

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
 Data File : BP022429.D
 Acq On : 17 Oct 2024 01:15
 Operator : RC/JU
 Sample : P4284-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EZ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/18/2024

Quant Time: Oct 17 02:48:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 11:47:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	116095	20.000	ng/u1	0.04
20) Naphthalene-d8	10.422	136	452095	20.000	ng/u1	0.03
38) Acenaphthene-d10	14.275	164	344148	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	808794	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	829752	20.000	ng/u1	0.00
88) Perylene-d12	24.774	264	998084	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	3784	1.267	ng/uL	0.02
4) Pyridine-d5	3.628	84	11330	1.381	ng/u1	0.04
7) Phenol-d5	6.863	99	67395	6.896	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	7.010	67	45946	7.999	ng/u1	0.04
11) 2-Chlorophenol-d4	7.210	132	55716	8.035	ng/u1	0.04
15) 4-Methylphenol-d8	8.369	113	38968	4.997	ng/u1	0.04
21) Nitrobenzene-d5	8.804	128	28680	8.250	ng/u1	0.04
24) 2-Nitrophenol-d4	9.516	143	36114	8.974	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.057	165	71657	8.377	ng/u1	0.04
31) 4-Chloroaniline-d4	10.575	131	6279m	0.621	ng/u1	0.04
46) Dimethylphthalate-d6	13.681	166	250078	9.146	ng/u1	0.01
49) Acenaphthylene-d8	13.963	160	263500	9.073	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	25526m	5.565	ng/u1	0.01
60) Fluorene-d10	15.275	176	225212	9.496	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.428	200	33167	6.235	ng/u1	0.02
73) Anthracene-d10	17.186	188	361379	9.498	ng/u1	0.00
81) Pyrene-d10	19.563	212	330905	7.541	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.557	264	238433	4.473	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.475	105	18850	1.464	ng/u1	98
72) Phenanthrene	17.128	178	224869	5.197	ng/u1	100
74) Anthracene	17.222	178	44113	1.022	ng/u1	99
80) Fluoranthene	19.222	202	680101	13.482	ng/u1	99
82) Pyrene	19.598	202	393243	7.273	ng/u1	97
85) Benzo(a)anthracene	21.498	228	298916	5.139	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.433	149	114193	4.226	ng/u1	98
87) Chrysene	21.563	228	375545	6.963	ng/u1	98
90) Benzo(b)fluoranthene	23.745	252	617571	9.830	ng/u1	99
91) Benzo(k)fluoranthene	23.804	252	181512m	2.951	ng/u1	
93) Benzo(a)pyrene	24.627	252	134880	2.333	ng/u1#	98
94) Indeno(1,2,3-cd)pyrene	28.480	276	174920	2.267	ng/u1	97
95) Dibenzo(a,h)anthracene	28.521	278	74748m	1.196	ng/u1	

