

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022887.D
 Acq On : 06 Nov 2024 10:26
 Operator : RC/JU
 Sample : P4581-24
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EB7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 06 23:34:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 00:31:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	85379	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	321484	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	249150	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	602133	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	694952	20.000	ng/u1	0.00
88) Perylene-d12	24.751	264	855201	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	6620m	3.013	ng/uL	0.00
4) Pyridine-d5	3.587	84	96174	15.945	ng/u1	0.00
7) Phenol-d5	6.822	99	141781	19.728	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	79126	18.732	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	108525	21.281	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	116251	20.269	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	53578	21.675	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	64364	22.491	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	134021	22.034	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	129526	18.022	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	406175	20.519	ng/u1	-0.01
49) Acenaphthylene-d8	13.934	160	455500	21.665	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	45960	13.839	ng/u1	0.01
60) Fluorene-d10	15.257	176	371276	21.624	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	30903	7.804	ng/u1	-0.01
73) Anthracene-d10	17.157	188	609639	21.522	ng/u1	0.00
81) Pyrene-d10	19.527	212	752999	20.490	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.527	264	946451	20.723	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.098	178	141333	4.387	ng/u1	99
78) Di-n-butylphthalate	18.051	149	38138	1.212	ng/u1	99
80) Fluoranthene	19.180	202	198520	4.699	ng/u1	98
82) Pyrene	19.563	202	203143	4.486	ng/u1#	96
85) Benzo(a)anthracene	21.474	228	99553	2.043	ng/u1	98
87) Chrysene	21.539	228	103798	2.298	ng/u1	97
90) Benzo(b)fluoranthene	23.727	252	139069	2.583	ng/u1	98
93) Benzo(a)pyrene	24.592	252	97493	1.968	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.427	276	68783m	1.040	ng/u1	
96) Benzo(g,h,i)perylene	29.592	276	68884m	1.339	ng/u1	

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

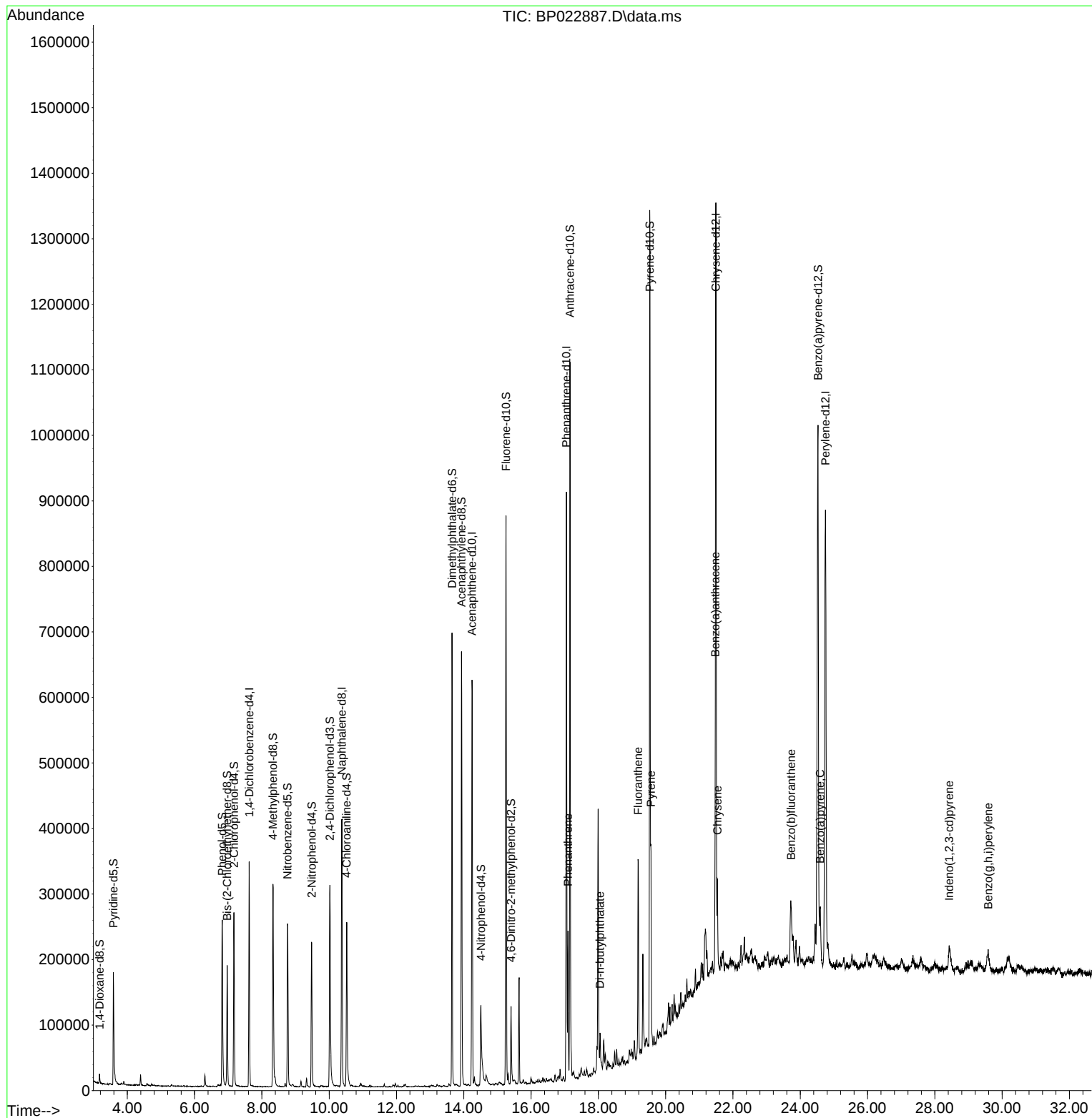
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022887.D
Acq On : 06 Nov 2024 10:26
Operator : RC/JU
Sample : P4581-24
Misc :
ALS Vial : 34 Sample Multiplier: 1

