

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022379.D
 Acq On : 15 Oct 2024 07:40
 Operator : RC/JU
 Sample : P4264-01DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN5DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 08:14:30 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	7.699	152	91024	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	368578	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.304	164	295794	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	706580	20.000	ng/u1	-0.01
79) Chrysene-d12	21.545	240	731176	20.000	ng/u1	0.00
88) Perylene-d12	24.845	264	851552	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	1288m	0.550	ng/uL	0.00
4) Pyridine-d5	3.652	84	12961	2.016	ng/u1	0.02
7) Phenol-d5	6.887	99	19748m	2.577	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	12099	2.687	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	15449	2.842	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	16731	2.736	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	7877	2.779	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	8585	2.617	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	19109	2.740	ng/u1	0.01
31) 4-Chloroaniline-d4	10.593	131	21542	2.614	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	64484	2.744	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	69947	2.802	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	5829m	1.478	ng/u1	0.00
60) Fluorene-d10	15.310	176	61207	3.003	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	5107	1.099	ng/u1	0.00
73) Anthracene-d10	17.204	188	101461	3.052	ng/u1	0.00
81) Pyrene-d10	19.580	212	121500	3.142	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.610	264	134372	2.955	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.510	128	1774302	90.380	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	360515	25.018	ng/u1	95
37) 1-Methylnaphthalene	12.334	142	171190	11.639	ng/u1	99
52) Acenaphthene	14.369	153	366620	20.013	ng/u1	100
61) Fluorene	15.369	166	399507	17.818	ng/u1	98
71) Pentachlorophenol	16.751	266	24393	3.617	ng/u1	96
72) Phenanthrene	17.145	178	2171817	57.451	ng/u1	99
74) Anthracene	17.239	178	227663	6.035	ng/u1	99
80) Fluoranthene	19.233	202	1227924	27.624	ng/u1	99
82) Pyrene	19.610	202	802743	16.849	ng/u1	98
85) Benzo(a)anthracene	21.527	228	210389	4.104	ng/u1	97
87) Chrysene	21.592	228	164895	3.469	ng/u1	98
90) Benzo(b)fluoranthene	23.792	252	108812	2.030	ng/u1	98
93) Benzo(a)pyrene	24.680	252	58108	1.178	ng/u1	99

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

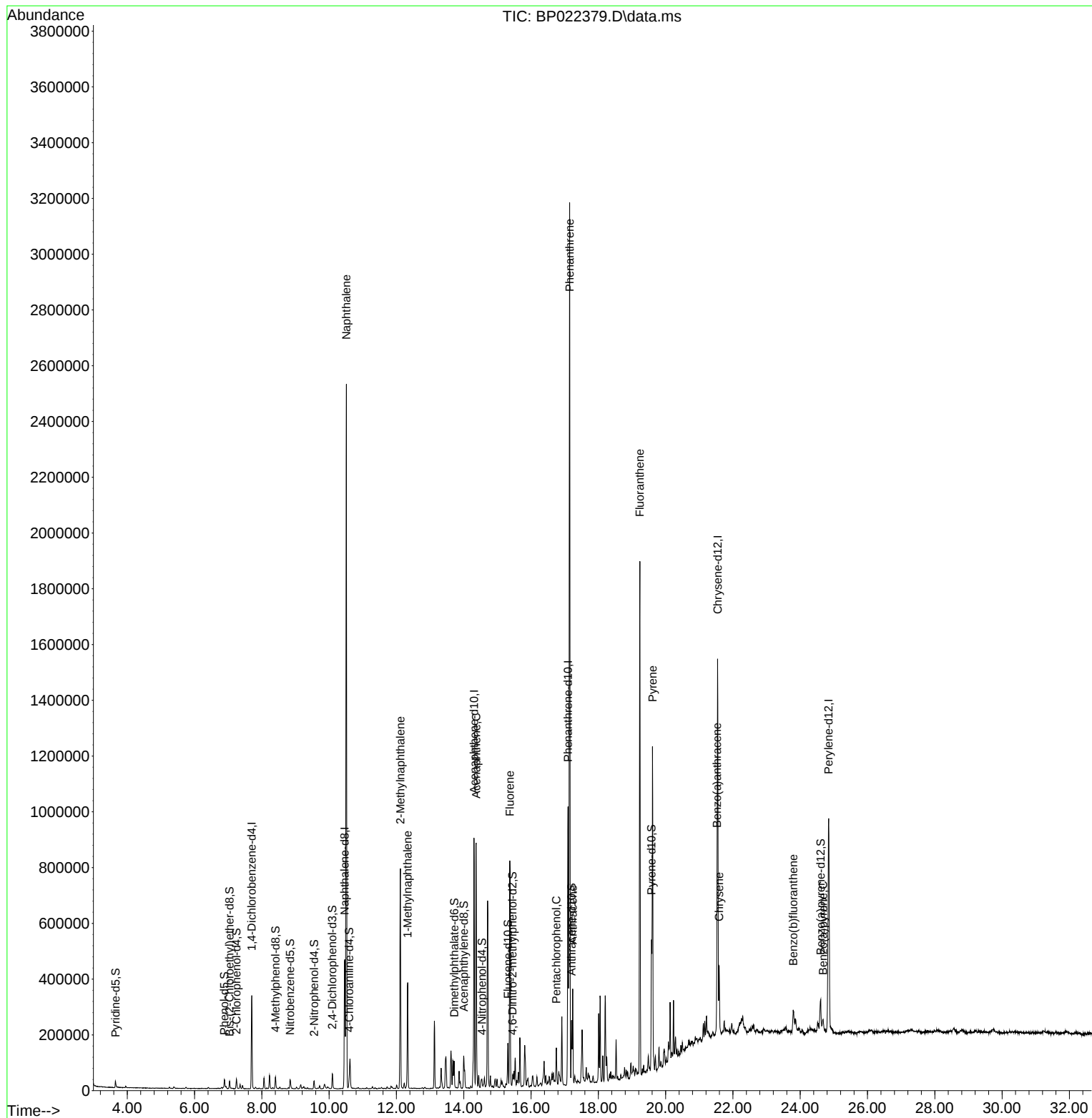
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022379.D
Acq On : 15 Oct 2024 07:40
Operator : RC/JU
Sample : P4264-01DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

