

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022297.D
 Acq On : 09 Oct 2024 19:46
 Operator : RC/JU
 Sample : P4162-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EH9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 01:32:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	120605	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	473324	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	375184	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	911517	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	852951	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	1072744	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	3614	1.164	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.899	99	77090	7.593	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.046	67	50459	8.457	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	64495	8.953	ng/u1	0.00
15) 4-Methylphenol-d8	8.411	113	47484	5.861	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	31425	8.635	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	39006	9.257	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	76039	8.491	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	9520m	0.900	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	262841	8.817	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	293780	9.279	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	28678	5.735	ng/u1	0.02
60) Fluorene-d10	15.322	176	254975	9.862	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	27782	4.634	ng/u1	0.00
73) Anthracene-d10	17.210	188	414313	9.662	ng/u1	0.00
81) Pyrene-d10	19.604	212	385000	8.536	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.621	264	305454	5.332	ng/u1	0.02
Target Compounds					Qvalue	
16) Acetophenone	8.516	105	28470	2.128	ng/u1	95
50) Acenaphthylene	14.034	152	55143	1.678	ng/u1	98
72) Phenanthrene	17.151	178	592400	12.148	ng/u1	99
74) Anthracene	17.245	178	119812	2.462	ng/u1	98
77) Carbazole	17.522	167	65661	1.525	ng/u1	100
80) Fluoranthene	19.251	202	1867825	36.021	ng/u1	100
82) Pyrene	19.628	202	1108066	19.937	ng/u1	99
83) Butylbenzylphthalate	20.575	149	20871	1.079	ng/u1	87
85) Benzo(a)anthracene	21.527	228	788613	13.189	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.469	149	239732	8.631	ng/u1	99
87) Chrysene	21.592	228	1028448	18.549	ng/u1	98
90) Benzo(b)fluoranthene	23.821	252	1624292	24.055	ng/u1	99
91) Benzo(k)fluoranthene	23.874	252	588245	8.898	ng/u1	96
93) Benzo(a)pyrene	24.704	252	428145	6.889	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.598	276	538756	6.496	ng/u1	98
95) Dibenzo(a,h)anthracene	28.651	278	218563m	3.255	ng/u1	

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

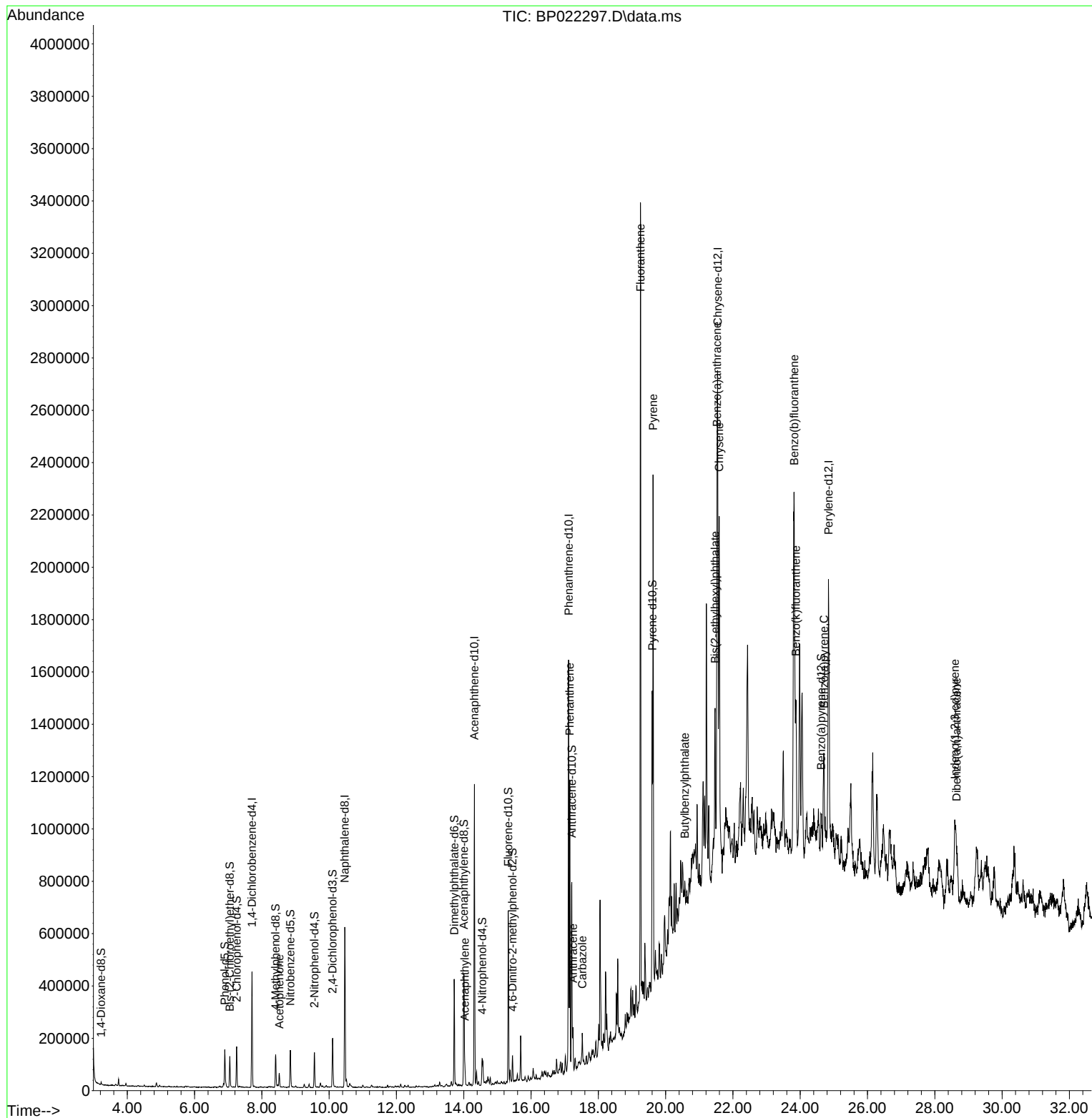
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022297.D
Acq On : 09 Oct 2024 19:46
Operator : RC/JU
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ALS Vial : 15 Sample Multiplier: 1

