

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022576.D
 Acq On : 23 Oct 2024 23:39
 Operator : RC/JU
 Sample : P4415-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F69

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 02:06:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	140265	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	528716	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	400307	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	917312	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	921926	20.000	ng/u1	0.02
88) Perylene-d12	24.786	264	1075401	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	4188	1.160	ng/uL	0.00
4) Pyridine-d5	3.628	84	9702	0.979	ng/u1	0.02
7) Phenol-d5	6.852	99	82116	6.955	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	50719	7.309	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	62672	7.481	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	61229	6.498	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	29167	7.175	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	34056	7.236	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	70080	7.006	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	56594	4.788	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	235543	7.406	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	246145	7.287	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	21939m	4.112	ng/u1	0.03
60) Fluorene-d10	15.292	176	208101	7.543	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	16423	2.722	ng/u1	0.01
73) Anthracene-d10	17.175	188	338282	7.839	ng/u1	0.00
81) Pyrene-d10	19.557	212	356644	7.315	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.563	264	290978	5.066	ng/u1	0.04
Target Compounds						
					Qvalue	
16) Acetophenone	8.469	105	45142	2.902	ng/u1	97
61) Fluorene	15.351	166	35067	1.156	ng/u1	98
72) Phenanthrene	17.128	178	435746	8.879	ng/u1	99
74) Anthracene	17.204	178	129927	2.653	ng/u1	98
80) Fluoranthene	19.216	202	564157	10.066	ng/u1	99
82) Pyrene	19.592	202	391604	6.519	ng/u1	99
85) Benzo(a)anthracene	21.498	228	258834	4.005	ng/u1	99
87) Chrysene	21.557	228	221316	3.693	ng/u1	96
90) Benzo(b)fluoranthene	23.745	252	259332	3.831	ng/u1	99
91) Benzo(k)fluoranthene	23.804	252	103572m	1.563	ng/u1	
93) Benzo(a)pyrene	24.621	252	107942	1.733	ng/u1#	95

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

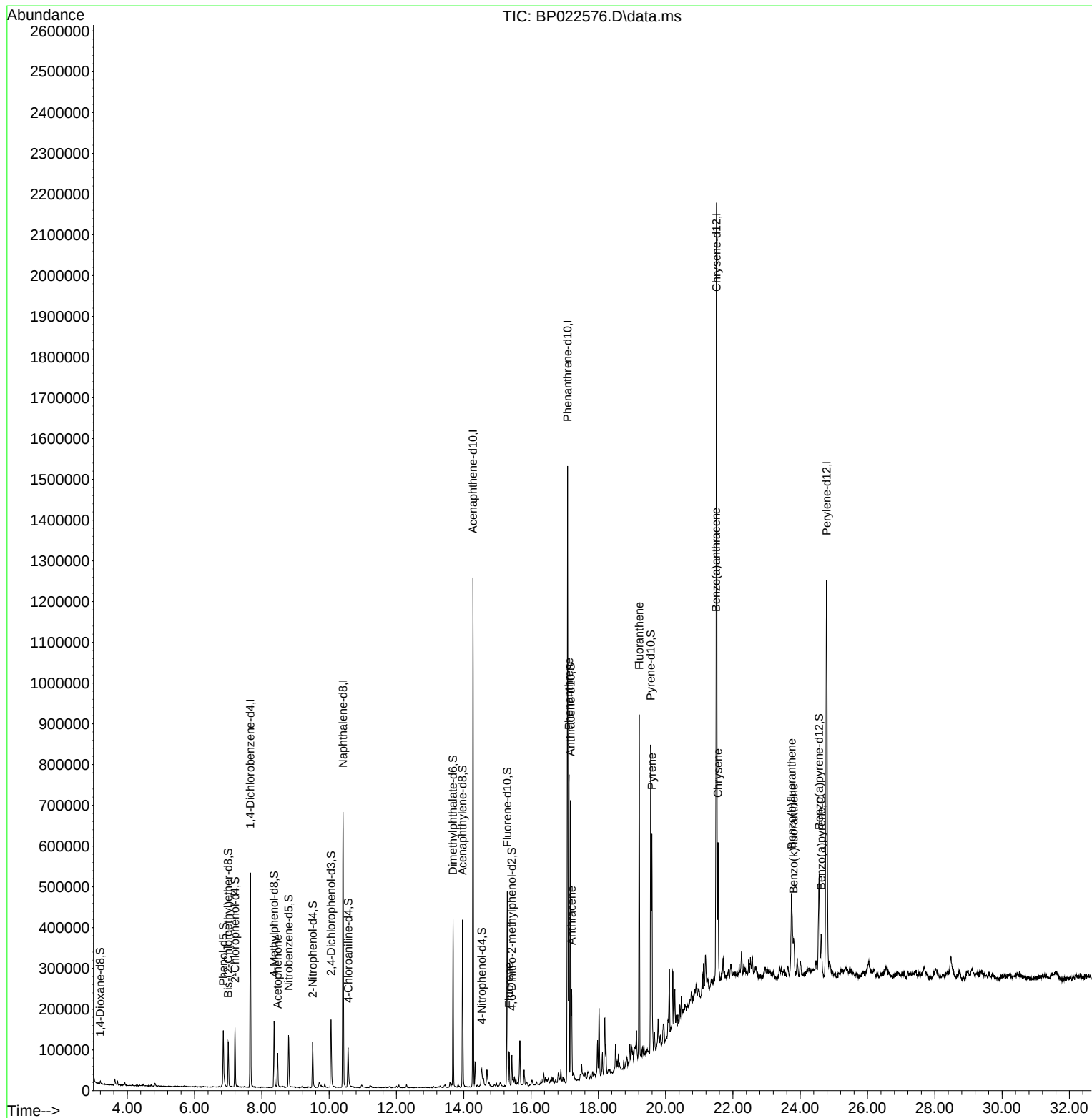
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022576.D
Acq On : 23 Oct 2024 23:39
Operator : RC/JU
Sample : P4415-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