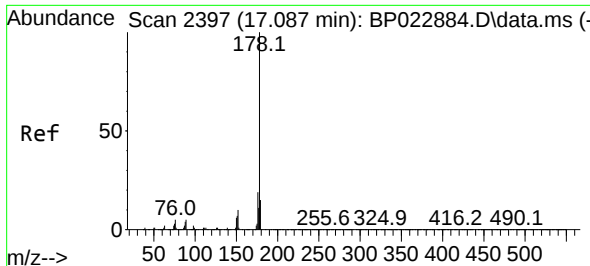
Instrument :
BNA_P
ClientSampleId :
A4EB7

Quant Time: Nov 06 23:34:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 00:31:03 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

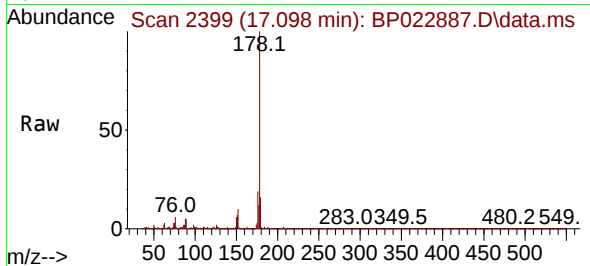
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024





#72
Phenanthrene
Concen: 4.387 ng/ul
RT: 17.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP022887.D
Acq: 06 Nov 2024 10:26

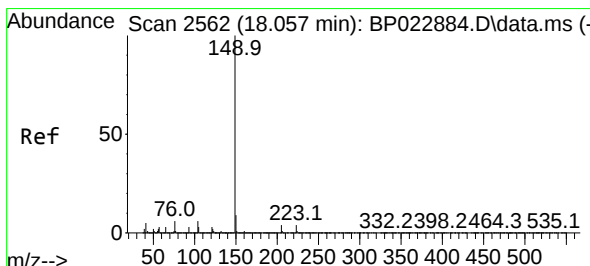
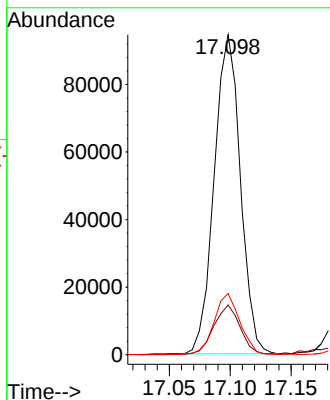
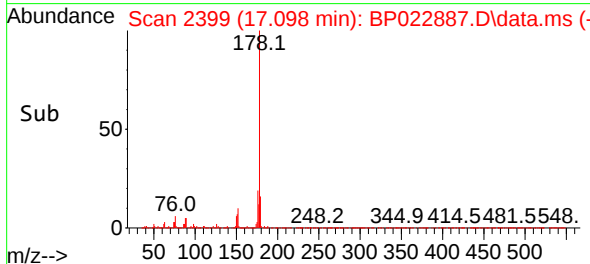
Instrument :
BNA_P
ClientSampleId :
A4EB7



