

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022504.D
 Acq On : 21 Oct 2024 14:04
 Operator : RC/JU
 Sample : P4429-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F89

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 21 15:17:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	81943	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	312788	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	241549	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	572751	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	697572	20.000	ng/u1	0.01
88) Perylene-d12	24.774	264	848398	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4301	2.040	ng/uL	0.00
4) Pyridine-d5	3.622	84	11243m	1.942	ng/u1	0.01
7) Phenol-d5	6.852	99	73768	10.695	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	48226	11.896	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	57998	11.850	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	63179	11.477	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	26841	11.160	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	33313	11.964	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	69532	11.749	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	41014	5.865	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	235032	12.247	ng/u1	0.01
49) Acenaphthylene-d8	13.969	160	245165	12.028	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	24668	7.662	ng/u1	0.00
60) Fluorene-d10	15.292	176	214618	12.893	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	33541	8.904	ng/u1	0.01
73) Anthracene-d10	17.175	188	363520	13.492	ng/u1	0.00
81) Pyrene-d10	19.551	212	420053	11.387	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.545	264	400575	8.841	ng/u1	0.02
Target Compounds					Qvalue	
8) Phenol	6.881	94	9806	1.366	ng/u1	96
16) Acetophenone	8.475	105	46254	5.090	ng/u1	100
72) Phenanthrene	17.122	178	251867	8.219	ng/u1	99
74) Anthracene	17.210	178	60958	1.993	ng/u1	97
80) Fluoranthene	19.204	202	834357	19.674	ng/u1	99
82) Pyrene	19.580	202	595026	13.091	ng/u1	98
85) Benzo(a)anthracene	21.492	228	526264	10.762	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.422	149	31321	1.379	ng/u1	98
87) Chrysene	21.557	228	506032	11.160	ng/u1	97
90) Benzo(b)fluoranthene	23.745	252	715048	13.390	ng/u1	98
91) Benzo(k)fluoranthene	23.798	252	204624	3.914	ng/u1	97
93) Benzo(a)pyrene	24.615	252	260766	5.306	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.474	276	236607	3.607	ng/u1	98
95) Dibenzo(a,h)anthracene	28.509	278	89348m	1.682	ng/u1	

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

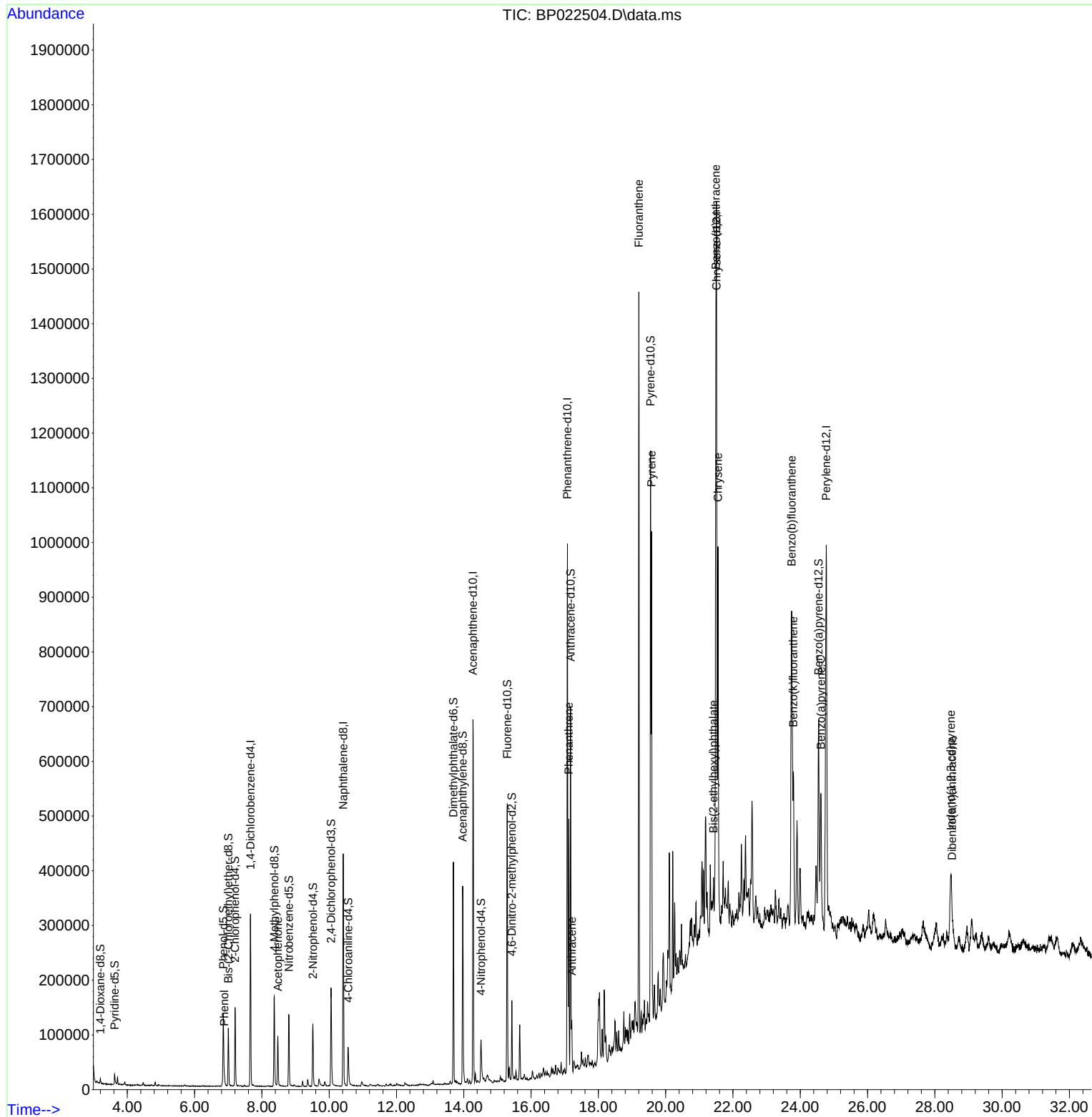
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022504.D
Acq On : 21 Oct 2024 14:04
Operator : RC/JU
Sample : P4429-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