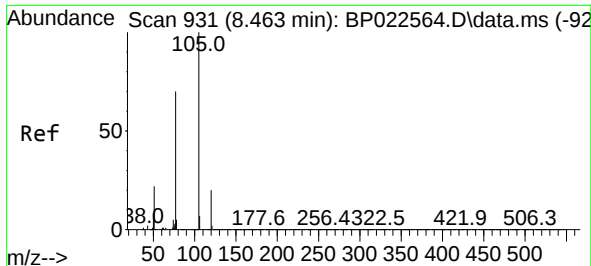
Instrument :
BNA_P
ClientSampleId :
A4F69

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Quant Title : SVOA CALIBRATION
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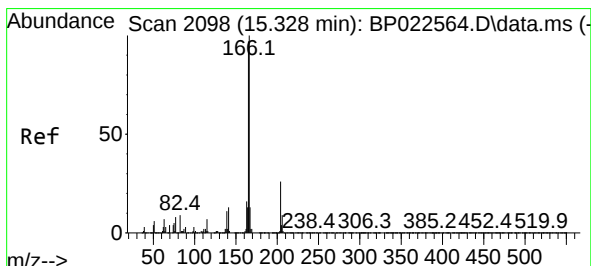
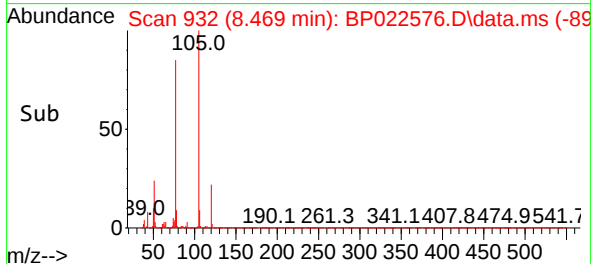
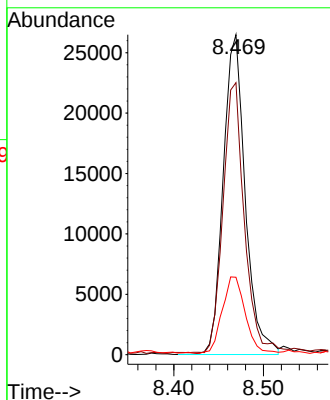
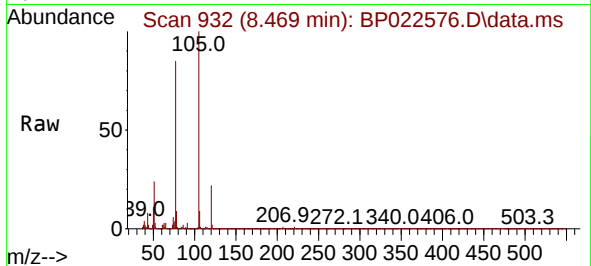
#16
Acetophenone
Concen: 2.902 ng/ul
RT: 8.469 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022576.D
Acq: 23 Oct 2024 23:39