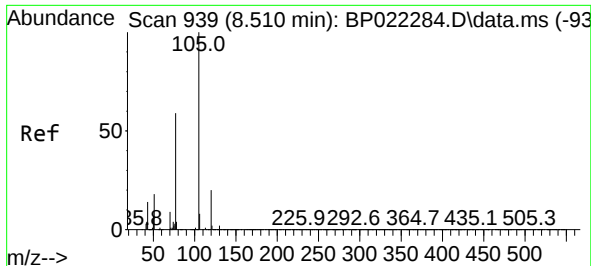
Instrument :
BNA_P
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Quant Time: Oct 10 01:32:54 2024
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Quant Title : SVOA CALIBRATION
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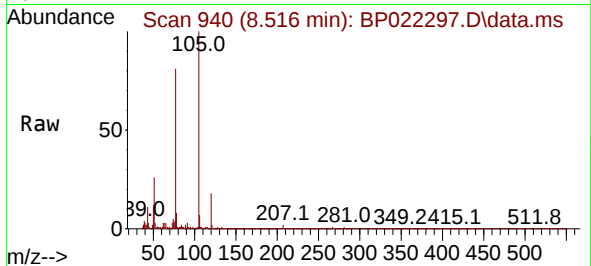
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024





#16
Acetophenone
Concen: 2.128 ng/ul
RT: 8.516 min Scan# 940
Delta R.T. 0.006 min
Lab File: BP022297.D
Acq: 09 Oct 2024 19:46

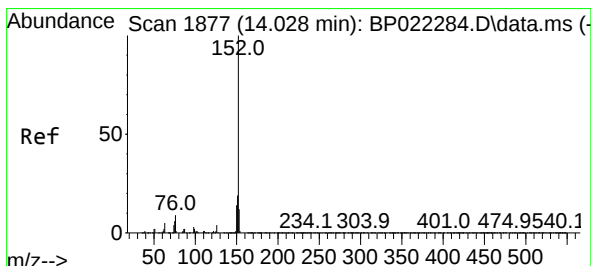
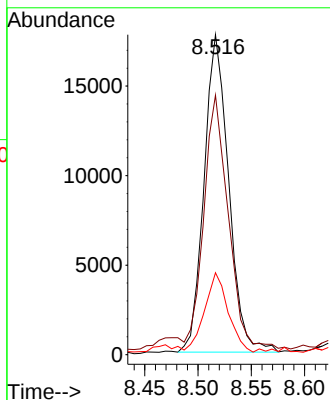
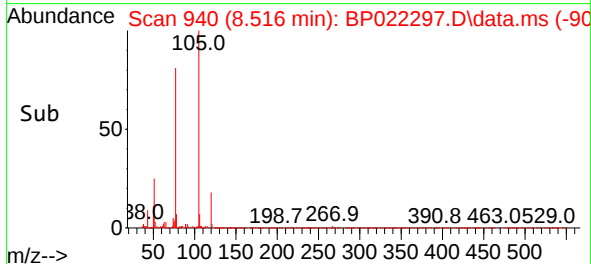
Instrument :
BNA_P
ClientSampleId :
A4EH9



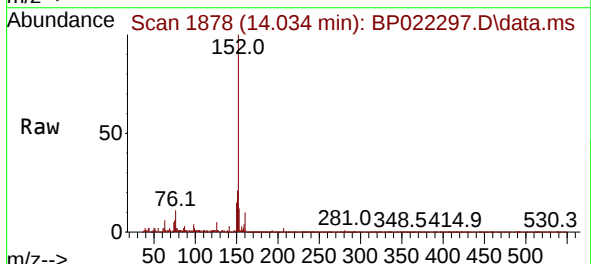
Tgt Ion:105 Resp: 28470
Ion Ratio Lower Upper
105 100
77 81.1 69.0 103.4
51 25.6 22.6 33.8

Manual Integrations
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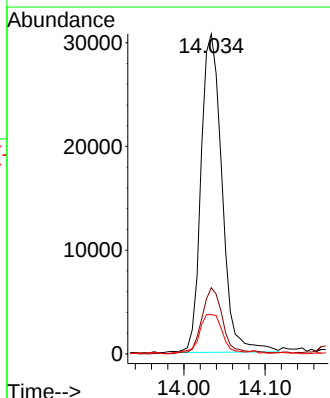
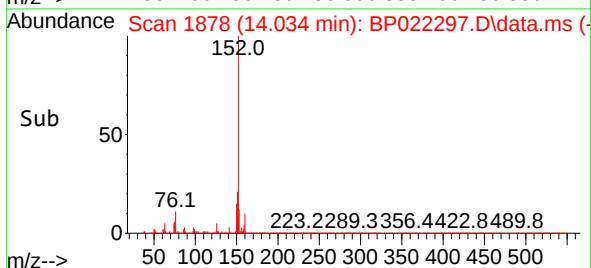
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