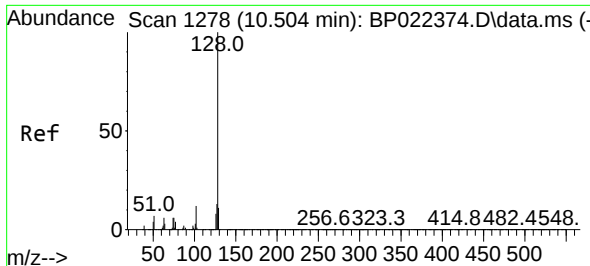
Instrument :
BNA_P
ClientSampleId :
DCYN5DL

Quant Time: Oct 15 08:14:30 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

Manual Integrations
APPROVED

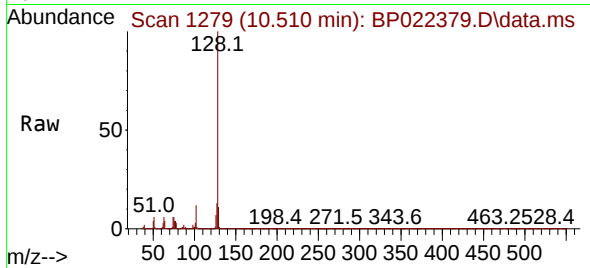
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024





#30
Naphthalene
Concen: 90.380 ng/ul
RT: 10.510 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP022379.D
Acq: 15 Oct 2024 07:40

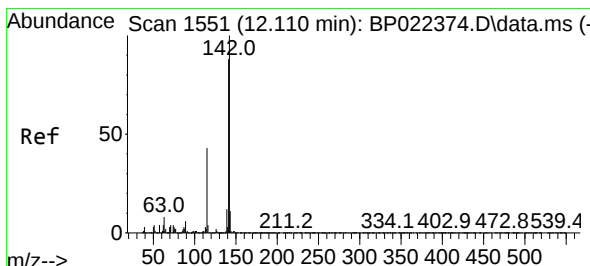
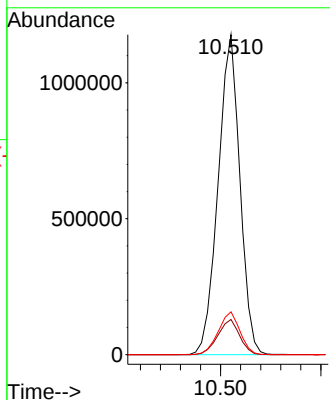
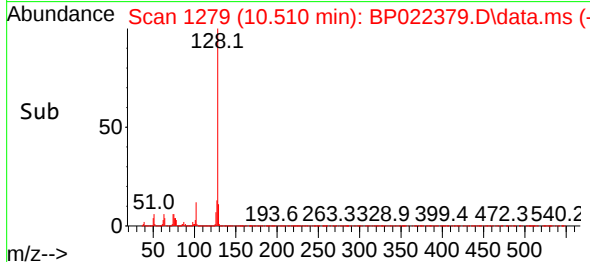
Instrument :
BNA_P
ClientSampleId :
DCYN5DL



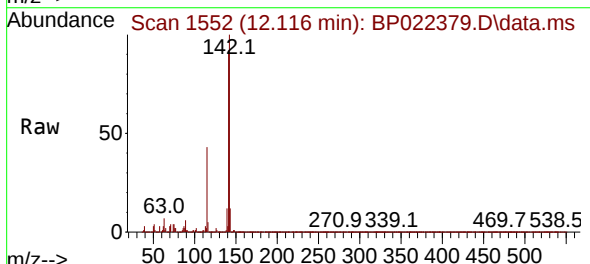
Tgt Ion:128 Resp: 1774302
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 9.9 14.9