Instrument :
BNA_P
ClientSampleId :
A4F69

Tgt Ion:105 Resp: 4514
Ion Ratio Lower Upper
105 100
77 85.0 69.0 103.4
51 24.2 22.6 33.8

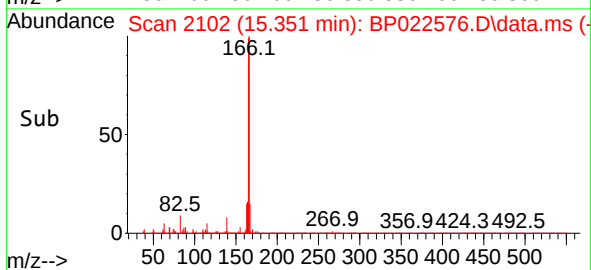
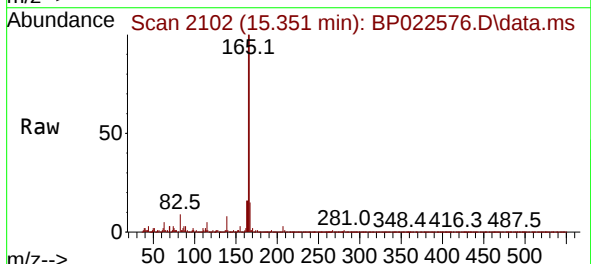
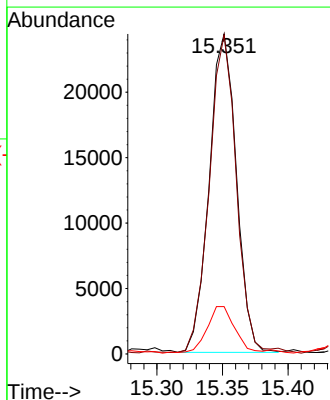
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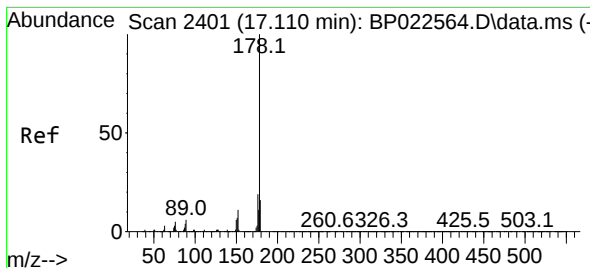
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#61
Fluorene
Concen: 1.156 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. 0.012 min
Lab File: BP022576.D
Acq: 23 Oct 2024 23:39

Tgt Ion:166 Resp: 35067
Ion Ratio Lower Upper
166 100
165 99.7 77.8 116.6
167 14.8 11.1 16.7





#72

Phenanthrene

Concen: 8.879 ng/u1

RT: 17.128 min Scan# 2401

Delta R.T. 0.012 min

Lab File: BP022576.D

Acq: 23 Oct 2024 23:39

Instrument :

BNA_P

ClientSampleId :