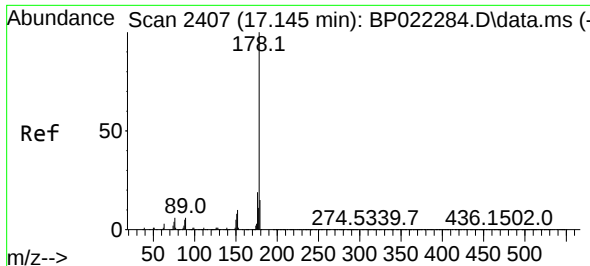


#50
Acenaphthylene
Concen: 1.678 ng/ul
RT: 14.034 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BP022297.D
Acq: 09 Oct 2024 19:46



Tgt Ion:152 Resp: 55143
Ion Ratio Lower Upper
152 100
151 20.7 15.8 23.6
153 12.3 10.3 15.5





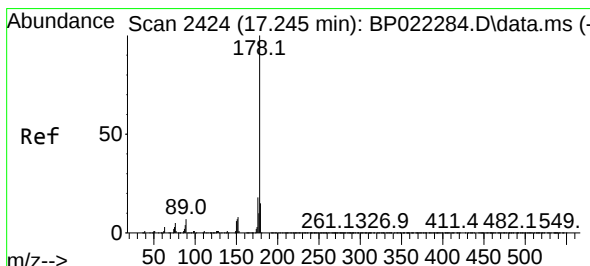
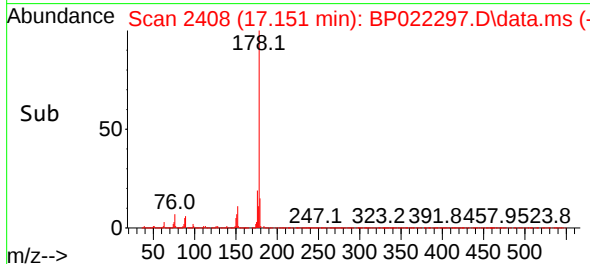
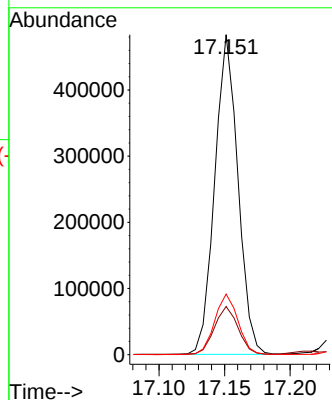
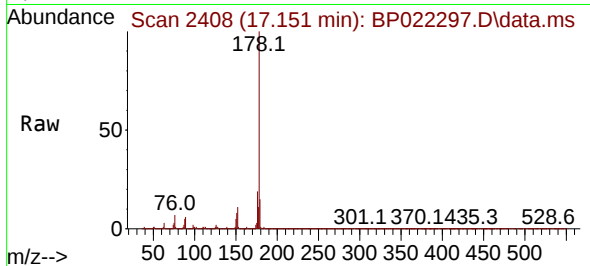
#72
Phenanthrene
Concen: 12.148 ng/ul
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP022297.D
Acq: 09 Oct 2024 19:46

Instrument :
BNA_P
ClientSampleId :
A4EH9

Tgt Ion:178 Resp: 592400
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.4
176 18.9 15.7 23.5

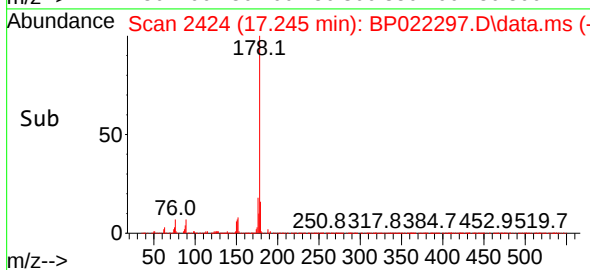
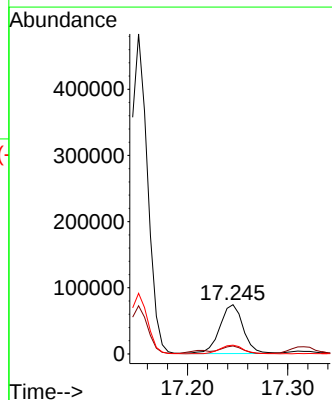
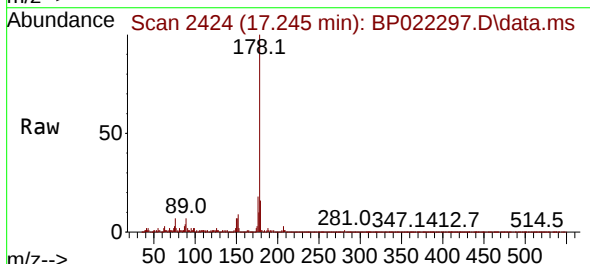
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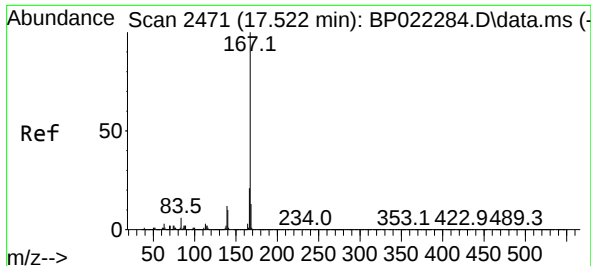
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#74
Anthracene
Concen: 2.462 ng/ul
RT: 17.245 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP022297.D
Acq: 09 Oct 2024 19:46

