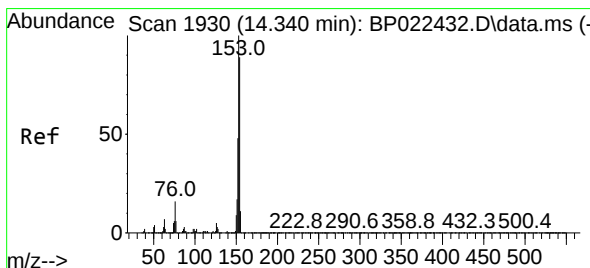
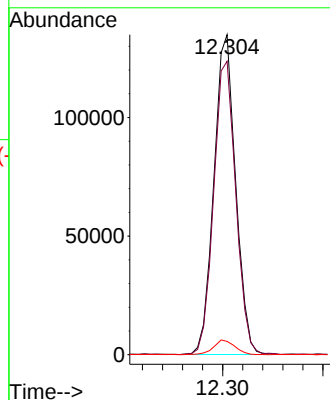
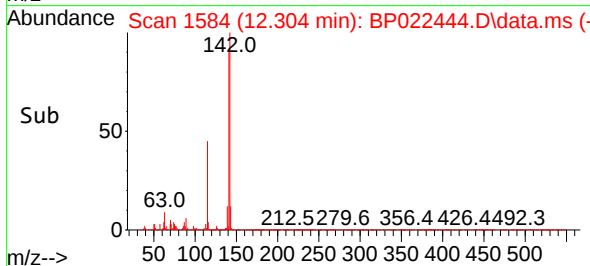
116 4.2 4.1 6.1

Manual Integrations

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#52

Acenaphthene

Concen: 15.929 ng/ul

RT: 14.357 min Scan# 1933

Delta R.T. 0.018 min

Lab File: BP022444.D

Acq: 17 Oct 2024 13:16

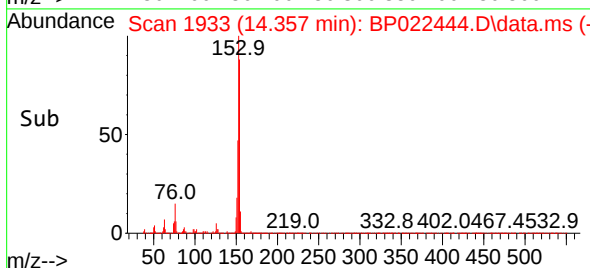
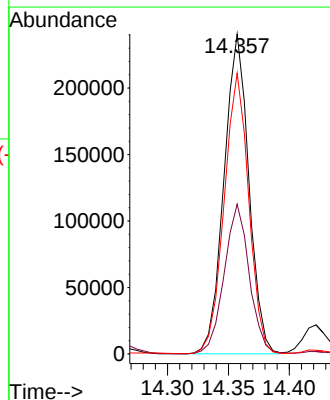
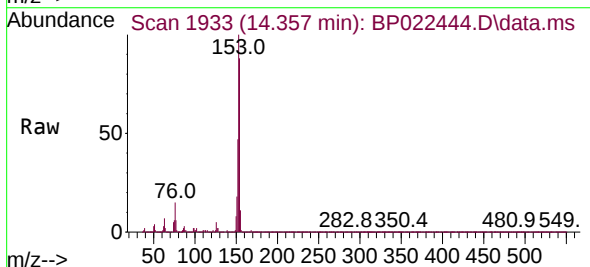
Tgt Ion:153 Resp: 341261