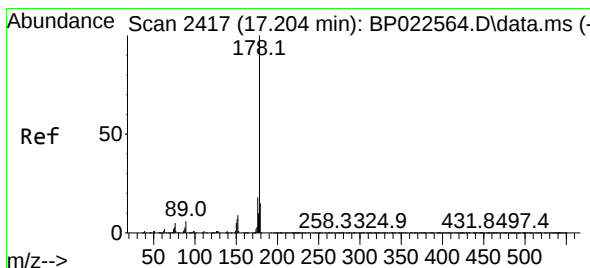
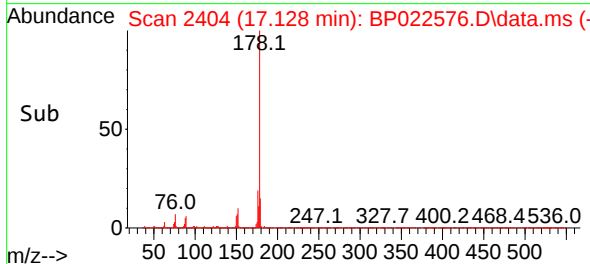
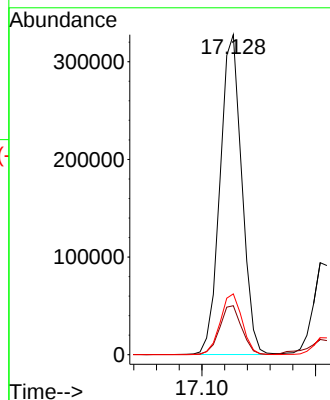
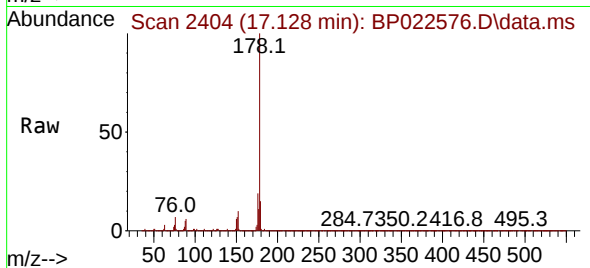
A4F69

Tgt Ion:	178	Resp:	435740
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	19.0	15.7	23.5

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#74

Anthracene

Concen: 2.653 ng/u1

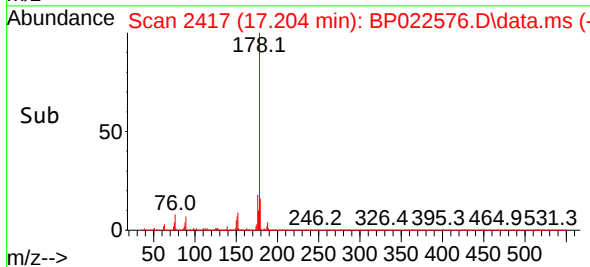
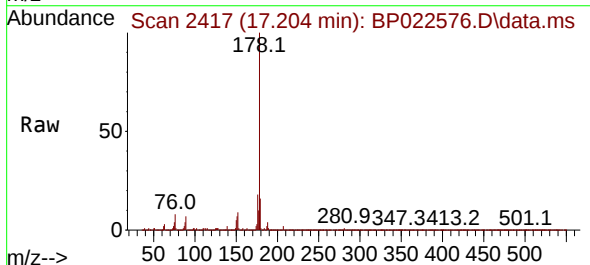
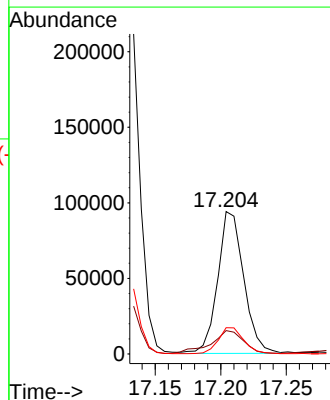
RT: 17.204 min Scan# 2417