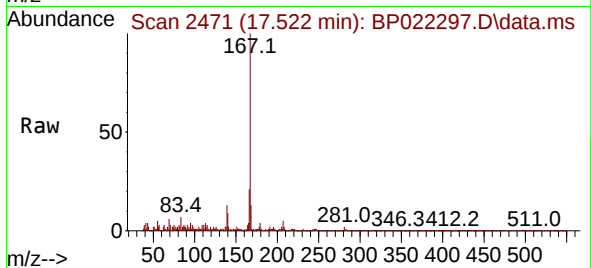
Tgt Ion:178 Resp: 119812
Ion Ratio Lower Upper
178 100
179 16.2 12.0 18.0
176 17.8 15.0 22.4





#77
 Carbazole
 Concen: 1.525 ng/ul
 RT: 17.522 min Scan# 2471
 Delta R.T. -0.018 min
 Lab File: BP022297.D
 Acq: 09 Oct 2024 19:46

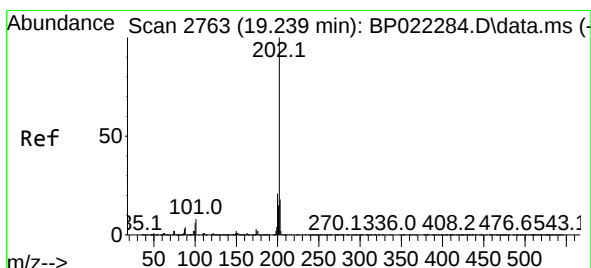
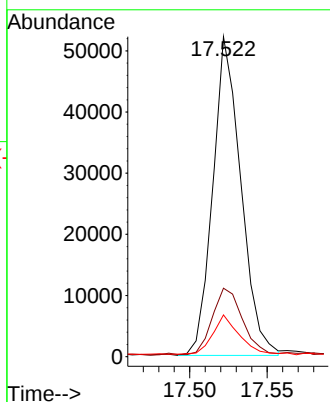
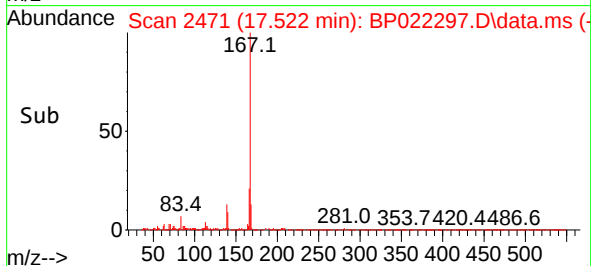
Instrument :
 BNA_P
 ClientSampleId :
 A4EH9



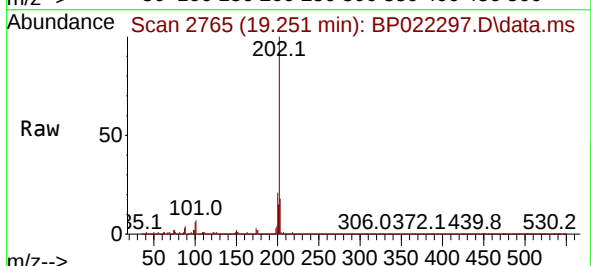
Tgt Ion:167 Resp: 6566
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.1 10.3 15.5

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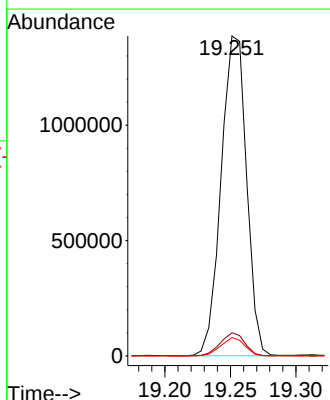
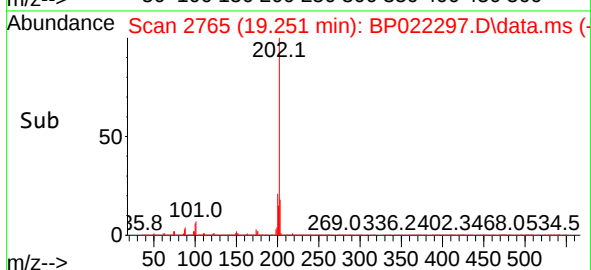
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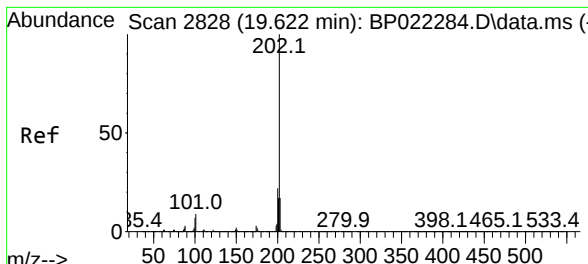


#80
 Fluoranthene
 Concen: 36.021 ng/ul
 RT: 19.251 min Scan# 2765
 Delta R.T. 0.006 min
 Lab File: BP022297.D
 Acq: 09 Oct 2024 19:46



Tgt Ion:202 Resp: 1867825
 Ion Ratio Lower Upper
 202 100
 101 7.3 5.8 8.8
 100 5.8 4.5 6.7