Manual Integrations
APPROVED

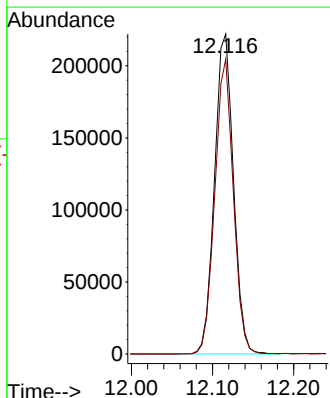
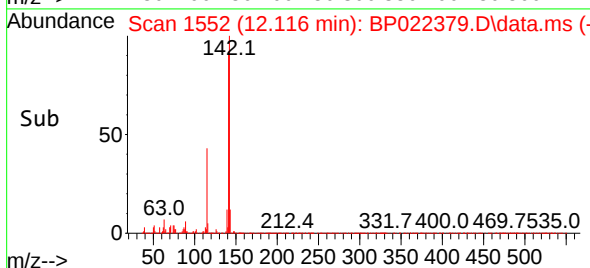
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

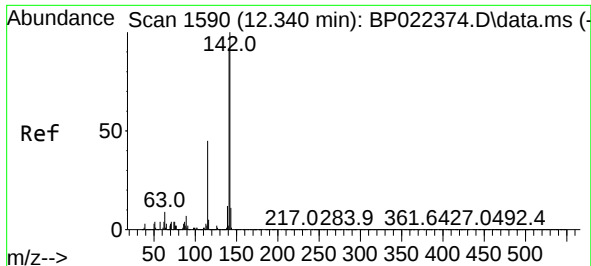


#36
2-Methylnaphthalene
Concen: 25.018 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BP022379.D
Acq: 15 Oct 2024 07:40



Tgt Ion:142 Resp: 360515
Ion Ratio Lower Upper
142 100
141 92.1 69.8 104.6





#37

1-Methylnaphthalene

Concen: 11.639 ng/ul

RT: 12.334 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BP022379.D

Acq: 15 Oct 2024 07:40

Instrument :

BNA_P

ClientSampleId :

DCYN5DL

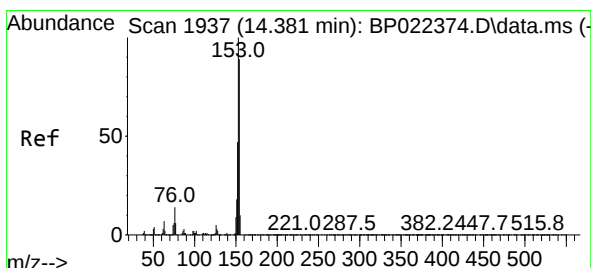
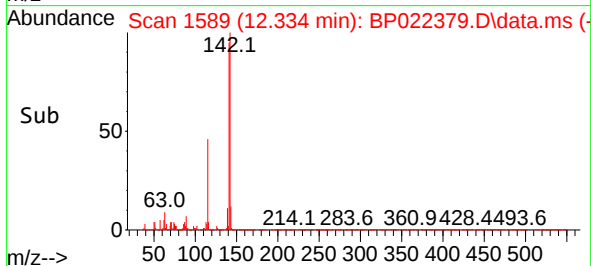
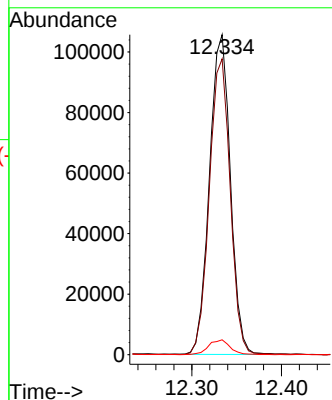
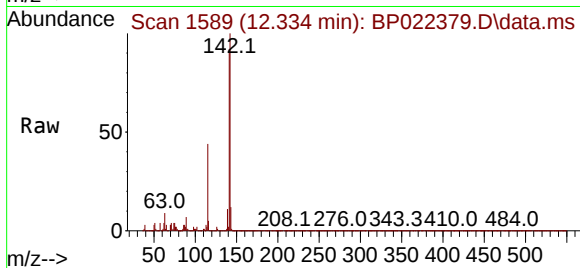
Tgt Ion:	142	Resp:	171190
Ion Ratio	Lower	Upper	
142	100		
141	92.5	74.8	112.2
116	4.6	4.1	6.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/22/2024