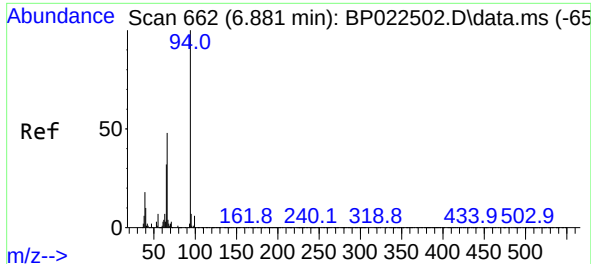
Instrument :
BNA_P
ClientSampleId :
A4F89

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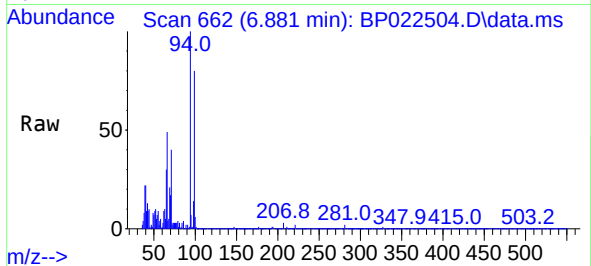
Quant Time: Oct 21 15:17:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.366 ng/u1
RT: 6.881 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04

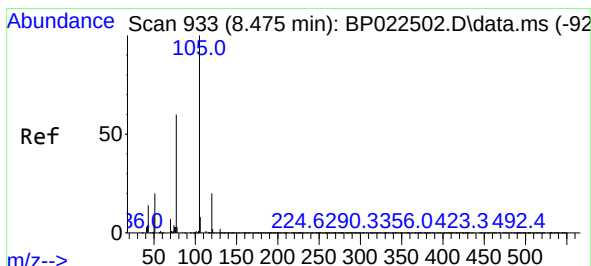
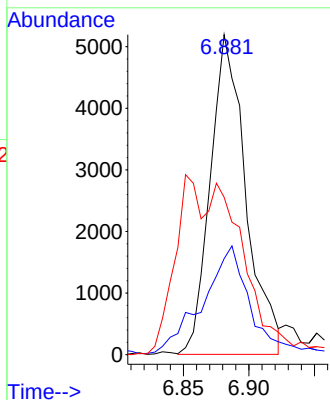
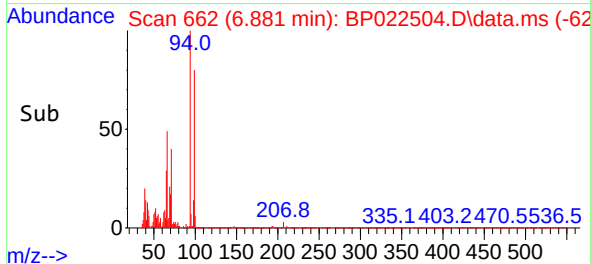
Instrument :
BNA_P
ClientSampleId :
A4F89



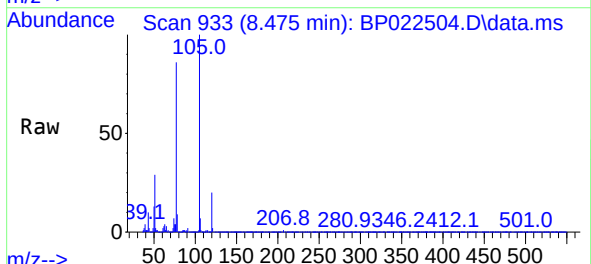
Tgt Ion: 94 Resp: 9800
Ion Ratio Lower Upper
94 100
65 30.0 25.9 38.9
66 49.2 37.6 56.4