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

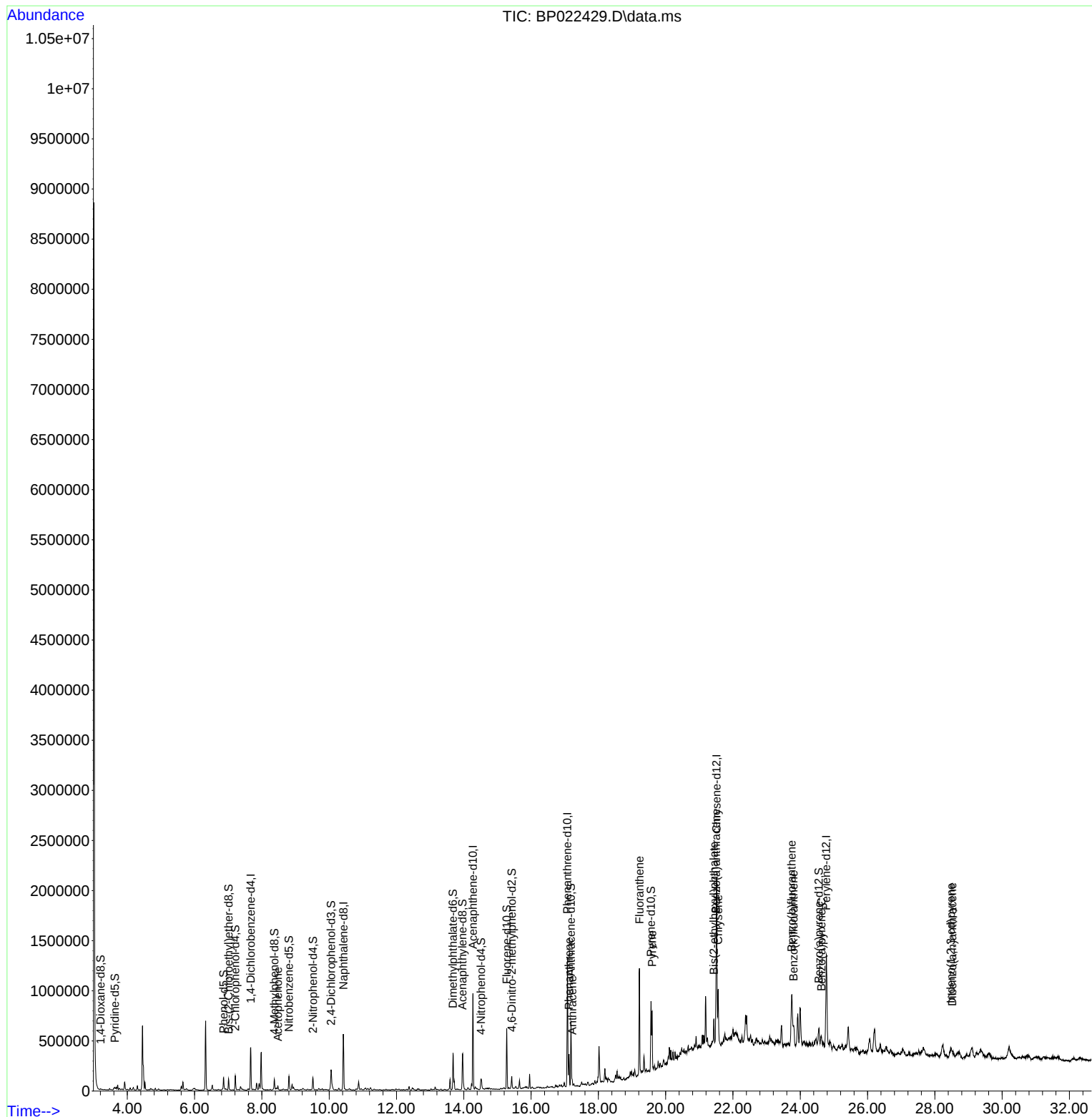
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022429.D
Acq On : 17 Oct 2024 01:15
Operator : RC/JU
Sample : P4284-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

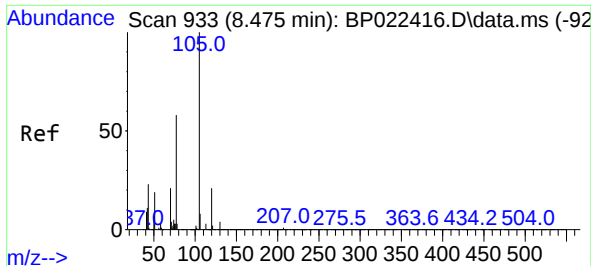
Instrument :
BNA_P
ClientSampleId :
A4EZ3