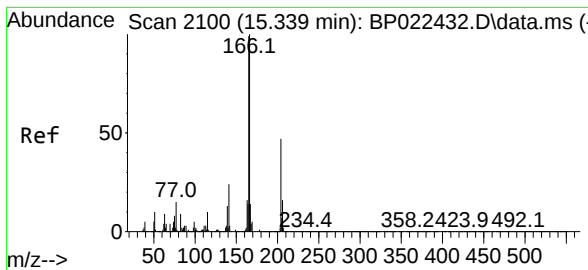
Ion Ratio Lower Upper

153 100

152 46.8 37.8 56.6

154 87.7 69.5 104.3





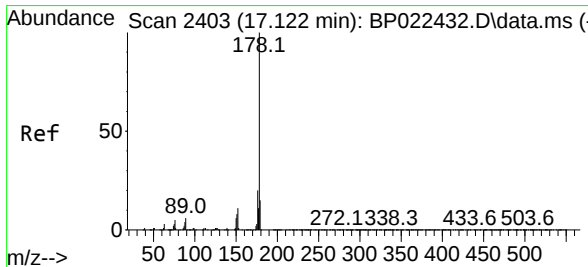
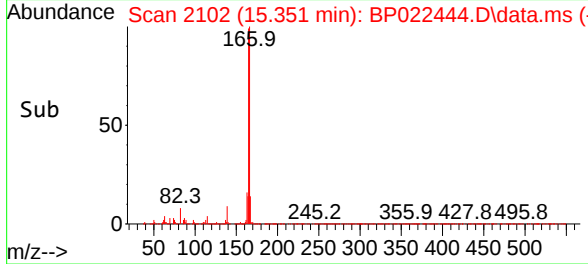
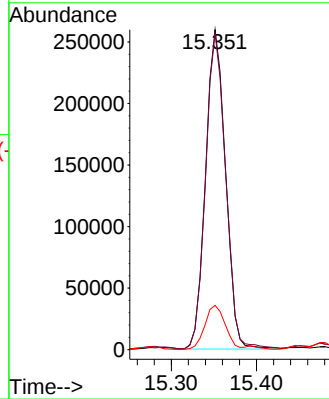
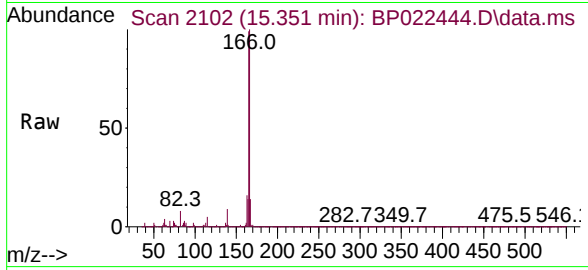
#61
Fluorene
Concen: 16.120 ng/ul
RT: 15.351 min Scan# 2100
Delta R.T. 0.012 min
Lab File: BP022444.D
Acq: 17 Oct 2024 13:16

Instrument :
BNA_P
ClientSampleId :
DCYN6MEDL

Tgt Ion:166 Resp: 422705
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.6
167 13.9 11.1 16.7

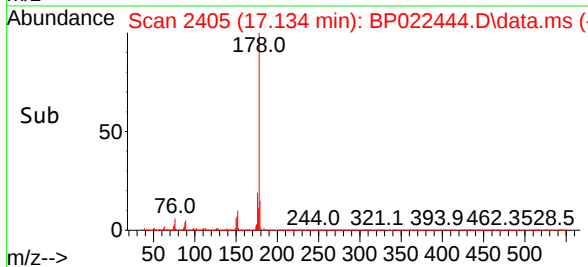
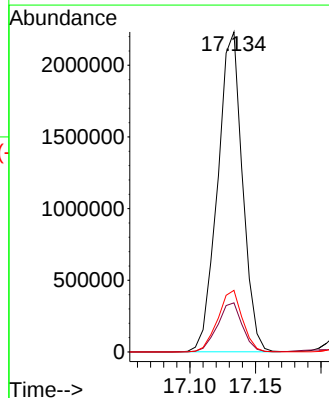
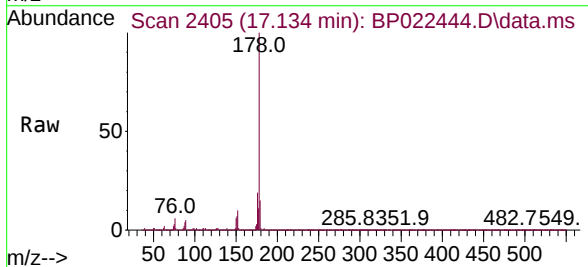
Manual Integrations
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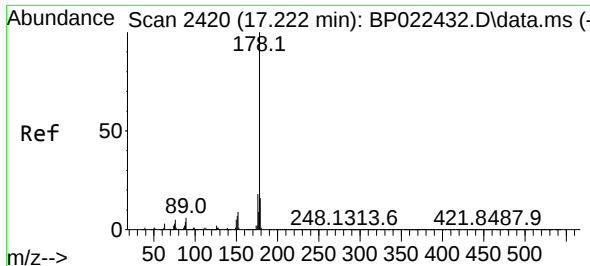
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



#72
Phenanthrene
Concen: 65.012 ng/ul
RT: 17.134 min Scan# 2405
Delta R.T. 0.012 min
Lab File: BP022444.D
Acq: 17 Oct 2024 13:16