Manual Integrations
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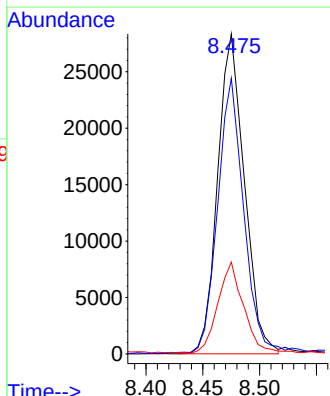
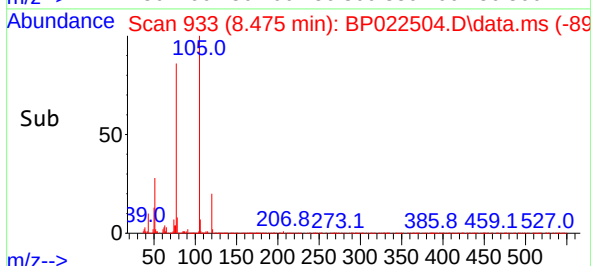
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

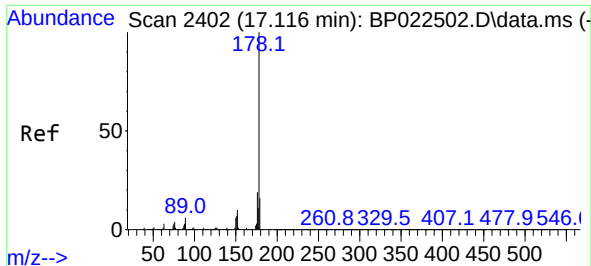


#16
Acetophenone
Concen: 5.090 ng/u1
RT: 8.475 min Scan# 933
Delta R.T. 0.006 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04



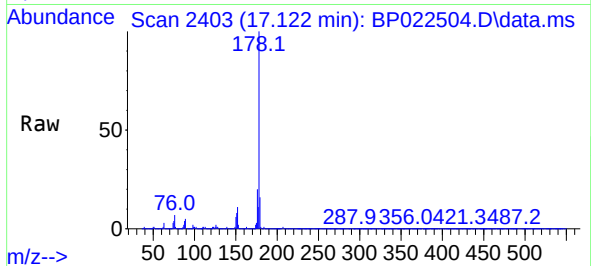
Tgt Ion:105 Resp: 46254
Ion Ratio Lower Upper
105 100
77 86.1 69.0 103.4
51 28.7 22.6 33.8





#72
Phenanthrene
Concen: 8.219 ng/ul
RT: 17.122 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04

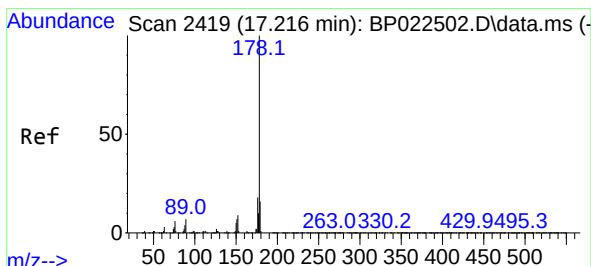
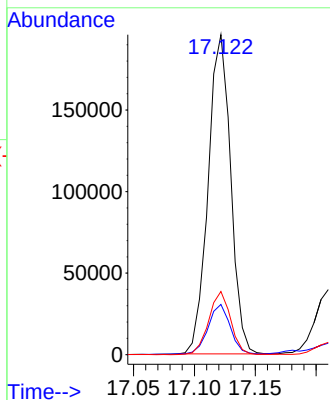
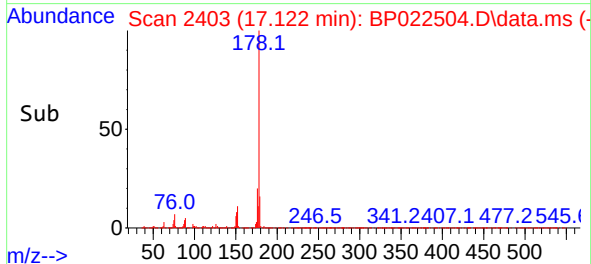
Instrument :
BNA_P
ClientSampleId :
A4F89



Tgt Ion:178 Resp: 25186
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.8 15.7 23.5