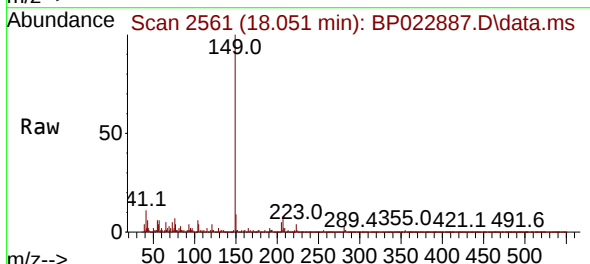
Tgt Ion:178 Resp: 14133
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.1 15.7 23.5

Manual Integrations
APPROVED

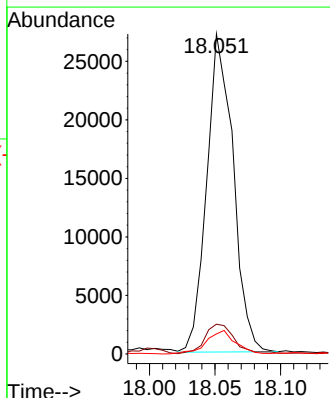
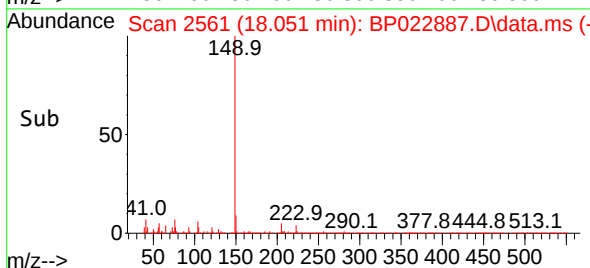
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

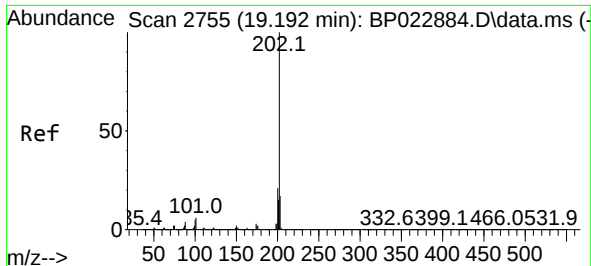


#78
Di-n-butylphthalate
Concen: 1.212 ng/ul
RT: 18.051 min Scan# 2561
Delta R.T. -0.006 min
Lab File: BP022887.D
Acq: 06 Nov 2024 10:26



Tgt Ion:149 Resp: 38138
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 6.2 4.8 7.2