Manual Integrations
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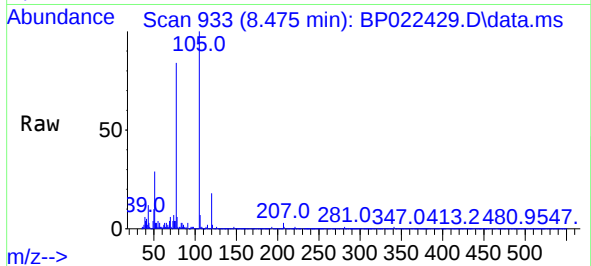
Quant Time: Oct 17 02:48:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 11:47:52 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.464 ng/ul
RT: 8.475 min Scan# 91
Delta R.T. 0.030 min
Lab File: BP022429.D
Acq: 17 Oct 2024 01:15

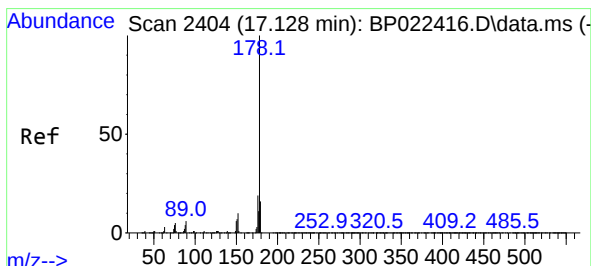
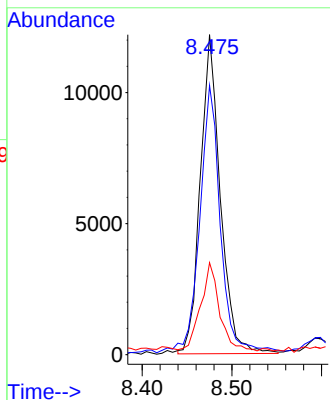
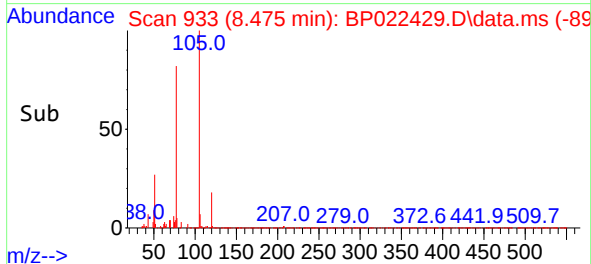
Instrument :
BNA_P
ClientSampleId :
A4EZ3



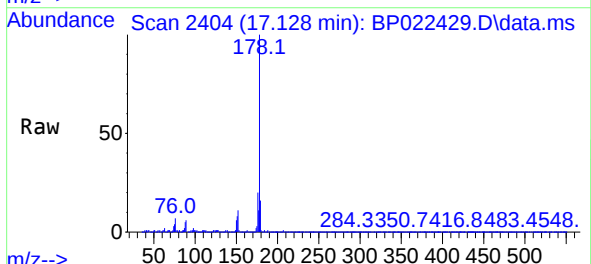
Tgt Ion:105 Resp: 18850
Ion Ratio Lower Upper
105 100
77 84.1 69.0 103.4
51 28.7 22.6 33.8

Manual Integrations
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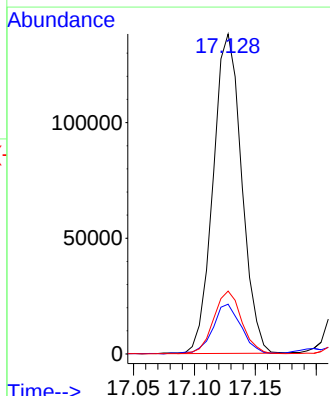
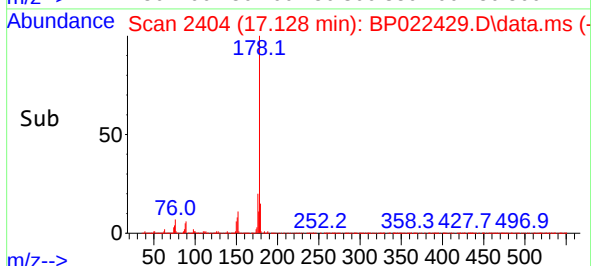
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024