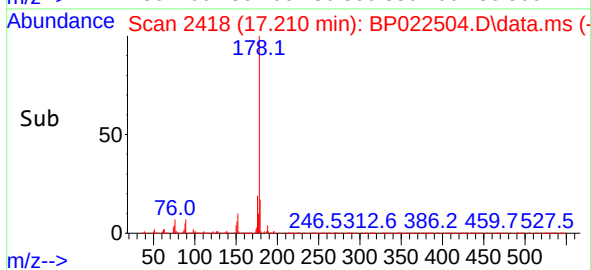
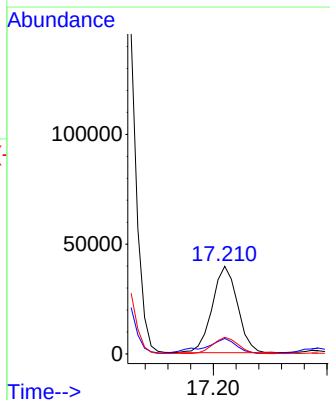
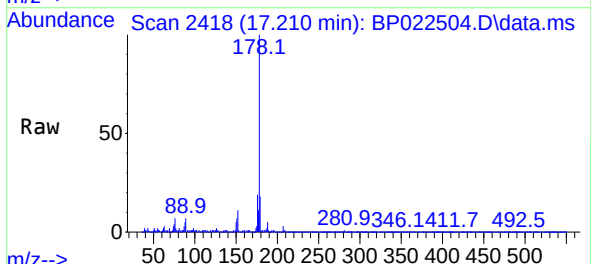
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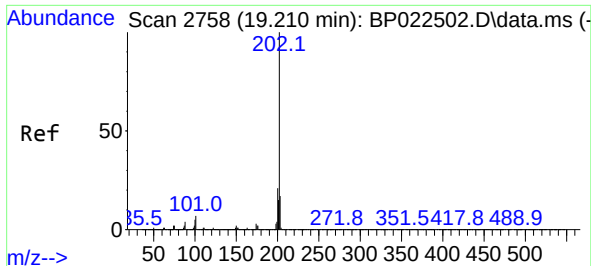
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#74
Anthracene
Concen: 1.993 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04

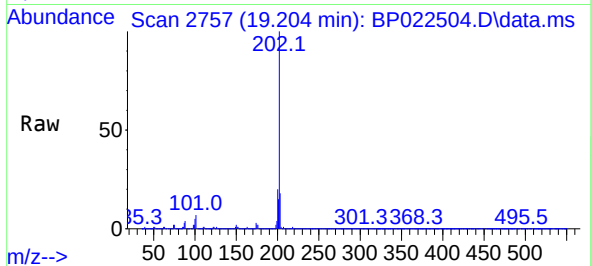
Tgt Ion:178 Resp: 60958
Ion Ratio Lower Upper
178 100
179 17.7 12.0 18.0
176 19.0 15.0 22.4





#80
Fluoranthene
Concen: 19.674 ng/ul
RT: 19.204 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04

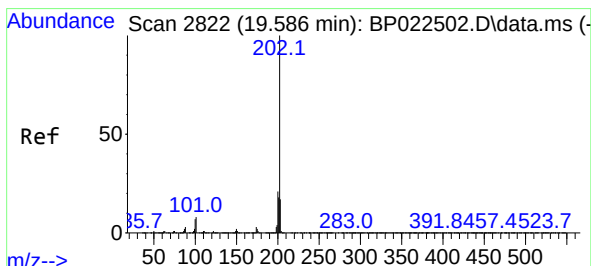
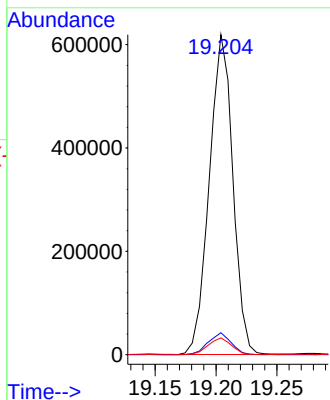
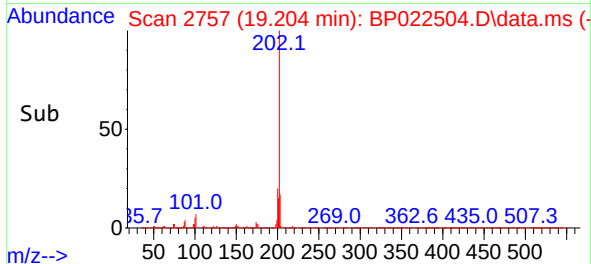
Instrument :
BNA_P
ClientSampleId :
A4F89



Tgt Ion:202 Resp: 83435
Ion Ratio Lower Upper
202 100
101 6.8 5.8 8.8
100 5.3 4.5 6.7