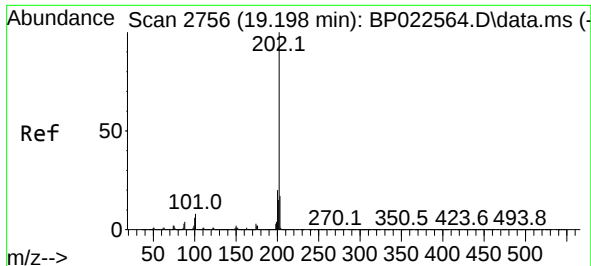
Delta R.T. 0.000 min

Lab File: BP022576.D

Acq: 23 Oct 2024 23:39

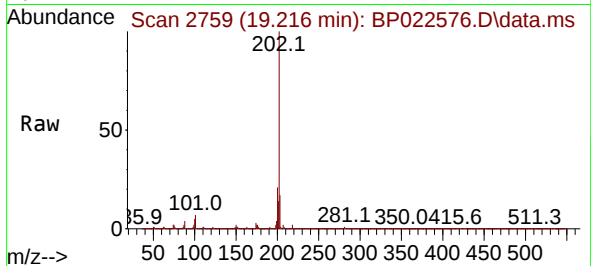
Tgt Ion:	178	Resp:	129927
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.0	18.0
176	18.5	15.0	22.4





#80
Fluoranthene
Concen: 10.066 ng/u1
RT: 19.216 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022576.D
Acq: 23 Oct 2024 23:39

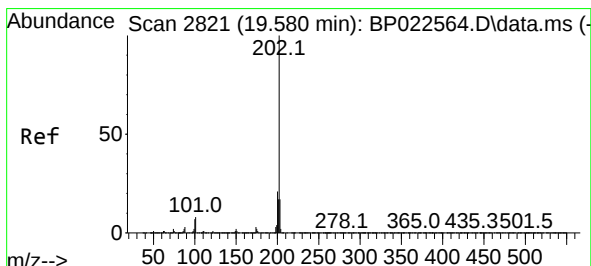
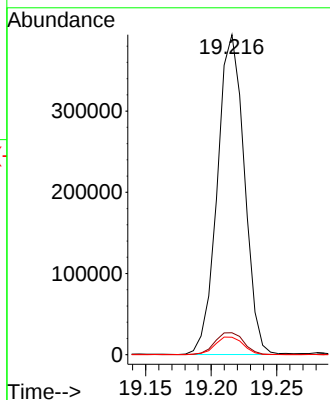
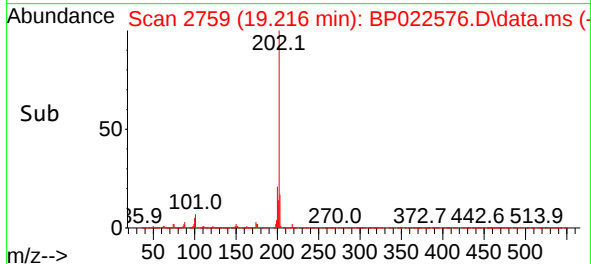
Instrument :
BNA_P
ClientSampleId :
A4F69



Tgt Ion:202 Resp: 56415
Ion Ratio Lower Upper
202 100
101 6.9 5.8 8.8
100 5.5 4.5 6.7

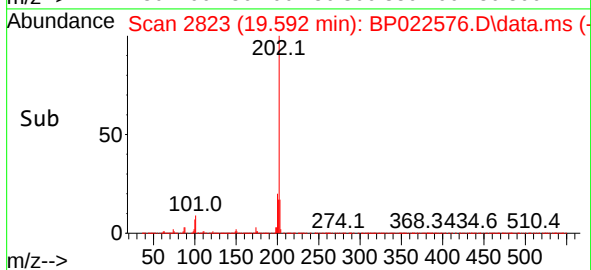
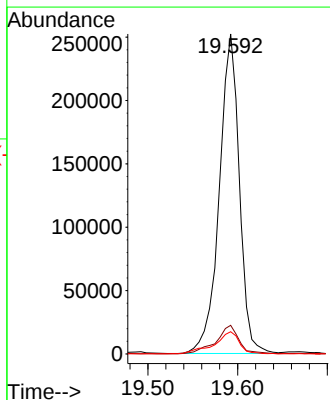
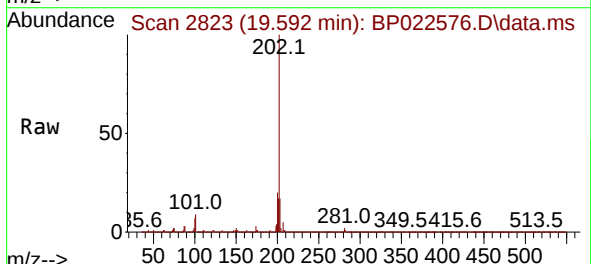
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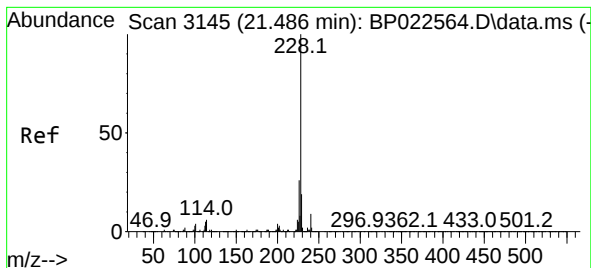
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#82
Pyrene
Concen: 6.519 ng/u1
RT: 19.592 min Scan# 2823
Delta R.T. 0.006 min
Lab File: BP022576.D
Acq: 23 Oct 2024 23:39