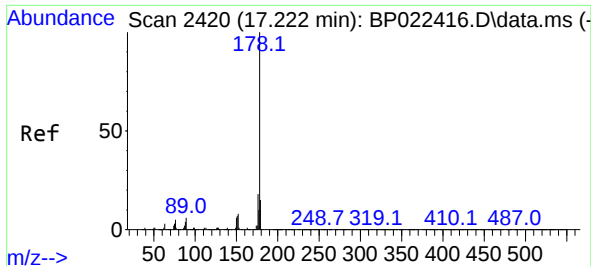


#72
Phenanthrene
Concen: 5.197 ng/ul
RT: 17.128 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP022429.D
Acq: 17 Oct 2024 01:15



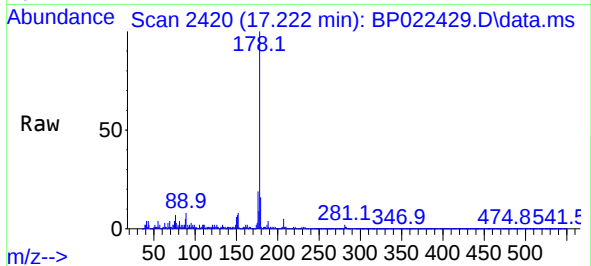
Tgt Ion:178 Resp: 224869
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.6 15.7 23.5





#74
 Anthracene
 Concen: 1.022 ng/ul
 RT: 17.222 min Scan# 2420
 Delta R.T. 0.006 min
 Lab File: BP022429.D
 Acq: 17 Oct 2024 01:15

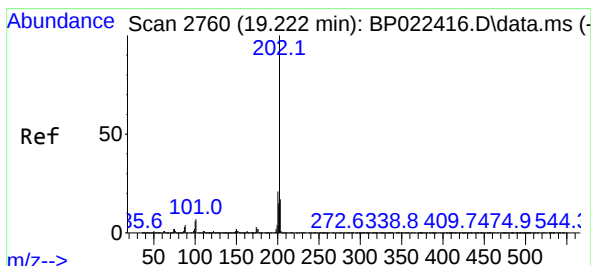
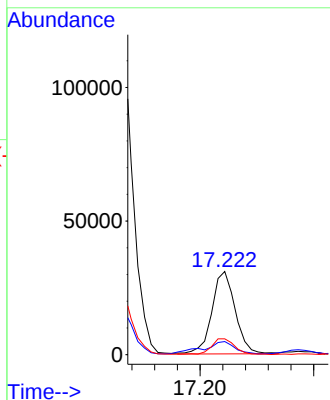
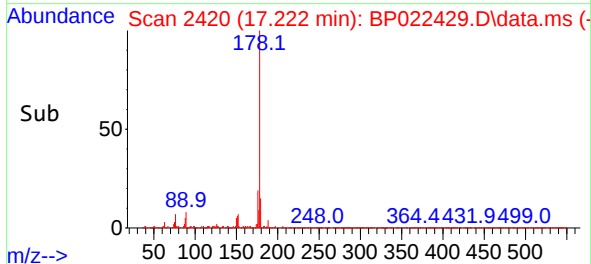
Instrument :
 BNA_P
 ClientSampleId :
 A4EZ3



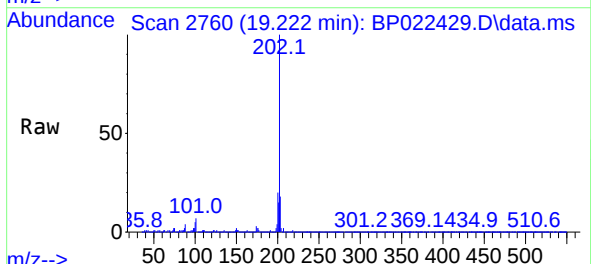
Tgt Ion:	178	Resp:	4411
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.0	18.0
176	19.0	15.0	22.4