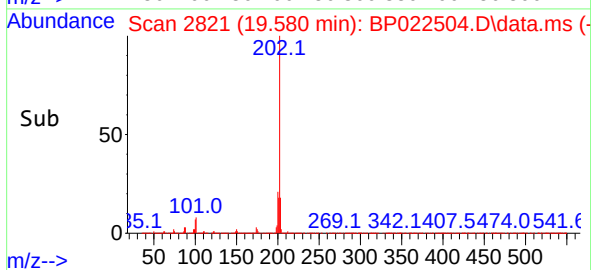
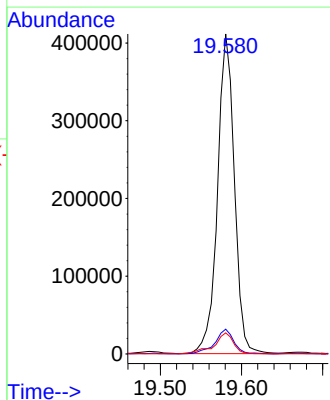
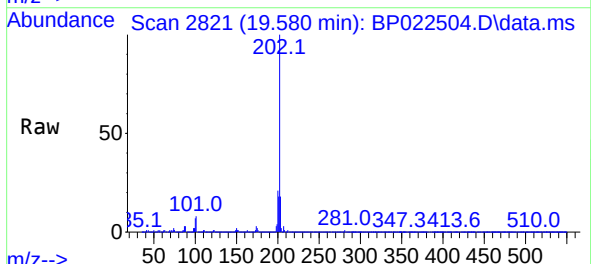
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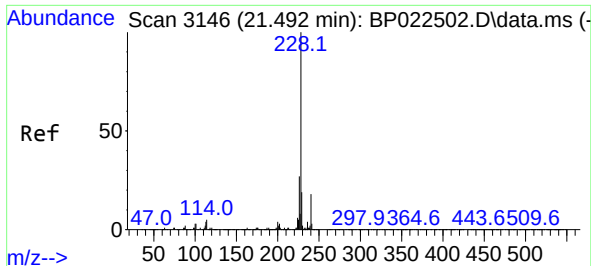
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#82
Pyrene
Concen: 13.091 ng/ul
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04

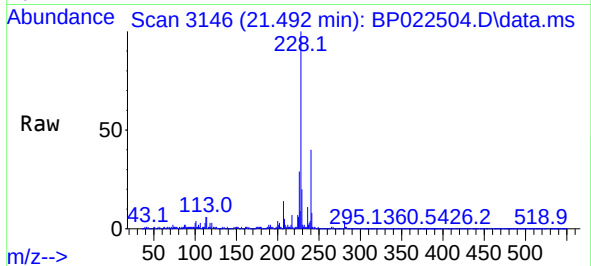
Tgt Ion:202 Resp: 595026
Ion Ratio Lower Upper
202 100
101 7.7 6.7 10.1
100 6.6 5.8 8.6





#85
Benzo(a)anthracene
Concen: 10.762 ng/ul
RT: 21.492 min Scan# 3146
Delta R.T. 0.012 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04

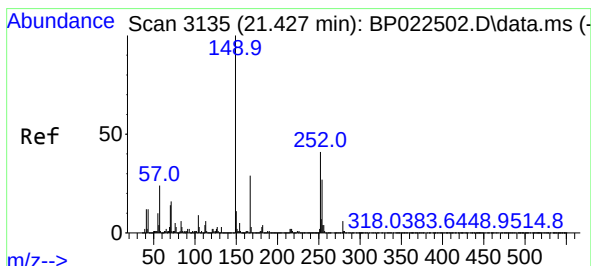
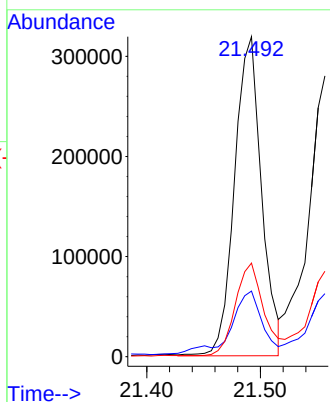
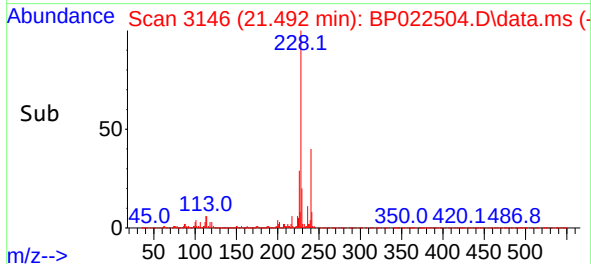
Instrument :
BNA_P
ClientSampleId :
A4F89



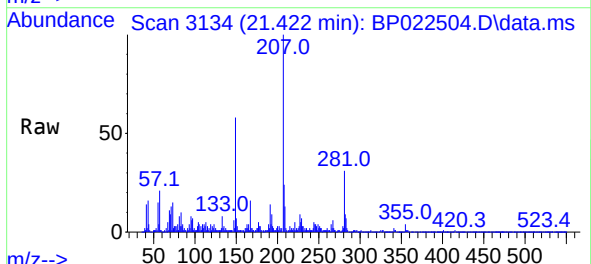
Tgt Ion:228 Resp: 526264
Ion Ratio Lower Upper
228 100
229 20.5 15.4 23.0
226 29.2 21.5 32.3