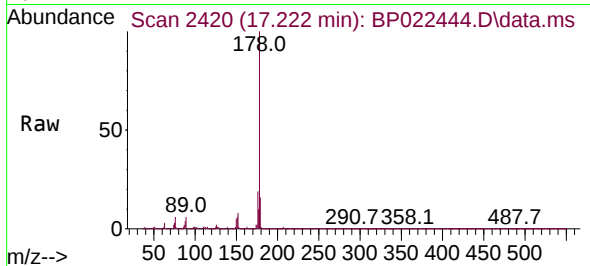
Tgt Ion:178 Resp: 2934887
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.2 15.7 23.5





#74
 Anthracene
 Concen: 5.823 ng/ul
 RT: 17.222 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: BP022444.D
 Acq: 17 Oct 2024 13:16

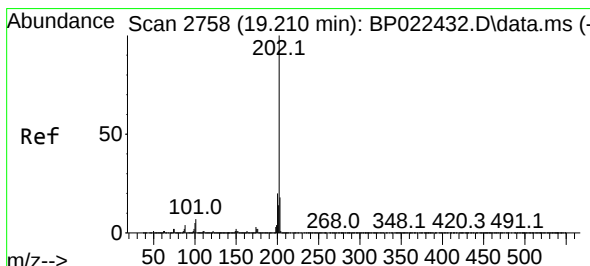
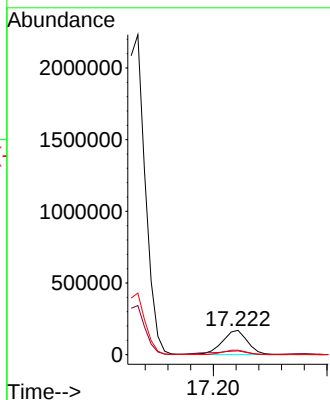
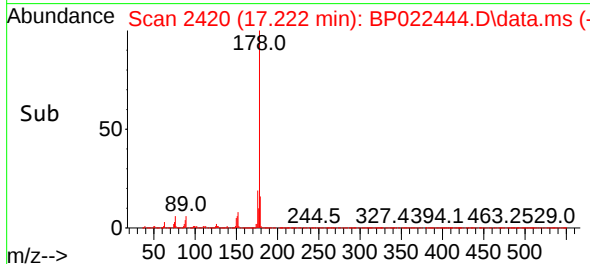
Instrument :
 BNA_P
 ClientSampleId :
 DCYN6MEDL



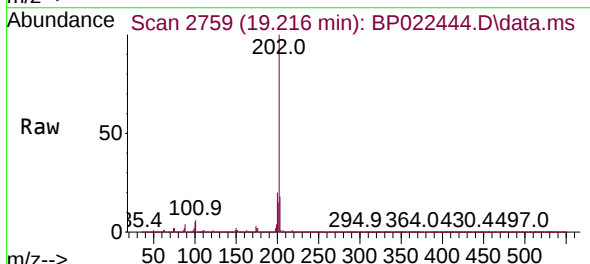
Tgt Ion:178 Resp: 262309
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.0 18.0
 176 18.6 15.0 22.4

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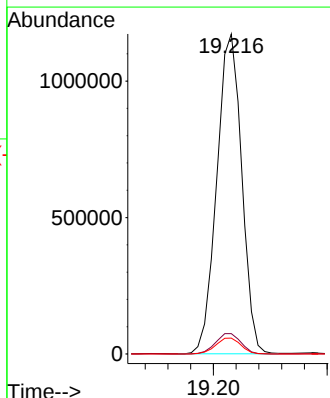
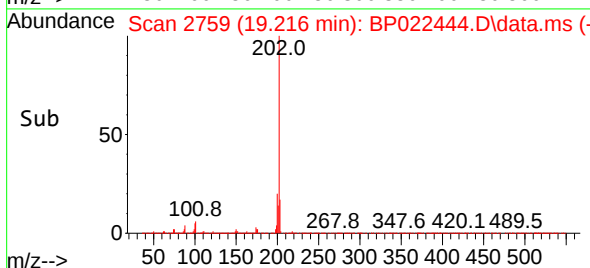
Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024