Tgt Ion:202 Resp: 391604
Ion Ratio Lower Upper
202 100
101 8.9 6.7 10.1
100 7.0 5.8 8.6





#85

Benzo(a)anthracene

Concen: 4.005 ng/u1

RT: 21.498 min Scan# 3145

Delta R.T. 0.018 min

Lab File: BP022576.D

Acq: 23 Oct 2024 23:39

Instrument :

BNA_P

ClientSampleId :

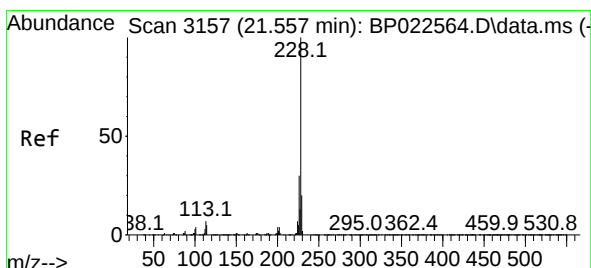
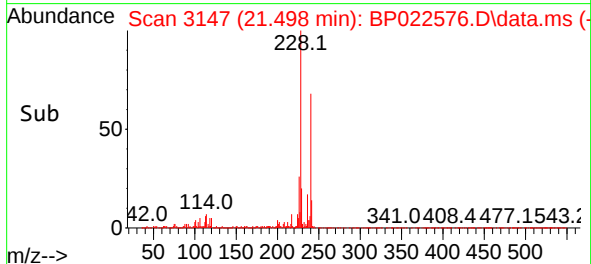
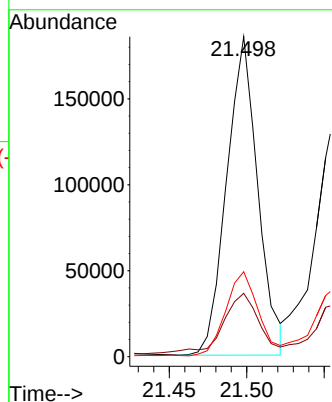
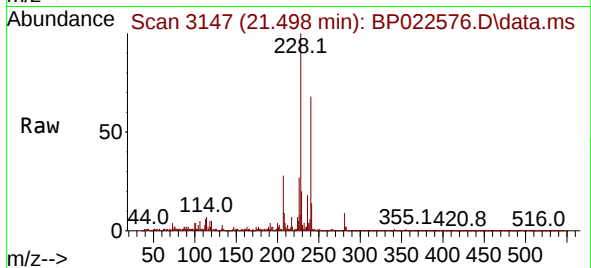
A4F69

Tgt Ion:	228	Resp:	258834
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.4	23.0
226	26.5	21.5	32.3