Manual Integrations
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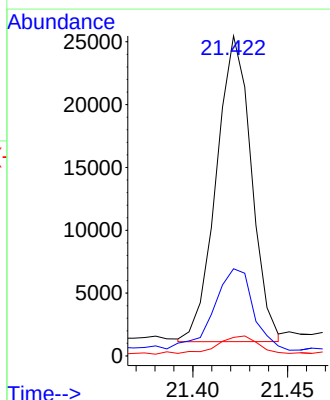
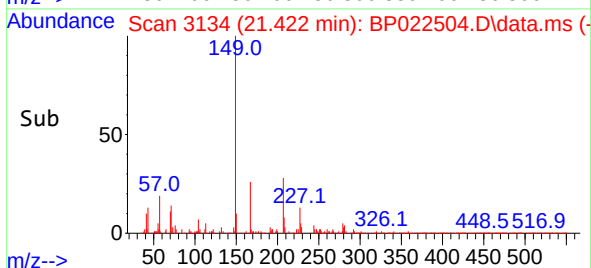
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

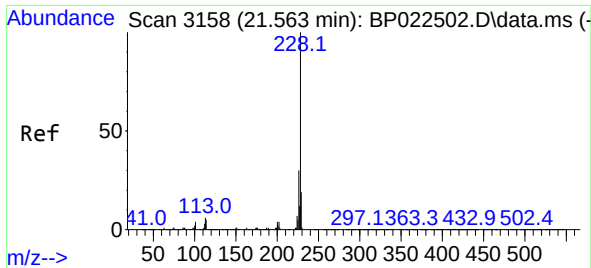


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.379 ng/ul
RT: 21.422 min Scan# 3134
Delta R.T. 0.006 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04



Tgt Ion:149 Resp: 31321
Ion Ratio Lower Upper
149 100
167 27.2 23.0 34.4
279 5.8 4.8 7.2





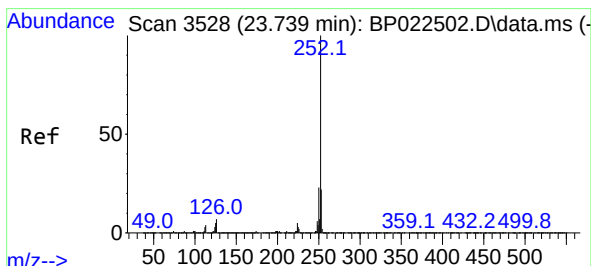
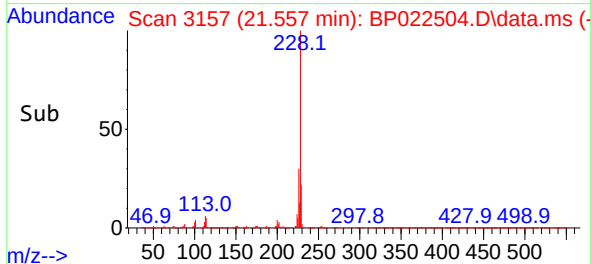
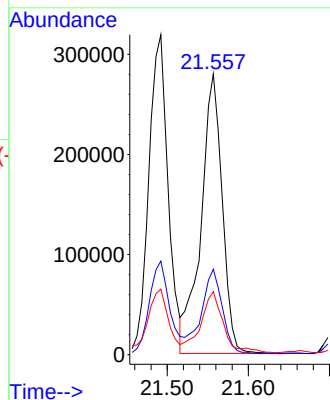
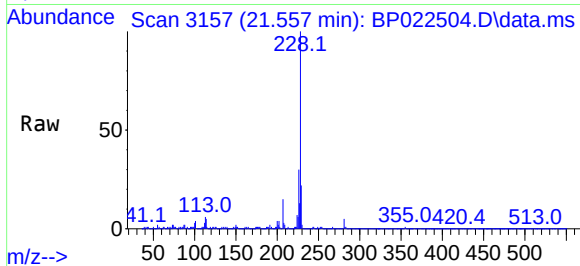
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Chrysene
Concen: 11.160 ng/ul
RT: 21.557 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04

Instrument :
BNA_P
ClientSampleId :
A4F89

Tgt Ion:228	Resp: 50603
Ion Ratio	Lower Upper
228 100	
226 30.4	23.8 35.8
229 22.5	15.5 23.3