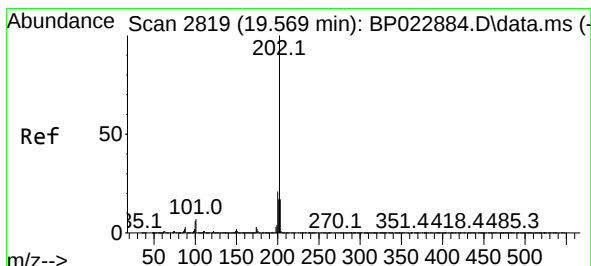
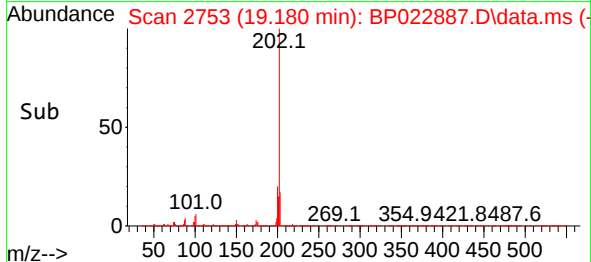
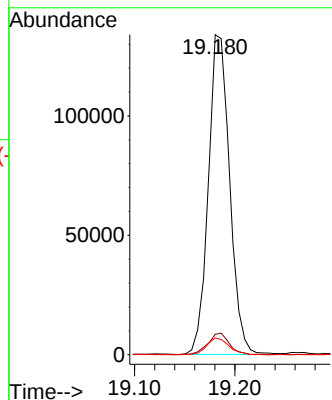
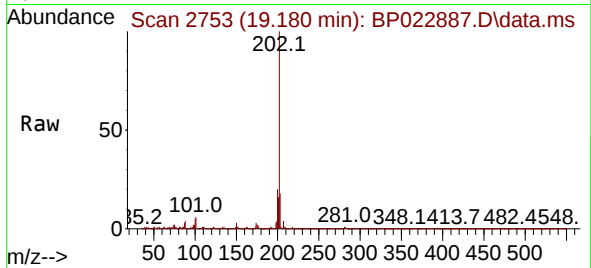
#80
Fluoranthene
Concen: 4.699 ng/u1
RT: 19.180 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP022887.D
Acq: 06 Nov 2024 10:26

Instrument :
BNA_P
ClientSampleId :
A4EB7

Tgt Ion:202 Resp: 198520
Ion Ratio Lower Upper
202 100
101 6.3 5.8 8.8
100 5.3 4.5 6.7

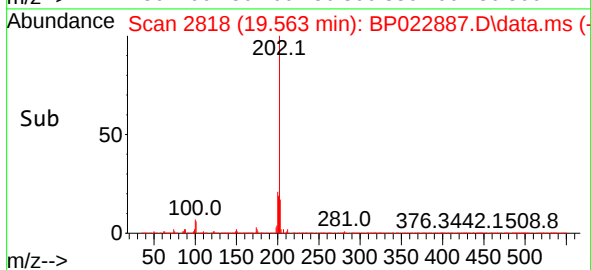
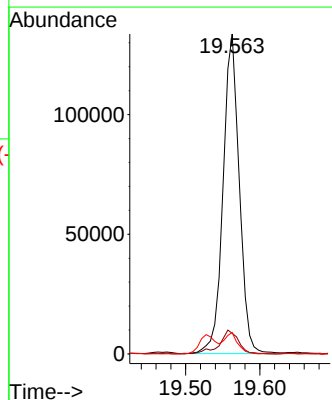
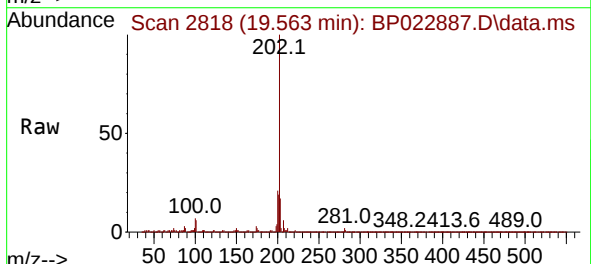
Manual Integrations
APPROVED

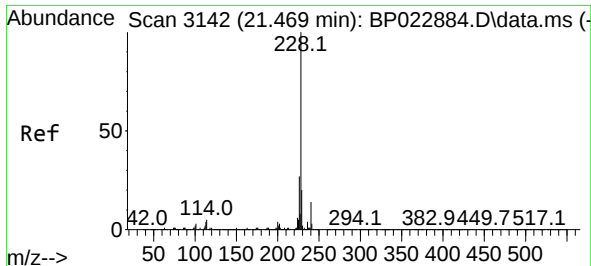
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#82
Pyrene
Concen: 4.486 ng/u1
RT: 19.563 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP022887.D
Acq: 06 Nov 2024 10:26