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#87

Chrysene

Concen: 3.693 ng/u1

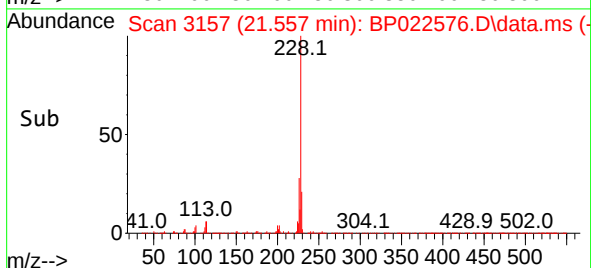
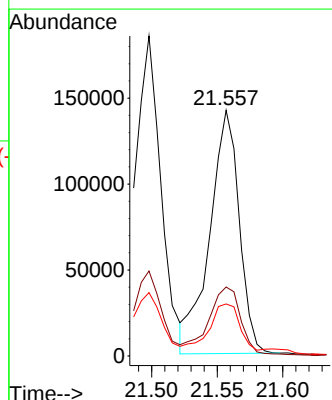
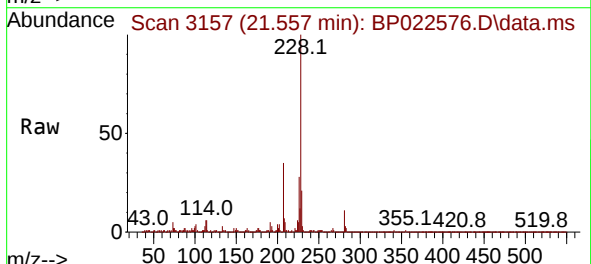
RT: 21.557 min Scan# 3157

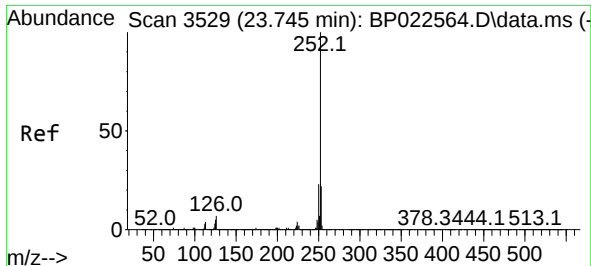
Delta R.T. 0.012 min

Lab File: BP022576.D

Acq: 23 Oct 2024 23:39

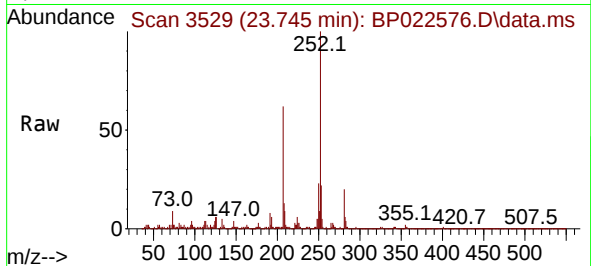
Tgt Ion:	228	Resp:	221316
Ion Ratio	Lower	Upper	
228	100		
226	28.1	23.8	35.8
229	21.2	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 3.831 ng/ul
RT: 23.745 min Scan# 3529
Delta R.T. 0.024 min
Lab File: BP022576.D
Acq: 23 Oct 2024 23:39

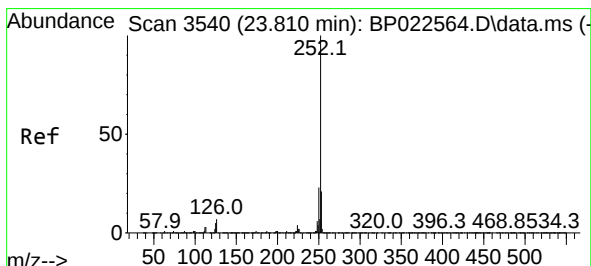
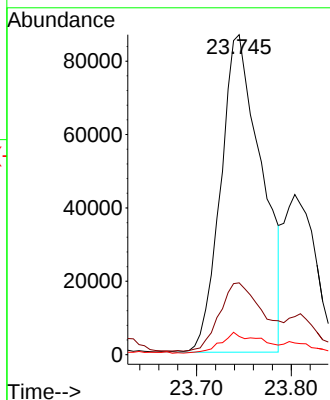
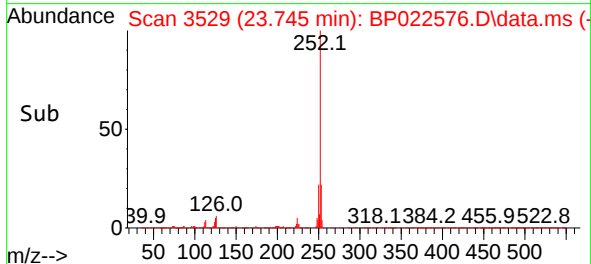
Instrument : BNA_P
ClientSampleId : A4F69