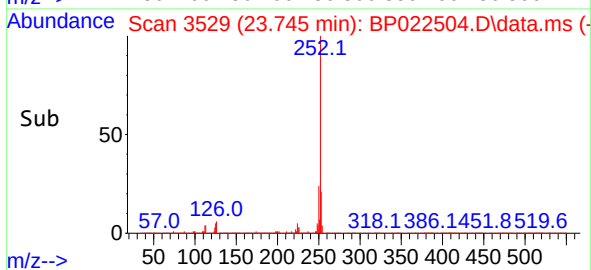
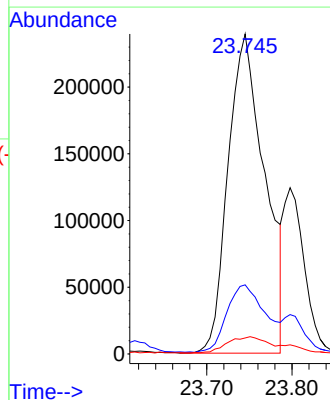
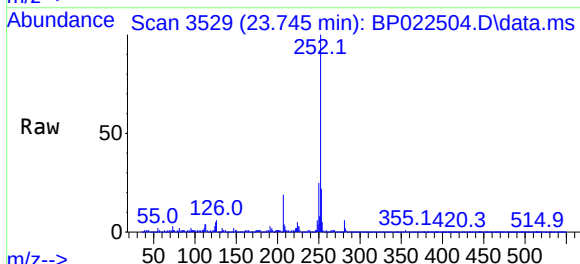
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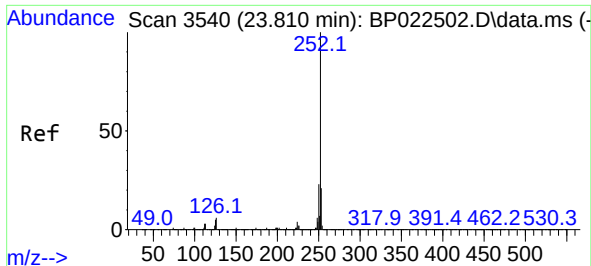
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#90
Benzo(b)fluoranthene
Concen: 13.390 ng/ul
RT: 23.745 min Scan# 3529
Delta R.T. 0.024 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04

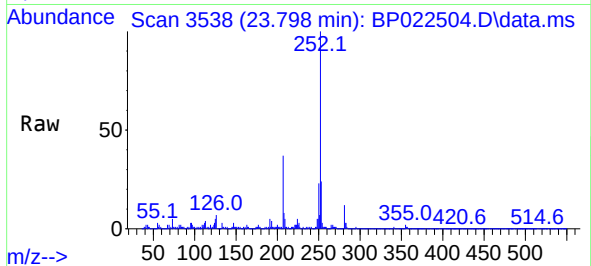
Tgt Ion:252	Resp: 715048
Ion Ratio	Lower Upper
252 100	
253 21.6	17.8 26.8
125 5.0	5.0 7.4





#91
Benzo(k)fluoranthene
Concen: 3.914 ng/u1
RT: 23.798 min Scan# 3540
Delta R.T. 0.006 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04

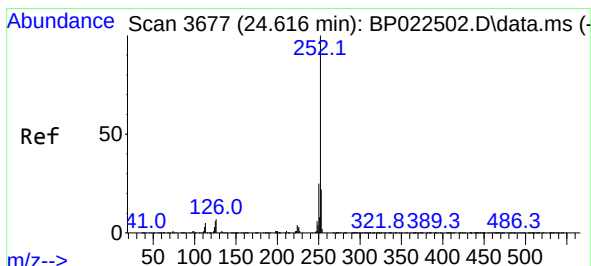
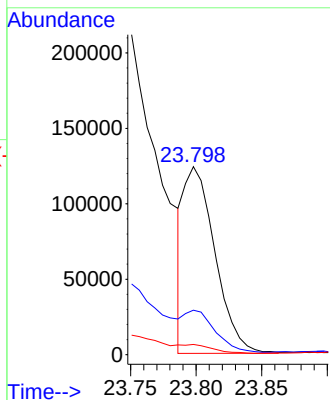
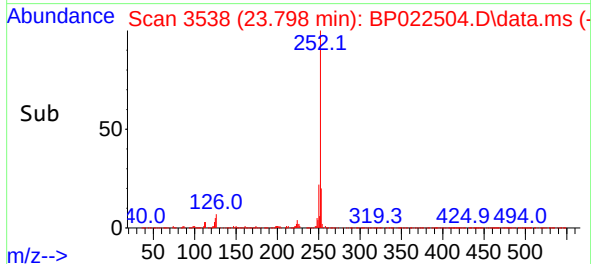
Instrument :
BNA_P
ClientSampleId :
A4F89



Tgt Ion:252 Resp: 204624
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 5.5 4.6 6.8