#52

Acenaphthene

Concen: 20.013 ng/ul

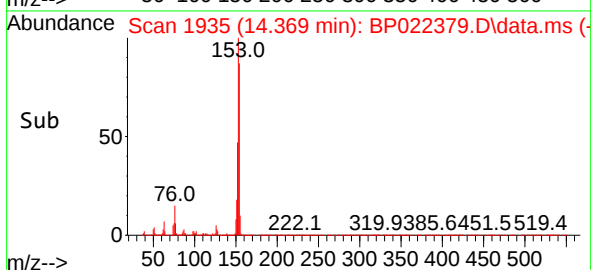
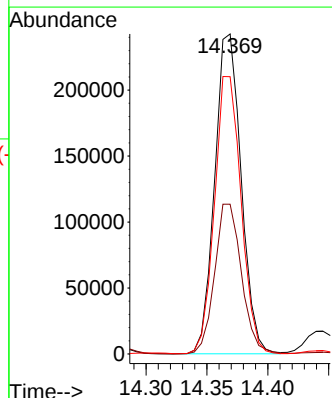
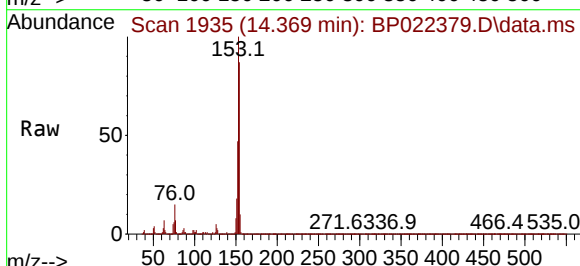
RT: 14.369 min Scan# 1935

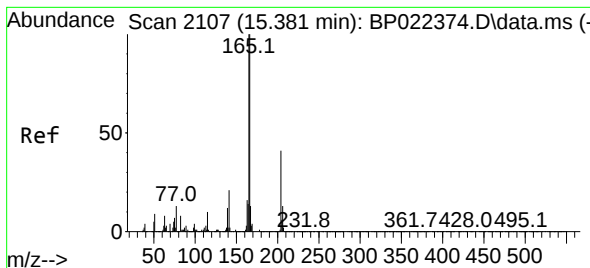
Delta R.T. -0.006 min

Lab File: BP022379.D

Acq: 15 Oct 2024 07:40

Tgt Ion:	153	Resp:	366620
Ion Ratio	Lower	Upper	
153	100		
152	46.8	37.8	56.6
154	86.6	69.5	104.3





#61

Fluorene

Concen: 17.818 ng/ul

RT: 15.369 min Scan# 2105

Delta R.T. -0.006 min

Lab File: BP022379.D

Acq: 15 Oct 2024 07:40

Instrument :

BNA_P

ClientSampleId :

DCYN5DL

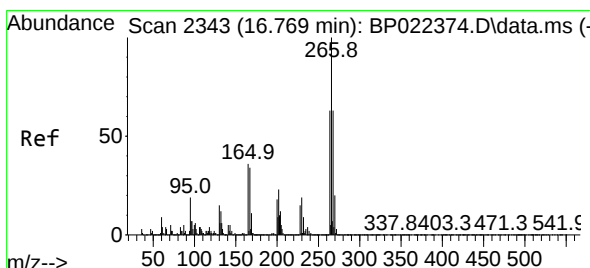
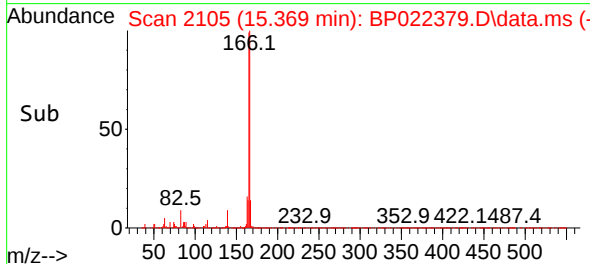
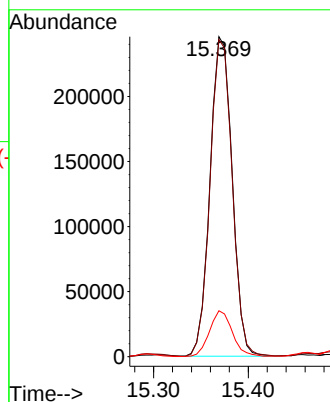
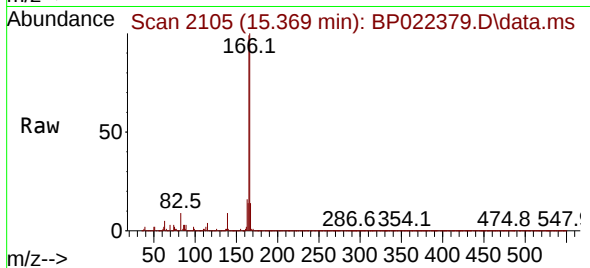
Tgt Ion:	166	Resp:	39950
Ion Ratio	Lower	Upper	
166	100		
165	99.1	77.8	116.6
167	14.4	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/22/2024