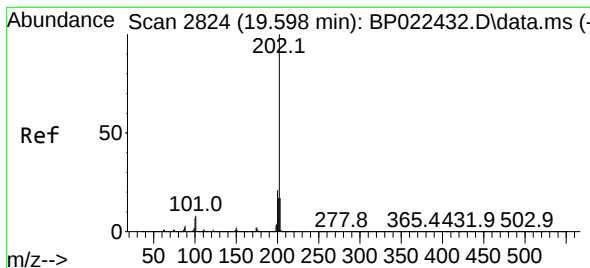


#80
 Fluoranthene
 Concen: 30.744 ng/ul
 RT: 19.216 min Scan# 2759
 Delta R.T. 0.006 min
 Lab File: BP022444.D
 Acq: 17 Oct 2024 13:16



Tgt Ion:202 Resp: 1786765
 Ion Ratio Lower Upper
 202 100
 101 6.4 5.8 8.8
 100 5.0 4.5 6.7





#82

Pyrene

Concen: 18.971 ng/ul

RT: 19.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022444.D

Acq: 17 Oct 2024 13:16

Instrument :

BNA_P

ClientSampleId :

DCYN6MEDL

Tgt Ion:202 Resp: 118173

Ion Ratio Lower Upper

202 100

101 7.0 6.7 10.1

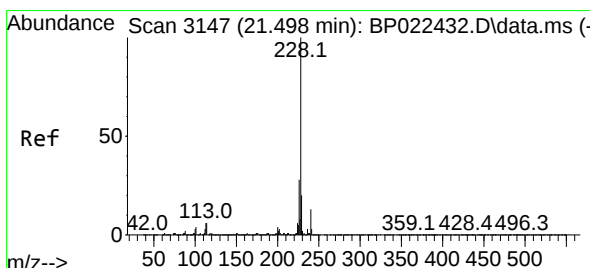
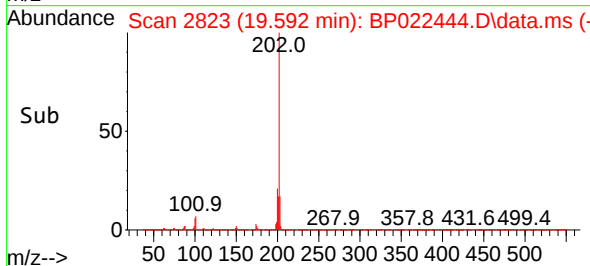
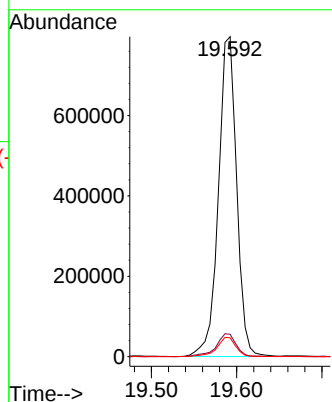
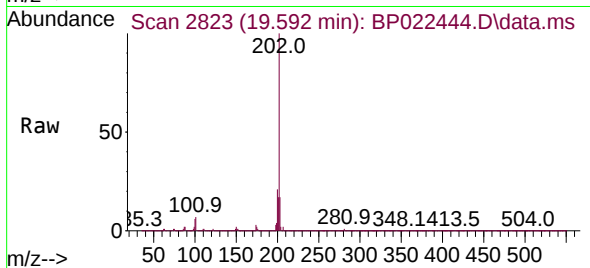
100 5.9 5.8 8.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 4.776 ng/ul

RT: 21.486 min Scan# 3145

Delta R.T. -0.012 min

Lab File: BP022444.D

Acq: 17 Oct 2024 13:16

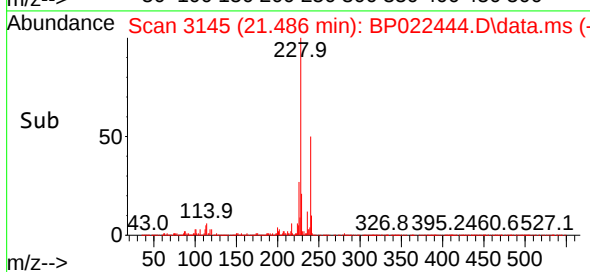
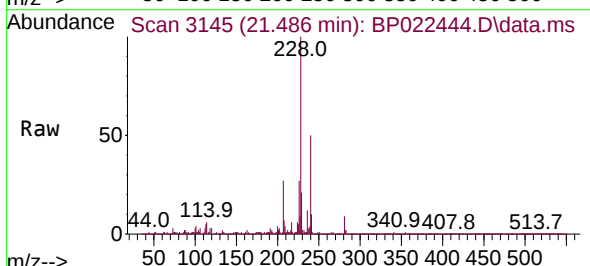
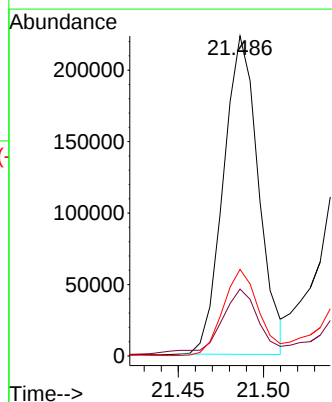
Tgt Ion:228 Resp: 320087