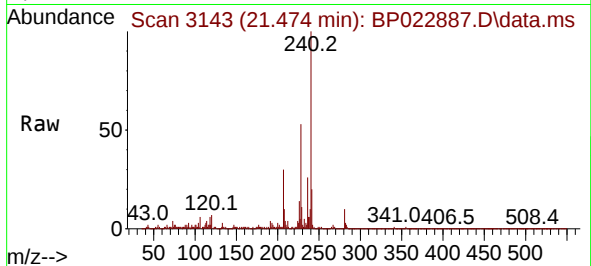
Tgt Ion:202 Resp: 203143
Ion Ratio Lower Upper
202 100
101 6.5 6.7 10.1#
100 6.7 5.8 8.6





#85
Benzo(a)anthracene
Concen: 2.043 ng/ul
RT: 21.474 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BP022887.D
Acq: 06 Nov 2024 10:26

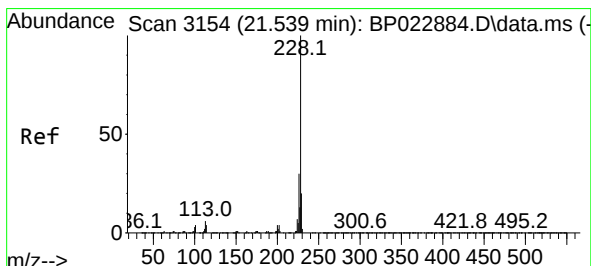
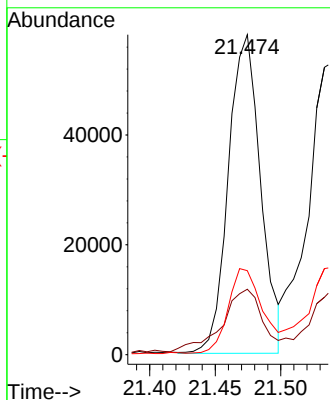
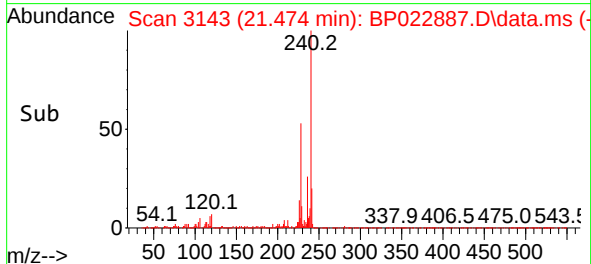
Instrument :
BNA_P
ClientSampleId :
A4EB7



Tgt Ion:228 Resp: 9955
Ion Ratio Lower Upper
228 100
229 20.5 15.4 23.0
226 26.2 21.5 32.3

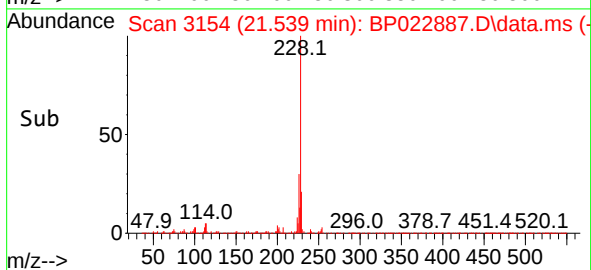
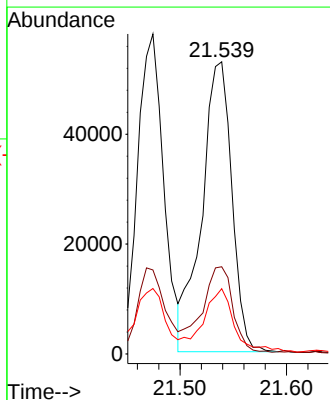
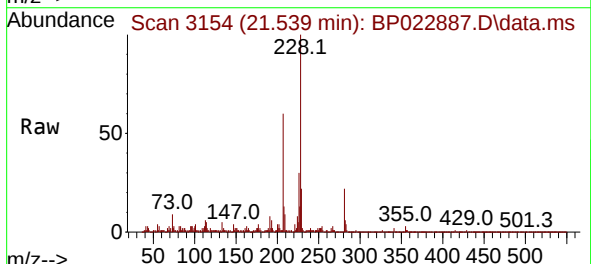
Manual Integrations
APPROVED