#71

Pentachlorophenol

Concen: 3.617 ng/ul

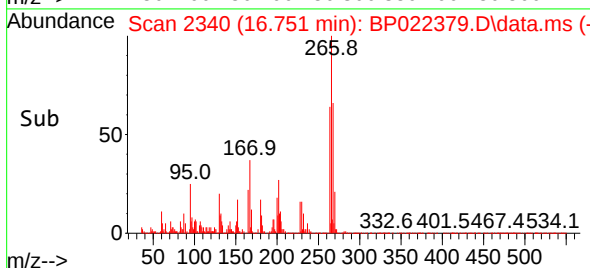
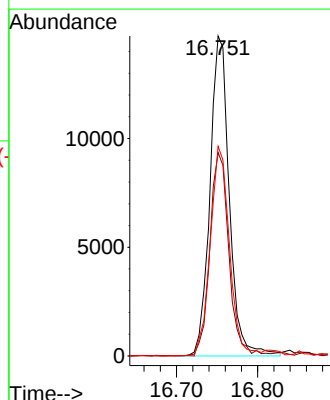
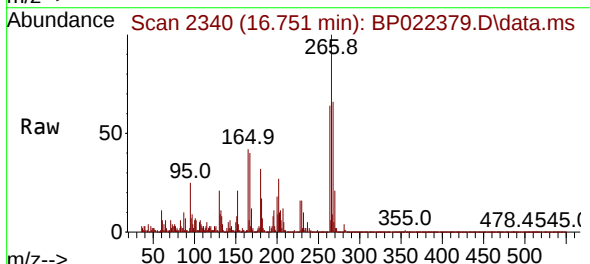
RT: 16.751 min Scan# 2340

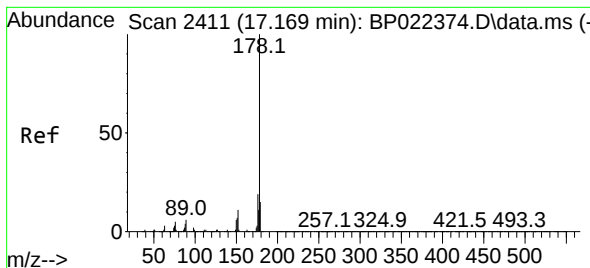
Delta R.T. -0.006 min

Lab File: BP022379.D

Acq: 15 Oct 2024 07:40

Tgt Ion:	266	Resp:	24393
Ion Ratio	Lower	Upper	
266	100		
264	63.6	52.4	78.6
268	70.5	53.0	79.4





#72

Phenanthrene

Concen: 57.451 ng/ul

RT: 17.145 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP022379.D

Acq: 15 Oct 2024 07:40

Instrument :

BNA_P

ClientSampleId :

DCYN5DL

Tgt Ion:178 Resp: 217181

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

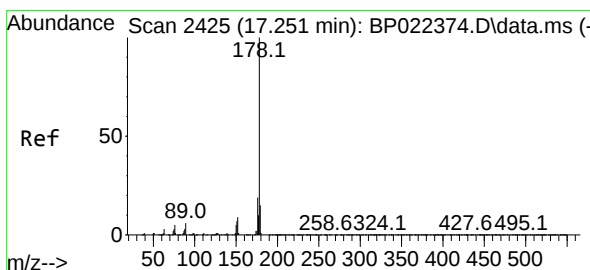
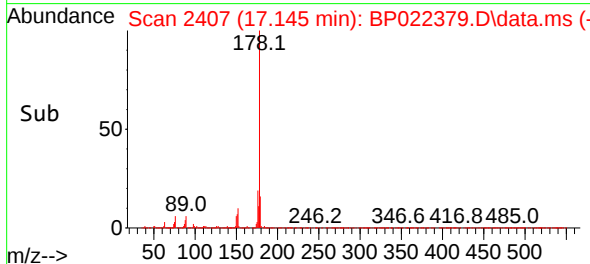
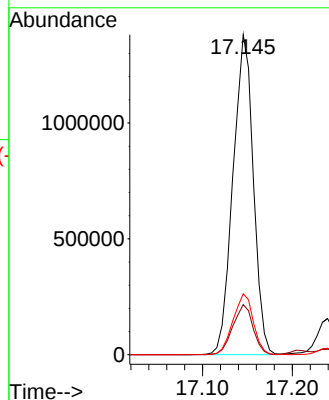
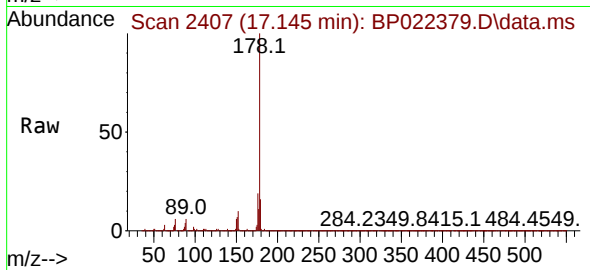
176 19.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/22/2024