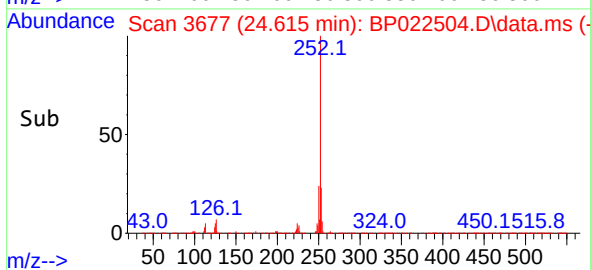
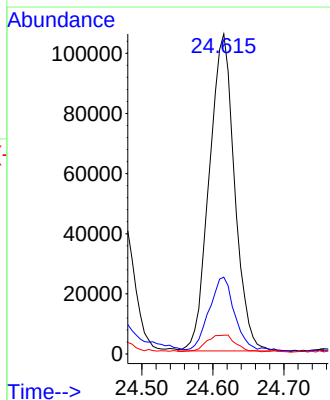
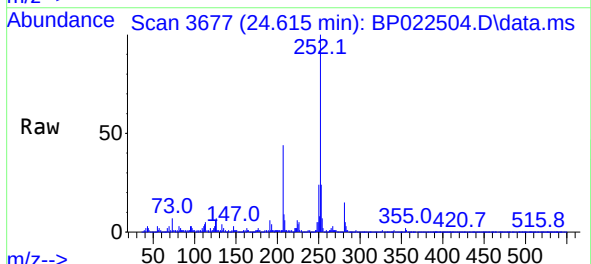
Manual Integrations
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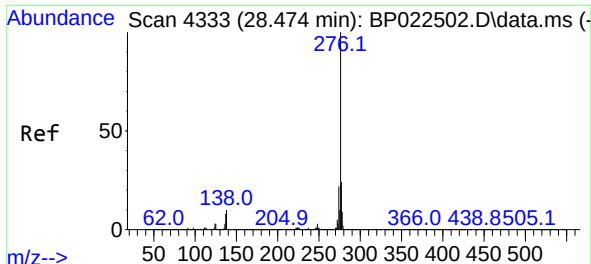
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#93
Benzo(a)pyrene
Concen: 5.306 ng/u1
RT: 24.615 min Scan# 3677
Delta R.T. 0.012 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04

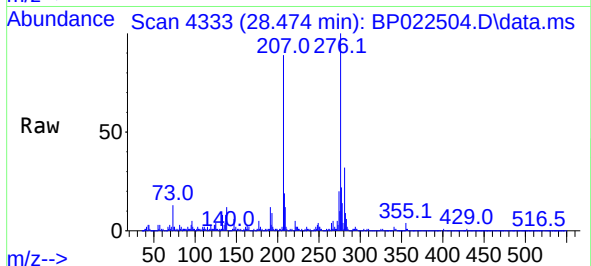
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Ion Ratio Lower Upper
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253 24.0 17.7 26.5
125 5.8 4.9 7.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.607 ng/ul
RT: 28.474 min Scan# 4333
Delta R.T. 0.041 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04

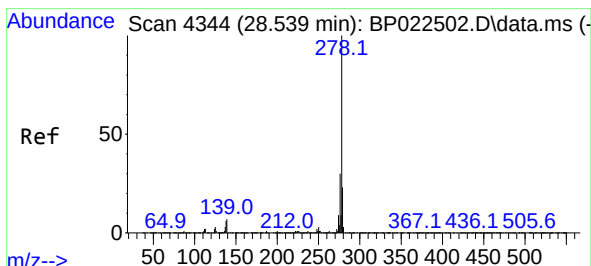
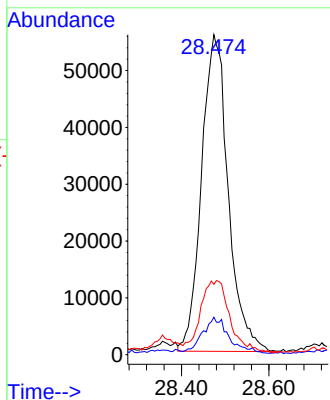
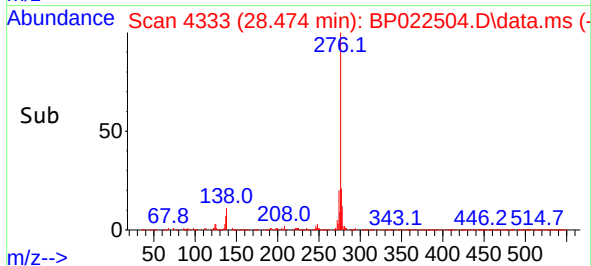
Instrument :
BNA_P
ClientSampleId :
A4F89



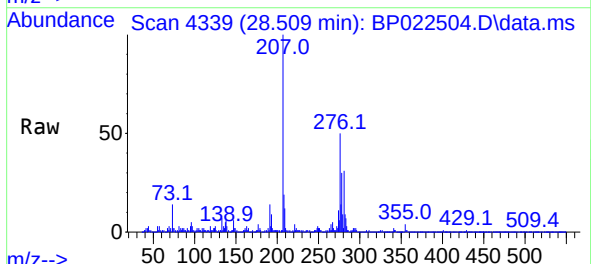
Tgt Ion: 276 Resp: 23660
Ion Ratio Lower Upper
276 100
138 11.7 9.1 13.7
277 22.0 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#95
Dibenzo(a,h)anthracene
Concen: 1.682 ng/ul m
RT: 28.509 min Scan# 4339
Delta R.T. -0.006 min
Lab File: BP022504.D
Acq: 21 Oct 2024 14:04



Tgt Ion: 278 Resp: 89348
Ion Ratio Lower Upper
278 100
139 9.1 7.3 10.9
279 29.2 19.0 28.4#