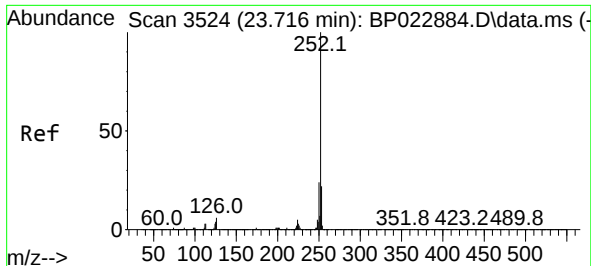
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#87
Chrysene
Concen: 2.298 ng/ul
RT: 21.539 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BP022887.D
Acq: 06 Nov 2024 10:26

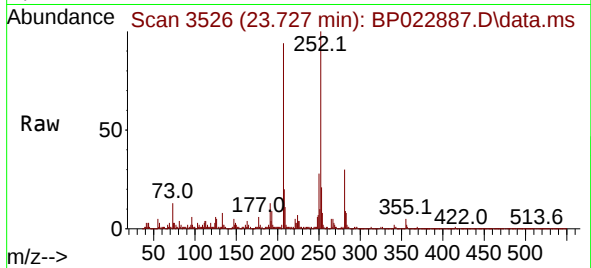
Tgt Ion:228 Resp: 103798
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 22.3 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.583 ng/u1
RT: 23.727 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP022887.D
Acq: 06 Nov 2024 10:26

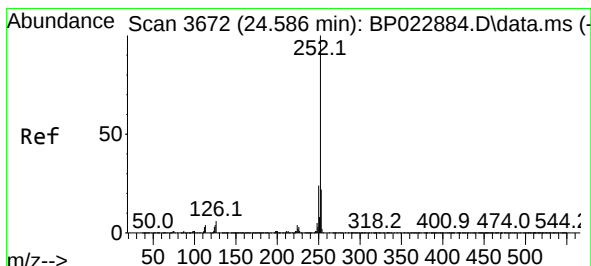
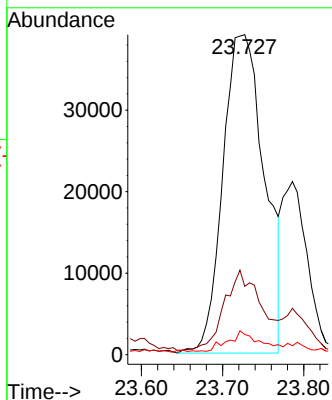
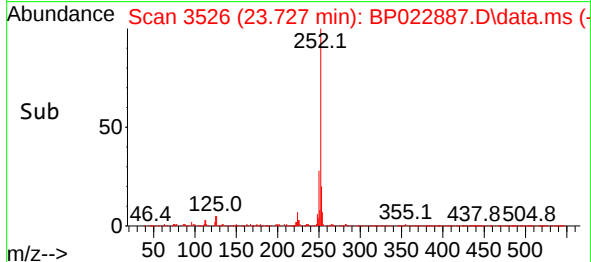
Instrument :
BNA_P
ClientSampleId :
A4EB7



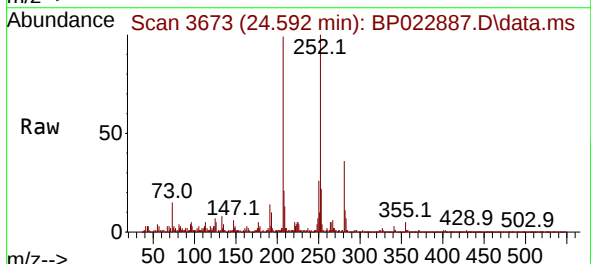
Tgt Ion:252 Resp: 139069
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 6.3 5.0 7.4