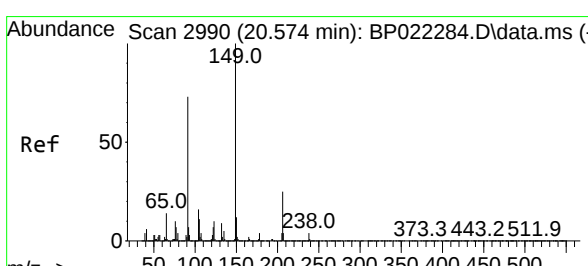
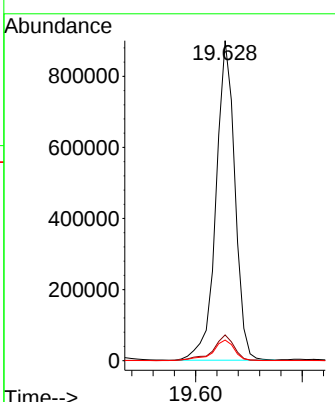
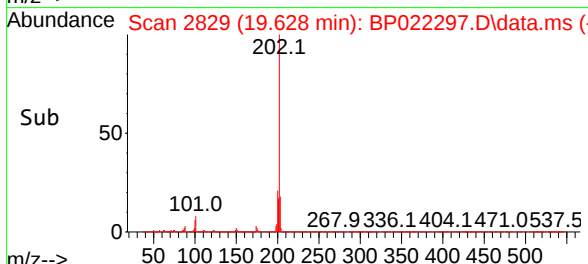
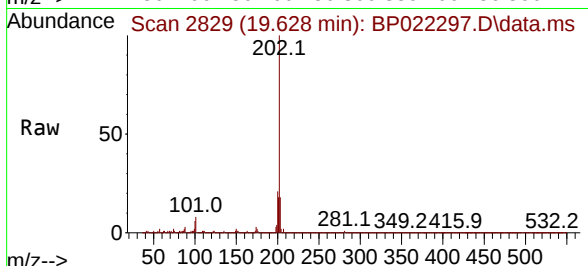
#82
 Pyrene
 Concen: 19.937 ng/ul
 RT: 19.628 min Scan# 2828
 Delta R.T. 0.006 min
 Lab File: BP022297.D
 Acq: 09 Oct 2024 19:46

Instrument : BNA_P
 ClientSampleId : A4EH9

Tgt Ion: 202 Resp: 110806

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.7	10.1
100	6.5	5.8	8.6

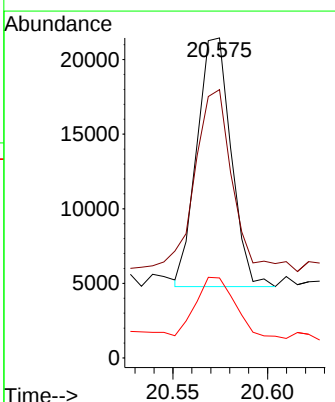
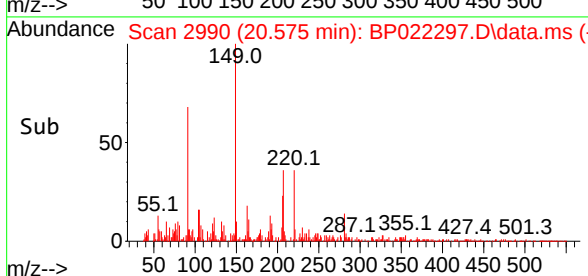
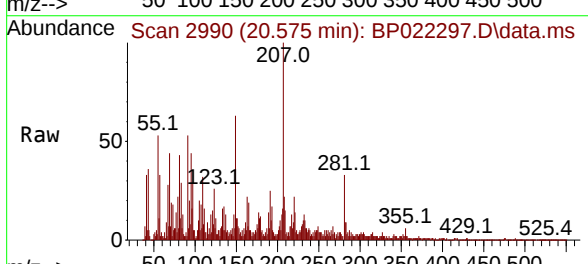
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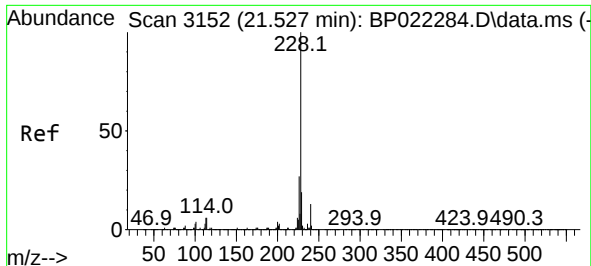


#83
 Butylbenzylphthalate
 Concen: 1.079 ng/ul
 RT: 20.575 min Scan# 2990
 Delta R.T. 0.000 min
 Lab File: BP022297.D
 Acq: 09 Oct 2024 19:46

Tgt Ion: 149 Resp: 20871

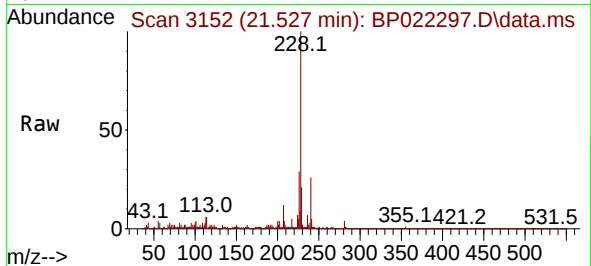
Ion	Ratio	Lower	Upper
149	100		
91	83.8	56.6	84.8
206	25.0	18.6	27.8





#85
Benzo(a)anthracene
Concen: 13.189 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BP022297.D
Acq: 09 Oct 2024 19:46