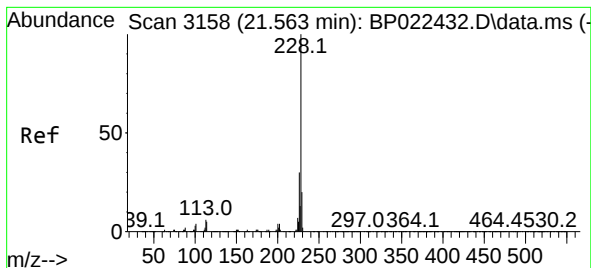
Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.0

226 27.1 21.5 32.3





#87

Chrysene

Concen: 4.197 ng/ul

RT: 21.545 min Scan# 3158

Delta R.T. -0.018 min

Lab File: BP022444.D

Acq: 17 Oct 2024 13:16

Instrument :

BNA_P

ClientSampleId :

DCYN6MEDL

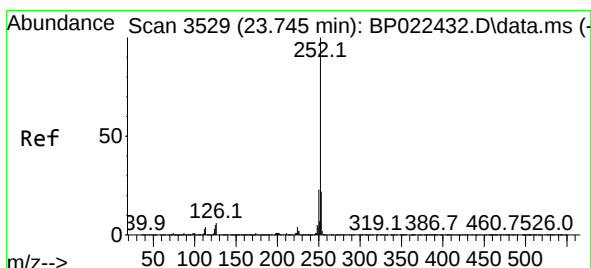
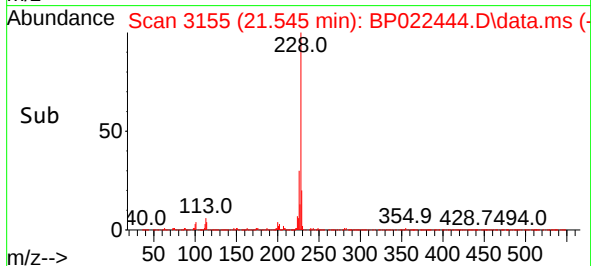
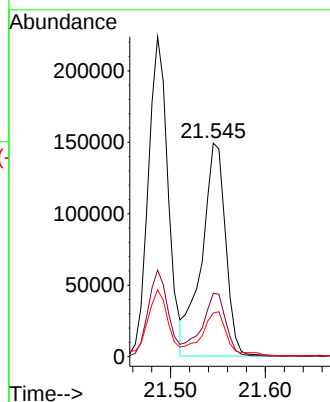
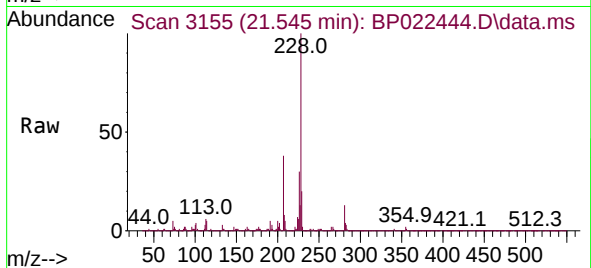
Tgt Ion:	228	Resp:	26082
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.8	35.8
229	20.4	15.5	23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 2.399 ng/ul