Manual Integrations
APPROVED

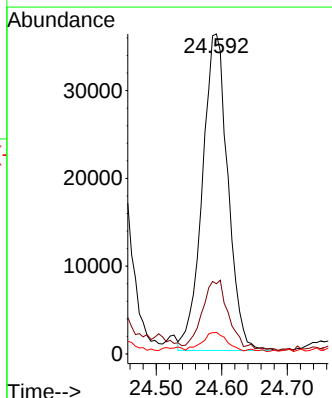
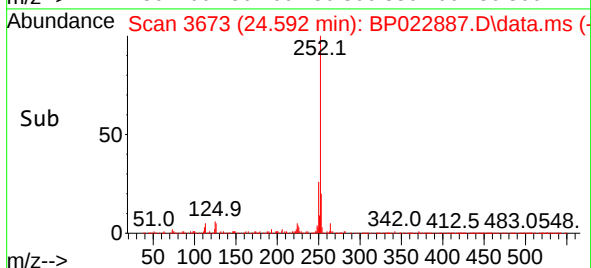
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

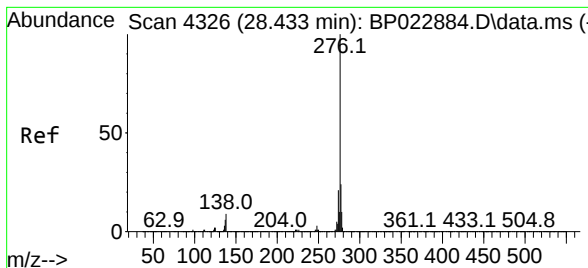


#93
Benzo(a)pyrene
Concen: 1.968 ng/u1
RT: 24.592 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BP022887.D
Acq: 06 Nov 2024 10:26



Tgt Ion:252 Resp: 97493
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 6.8 4.9 7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.040 ng/ul m

RT: 28.427 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP022887.D

Acq: 06 Nov 2024 10:26

Instrument :

BNA_P

ClientSampleId :

A4EB7

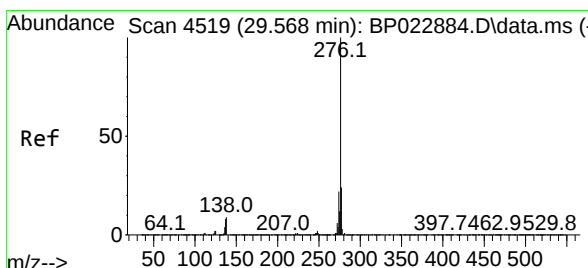
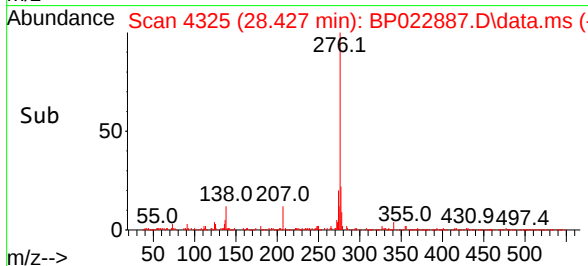
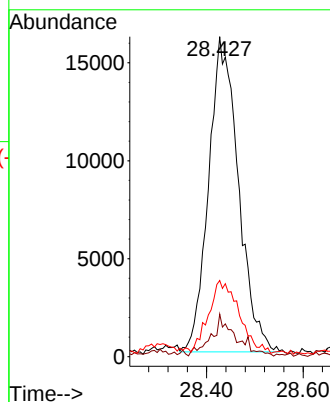
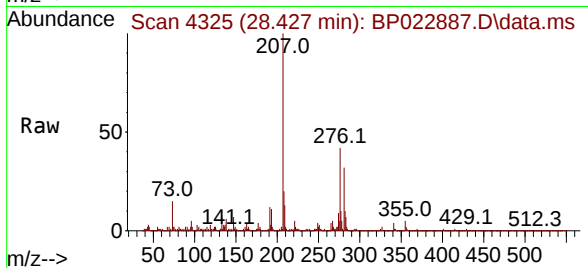
Tgt Ion:	276	Resp:	6878
Ion Ratio	Lower	Upper	
276	100		
138	13.3	9.1	13.7
277	23.8	18.6	27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#96

Benzo(g,h,i)perylene

Concen: 1.339 ng/ul m

RT: 29.592 min Scan# 4523

Delta R.T. 0.018 min

Lab File: BP022887.D

Acq: 06 Nov 2024 10:26

Tgt Ion:	276	Resp:	68884
Ion Ratio	Lower	Upper	
276	100		
138	7.2	8.5	12.7#
277	24.7	19.0	28.4