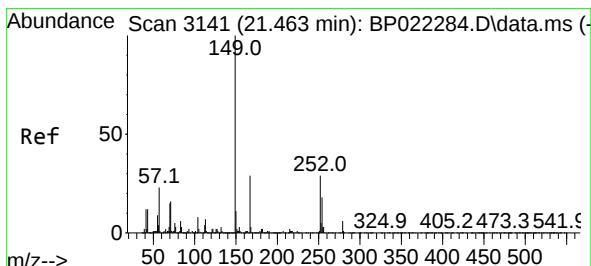
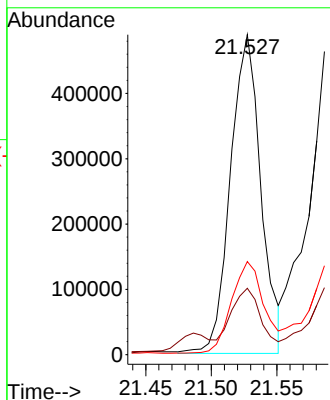
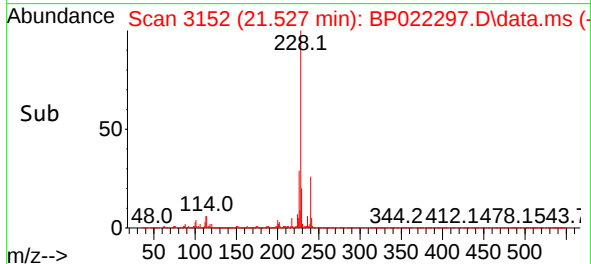
Instrument :
BNA_P
ClientSampleId :
A4EH9



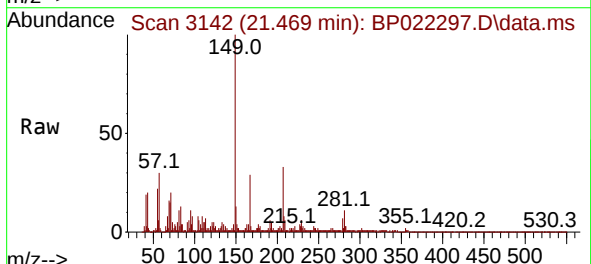
Tgt Ion:228 Resp: 788611
Ion Ratio Lower Upper
228 100
229 20.7 15.4 23.0
226 29.1 21.5 32.3

Manual Integrations
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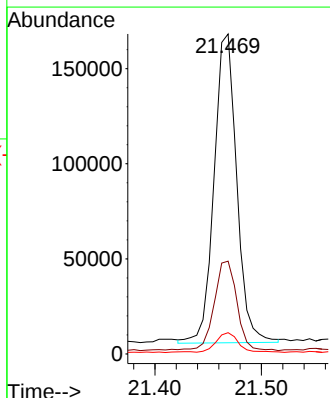
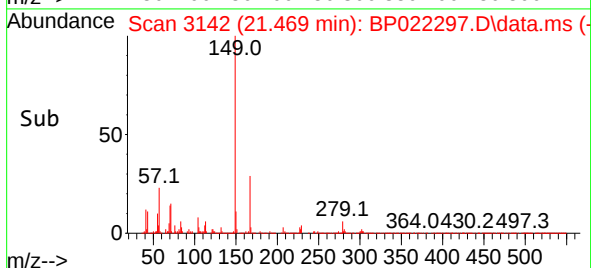
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

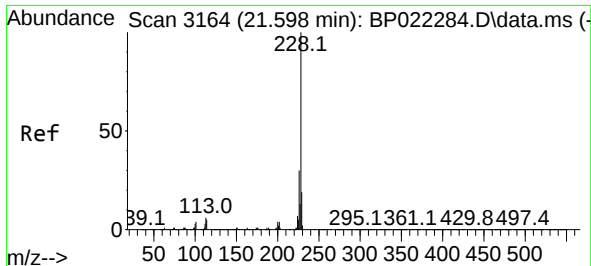


#86
Bis(2-ethylhexyl)phthalate
Concen: 8.631 ng/ul
RT: 21.469 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BP022297.D
Acq: 09 Oct 2024 19:46



Tgt Ion:149 Resp: 239732
Ion Ratio Lower Upper
149 100
167 29.0 23.0 34.4
279 6.6 4.8 7.2





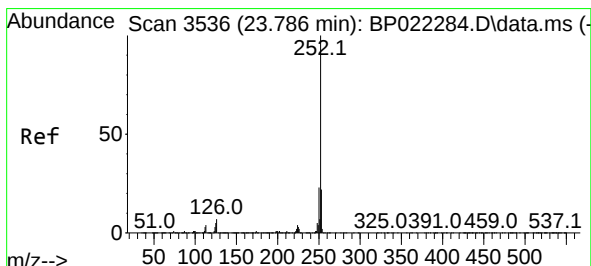
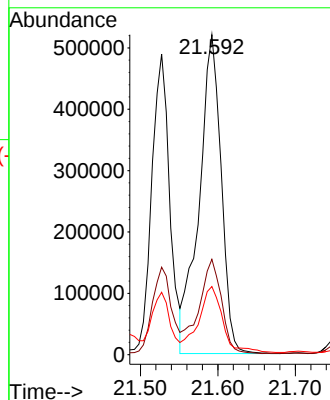
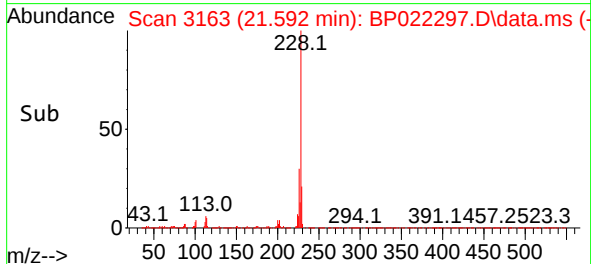
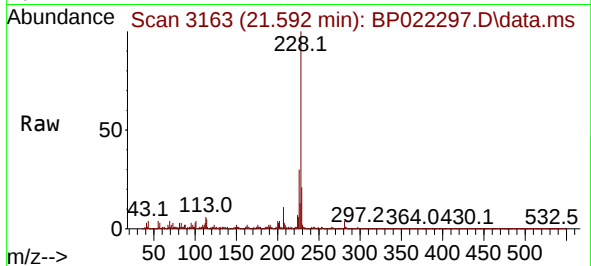
#87
Chrysene
Concen: 18.549 ng/ul
RT: 21.592 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP022297.D
Acq: 09 Oct 2024 19:46