#74

Anthracene

Concen: 6.035 ng/ul

RT: 17.239 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP022379.D

Acq: 15 Oct 2024 07:40

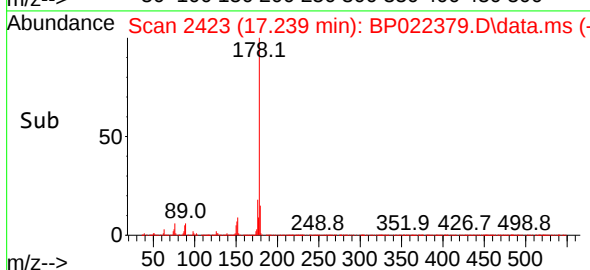
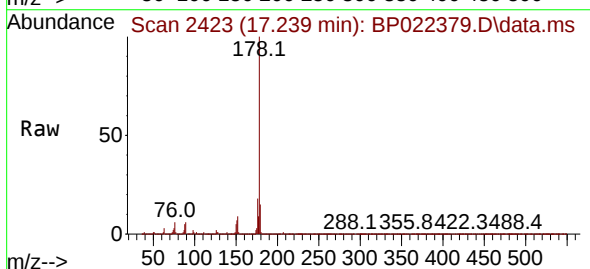
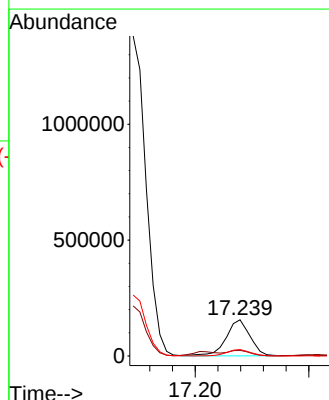
Tgt Ion:178 Resp: 227663

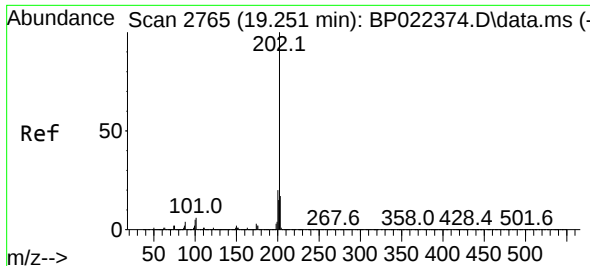
Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

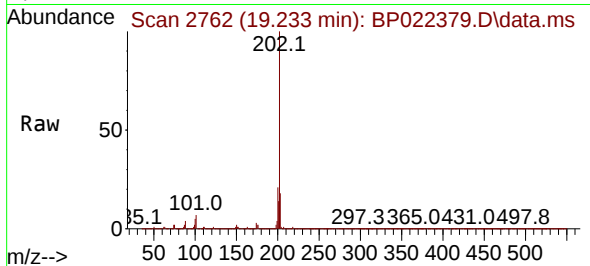
176 17.8 15.0 22.4





#80
Fluoranthene
Concen: 27.624 ng/u1
RT: 19.233 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP022379.D
Acq: 15 Oct 2024 07:40

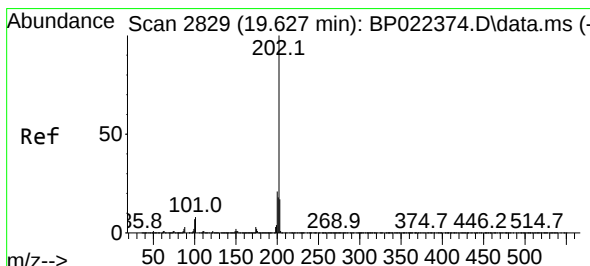
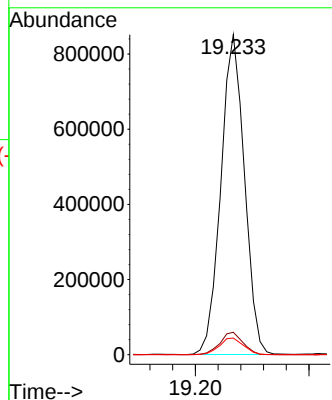
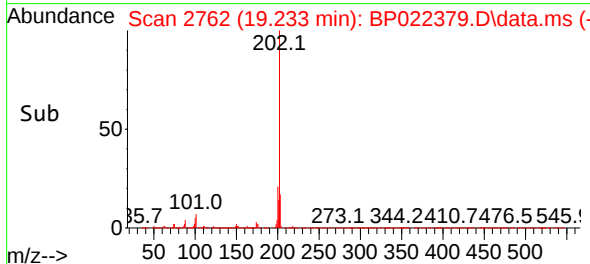
Instrument :
BNA_P
ClientSampleId :
DCYN5DL



Tgt Ion:202 Resp: 1227924
Ion Ratio Lower Upper
202 100
101 7.0 5.8 8.8
100 5.2 4.5 6.7