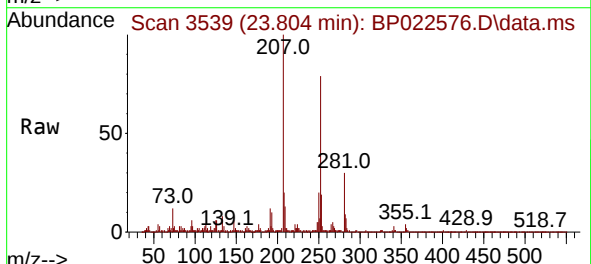
Tgt Ion:252 Resp: 25933
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 5.7 5.0 7.4

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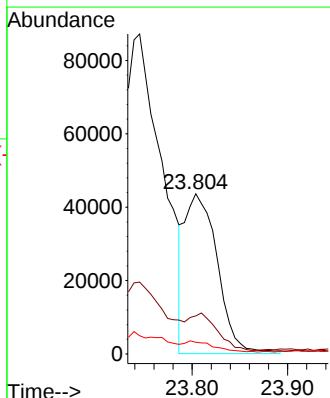
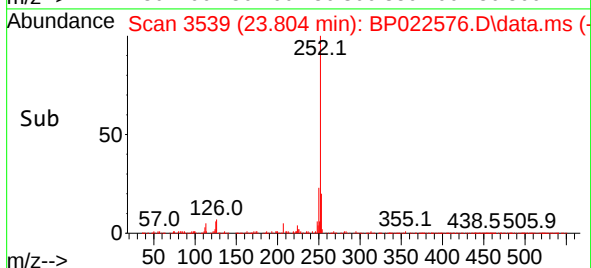
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

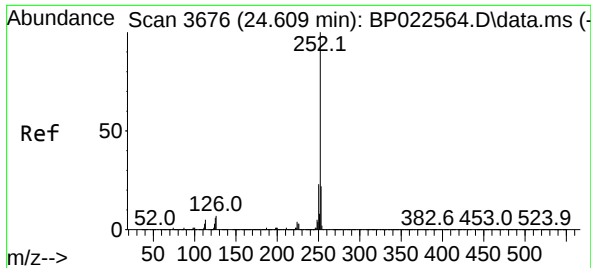


#91
Benzo(k)fluoranthene
Concen: 1.563 ng/ul m
RT: 23.804 min Scan# 3539
Delta R.T. 0.012 min
Lab File: BP022576.D
Acq: 23 Oct 2024 23:39



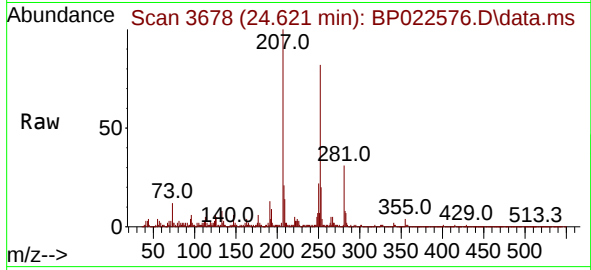
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Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 7.3 4.6 6.8#





#93
Benzo(a)pyrene
Concen: 1.733 ng/ul
RT: 24.621 min Scan# 30
Delta R.T. 0.018 min
Lab File: BP022576.D
Acq: 23 Oct 2024 23:39

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:252 Resp: 10794
Ion Ratio Lower Upper
252 100
253 24.4 17.7 26.5
125 7.5 4.9 7.3

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