Instrument :
BNA_P
ClientSampleId :
A4EH9

Tgt Ion:228 Resp: 102844
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 21.3 15.5 23.3

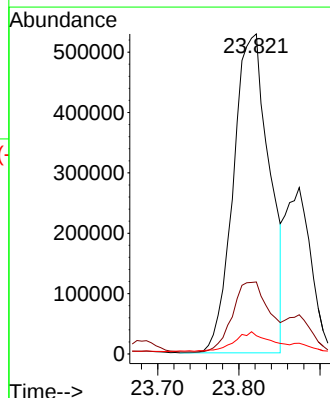
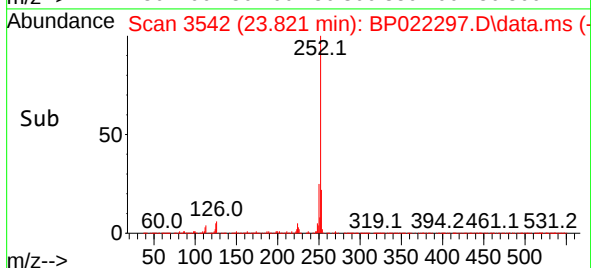
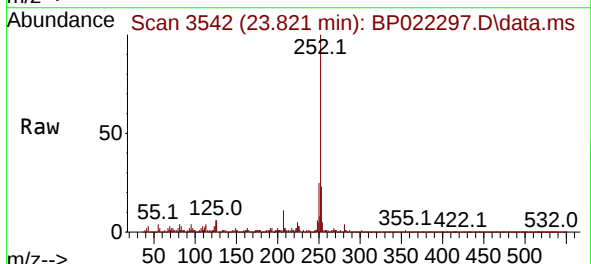
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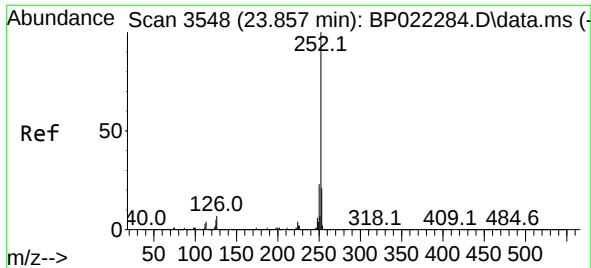
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#90
Benzo(b)fluoranthene
Concen: 24.055 ng/ul
RT: 23.821 min Scan# 3542
Delta R.T. 0.035 min
Lab File: BP022297.D
Acq: 09 Oct 2024 19:46

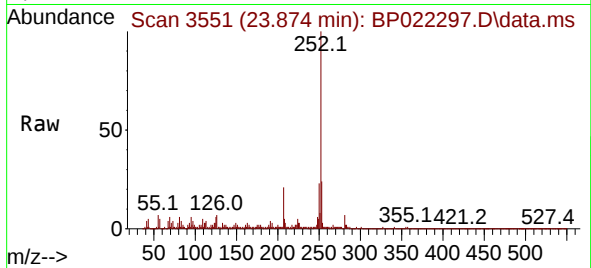
Tgt Ion:252 Resp: 1624292
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 5.7 5.0 7.4





#91
Benzo(k)fluoranthene
Concen: 8.898 ng/ul
RT: 23.874 min Scan# 3548
Delta R.T. 0.018 min
Lab File: BP022297.D
Acq: 09 Oct 2024 19:46

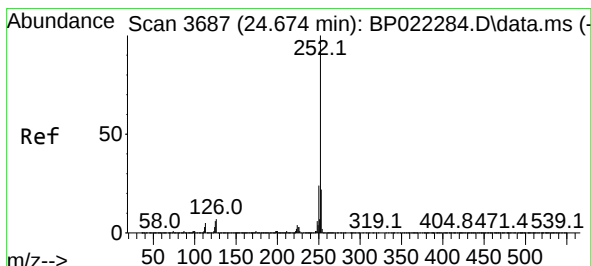
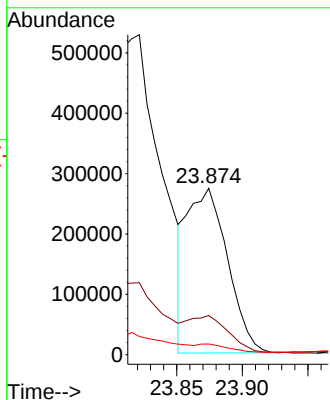
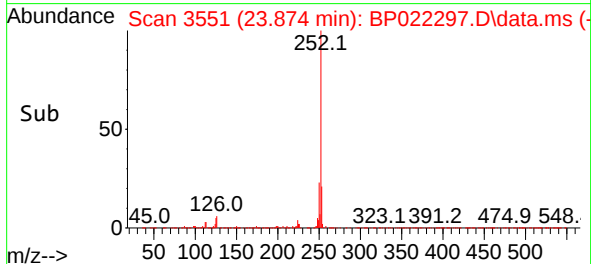
Instrument :
BNA_P
ClientSampleId :
A4EH9