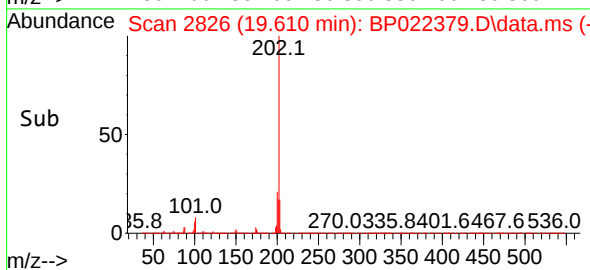
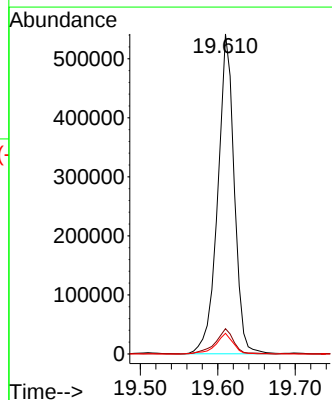
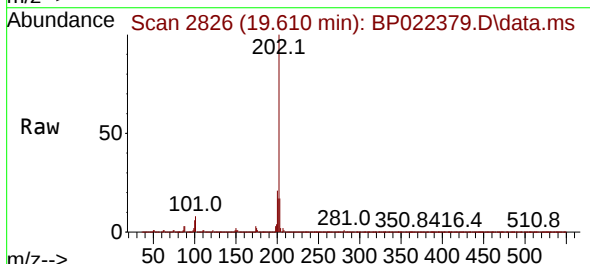
Manual Integrations
APPROVED

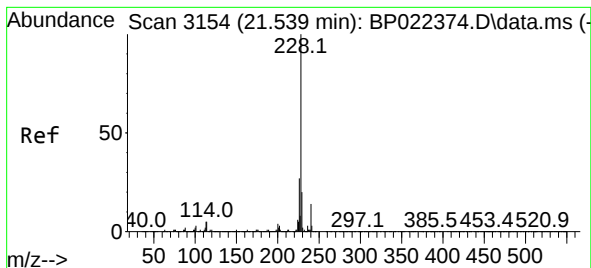
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#82
Pyrene
Concen: 16.849 ng/u1
RT: 19.610 min Scan# 2826
Delta R.T. -0.018 min
Lab File: BP022379.D
Acq: 15 Oct 2024 07:40

Tgt Ion:202 Resp: 802743
Ion Ratio Lower Upper
202 100
101 7.9 6.7 10.1
100 6.4 5.8 8.6





#85

Benzo(a)anthracene

Concen: 4.104 ng/u1

RT: 21.527 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BP022379.D

Acq: 15 Oct 2024 07:40

Instrument :

BNA_P

ClientSampleId :

DCYN5DL

Tgt Ion:228 Resp: 210389

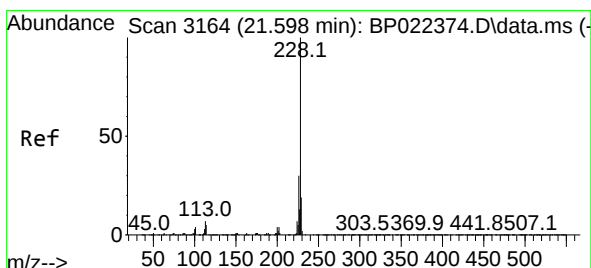
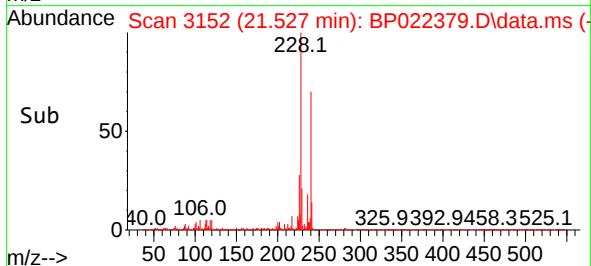
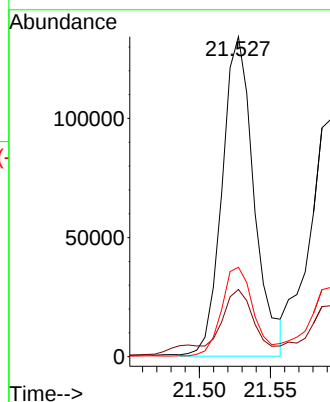
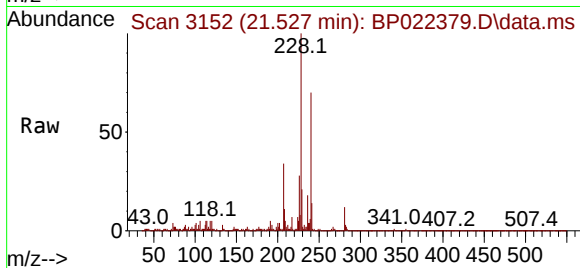
Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	28.0	21.5	32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/22/2024