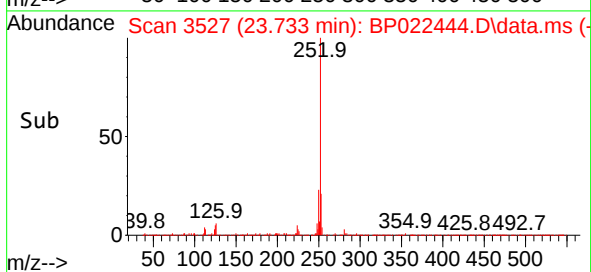
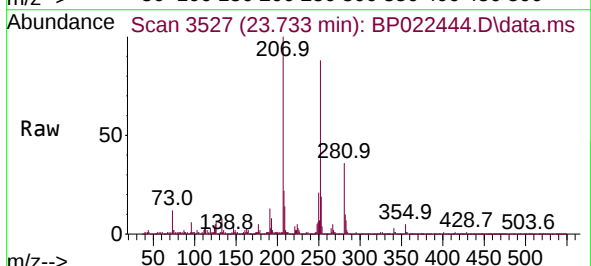
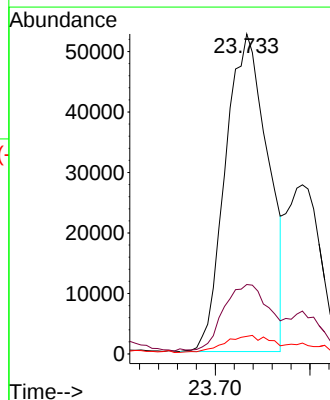
RT: 23.733 min Scan# 3527

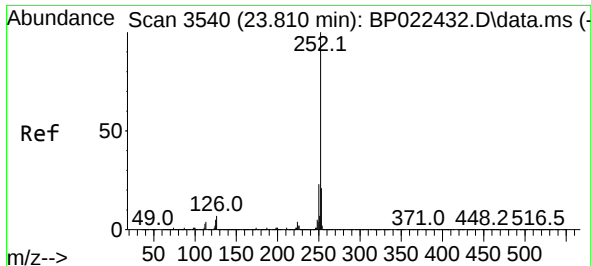
Delta R.T. -0.012 min

Lab File: BP022444.D

Acq: 17 Oct 2024 13:16

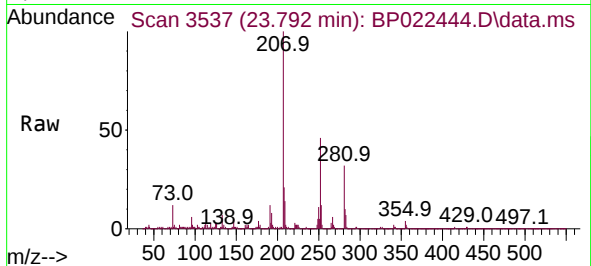
Tgt Ion:	252	Resp:	163721
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	5.5	5.0	7.4





#91
Benzo(k)fluoranthene
Concen: 1.072 ng/ul m
RT: 23.792 min Scan# 3540
Delta R.T. -0.018 min
Lab File: BP022444.D
Acq: 17 Oct 2024 13:16

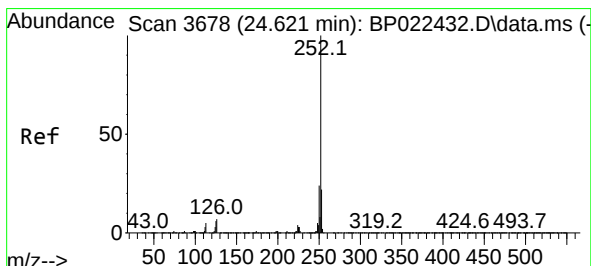
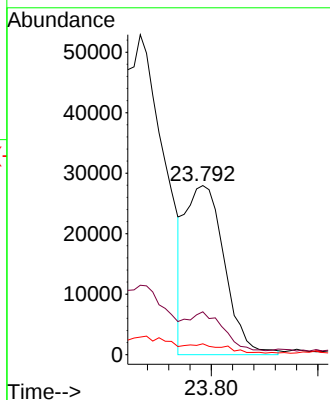
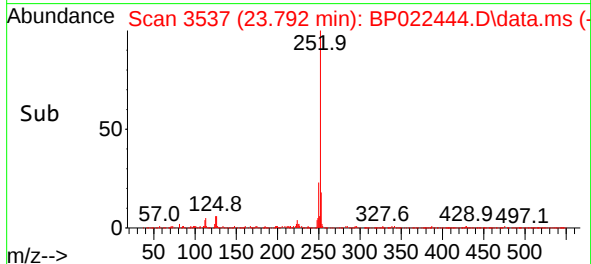
Instrument :
BNA_P
ClientSampleId :
DCYN6MEDL



Tgt Ion:252 Resp: 71619
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.0
125 6.4 4.6 6.8

Manual Integrations
APPROVED

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



#93
Benzo(a)pyrene
Concen: 1.334 ng/ul
RT: 24.604 min Scan# 3675
Delta R.T. -0.018 min
Lab File: BP022444.D
Acq: 17 Oct 2024 13:16

Tgt Ion:252 Resp: 83768
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 5.4 4.9 7.3