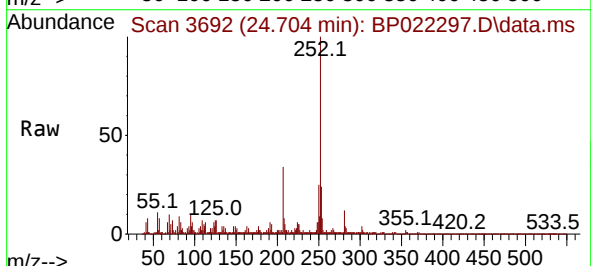
Tgt Ion:252 Resp: 588245
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 6.4 4.6 6.8

Manual Integrations
APPROVED

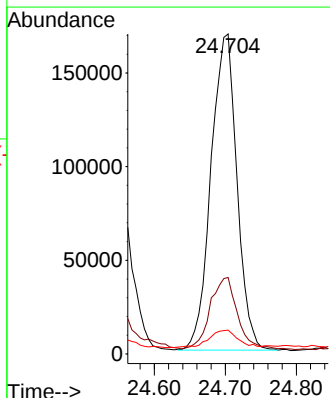
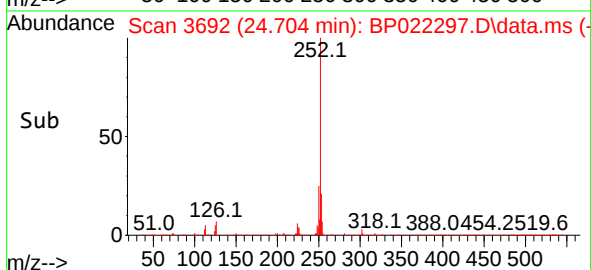
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

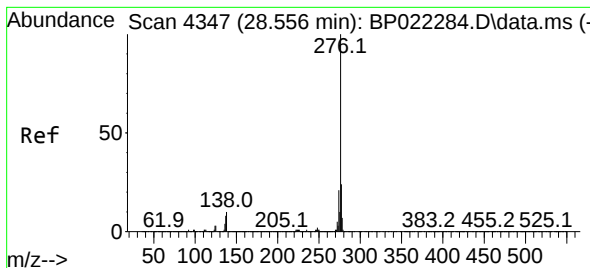


#93
Benzo(a)pyrene
Concen: 6.889 ng/ul
RT: 24.704 min Scan# 3692
Delta R.T. 0.029 min
Lab File: BP022297.D
Acq: 09 Oct 2024 19:46



Tgt Ion:252 Resp: 428145
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 7.5 4.9 7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.496 ng/ul

RT: 28.598 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP022297.D

Acq: 09 Oct 2024 19:46

Instrument :

BNA_P

ClientSampleId :

A4EH9

Tgt Ion:276 Resp: 538750

Ion Ratio Lower Upper

276 100

138 10.9 9.1 13.7

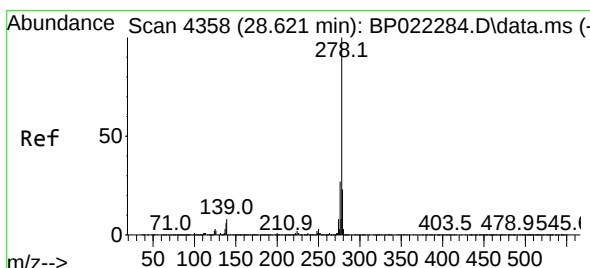
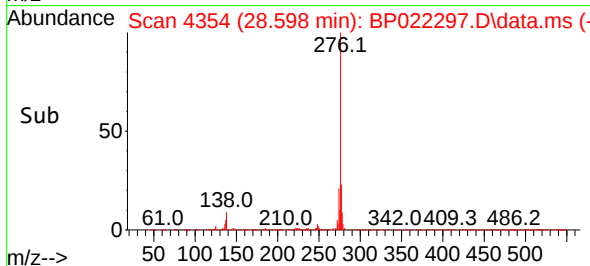
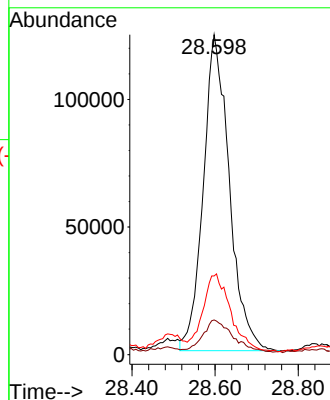
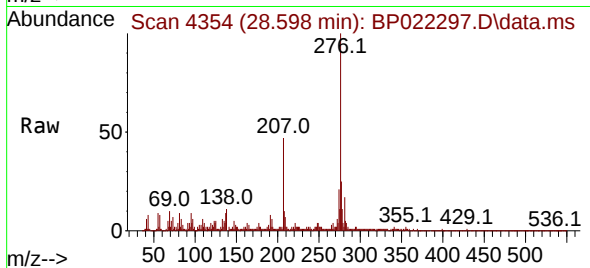
277 24.6 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/11/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.255 ng/ul m

RT: 28.651 min Scan# 4363

Delta R.T. 0.018 min

Lab File: BP022297.D

Acq: 09 Oct 2024 19:46

Tgt Ion:278 Resp: 218563

Ion Ratio Lower Upper

278 100

139 11.3 7.3 10.9#

279 32.7 19.0 28.4#