#87

Chrysene

Concen: 3.469 ng/u1

RT: 21.592 min Scan# 3163

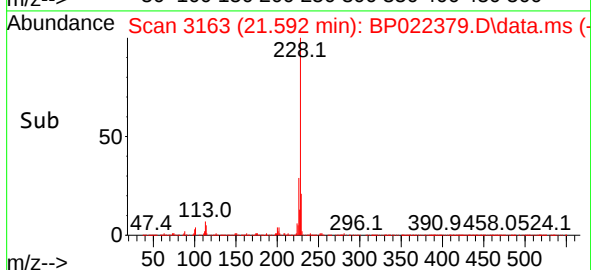
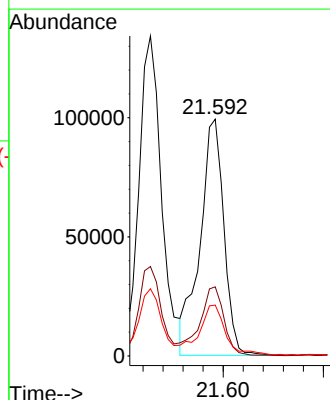
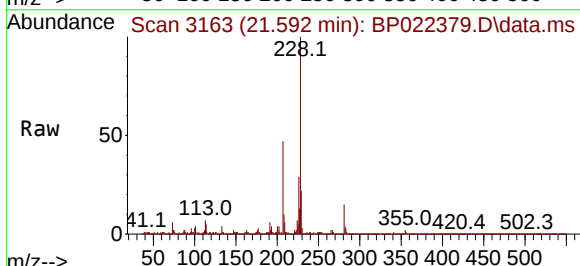
Delta R.T. -0.012 min

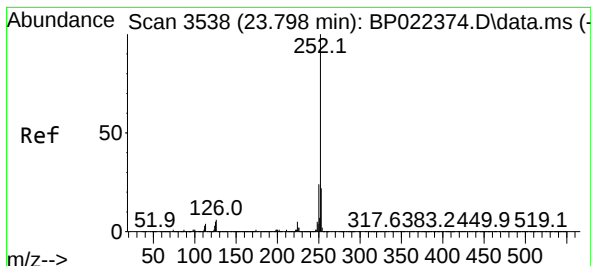
Lab File: BP022379.D

Acq: 15 Oct 2024 07:40

Tgt Ion:228 Resp: 164895

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	21.5	15.5	23.3





#90

Benzo(b)fluoranthene

Concen: 2.030 ng/u1

RT: 23.792 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP022379.D

Acq: 15 Oct 2024 07:40

Instrument :

BNA_P

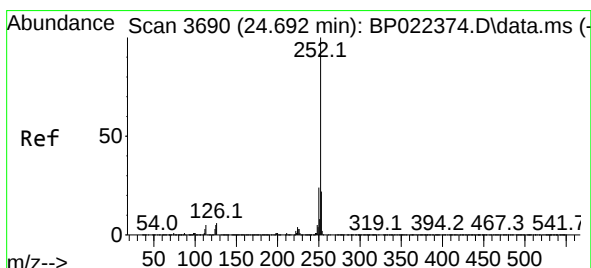
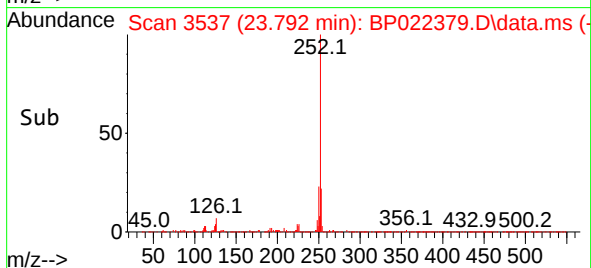
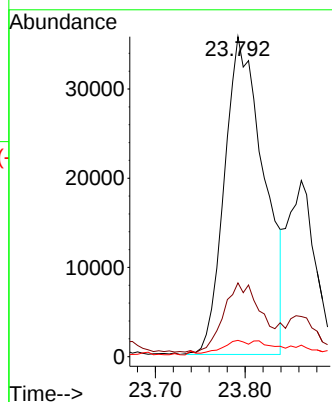
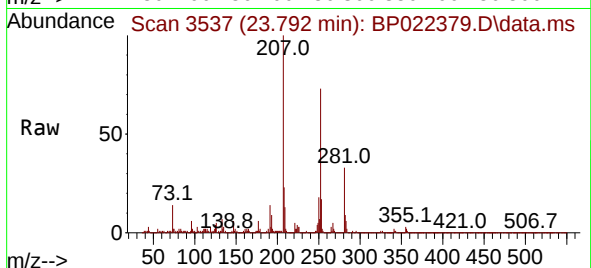
ClientSampleId :

DCYN5DL

Tgt Ion:252 Resp: 10881
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.8 26.8
 125 5.1 5.0 7.4

Manual Integrations
 APPROVED

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



#93

Benzo(a)pyrene

Concen: 1.178 ng/u1

RT: 24.680 min Scan# 3688

Delta R.T. -0.023 min

Lab File: BP022379.D

Acq: 15 Oct 2024 07:40

Tgt Ion:252 Resp: 58108
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 5.5 4.9 7.3