Manual Integrations
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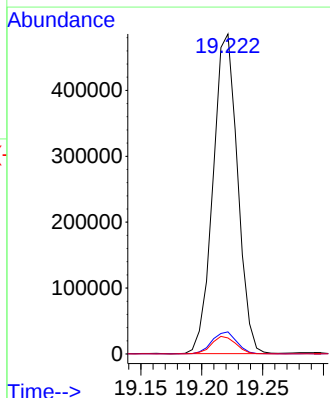
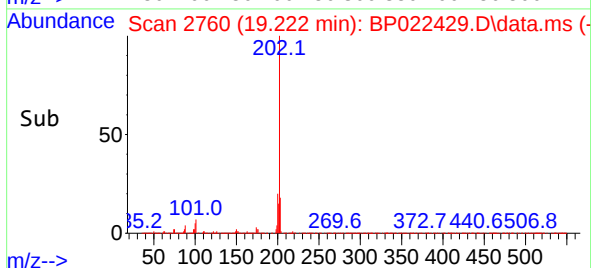
Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/18/2024

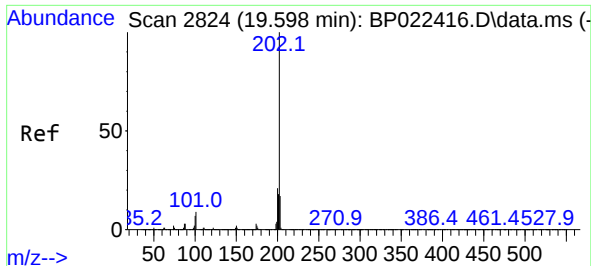


#80
 Fluoranthene
 Concen: 13.482 ng/ul
 RT: 19.222 min Scan# 2760
 Delta R.T. -0.006 min
 Lab File: BP022429.D
 Acq: 17 Oct 2024 01:15



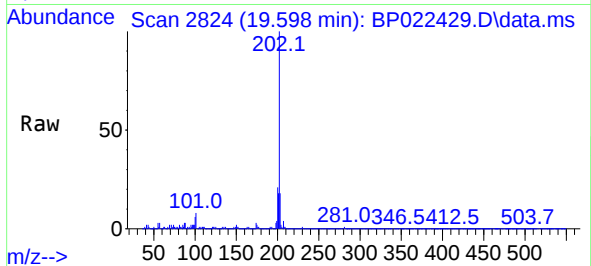
Tgt Ion:	202	Resp:	680101
Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.8	8.8
100	5.0	4.5	6.7





#82
Pyrene
Concen: 7.273 ng/ul
RT: 19.598 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP022429.D
Acq: 17 Oct 2024 01:15

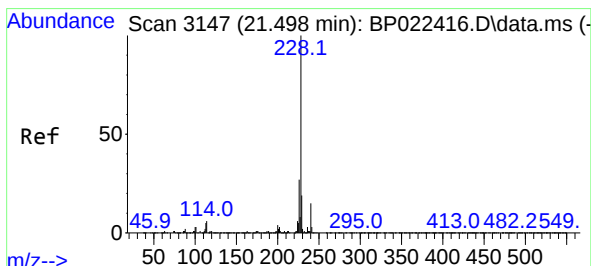
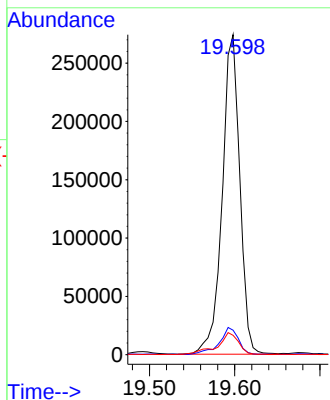
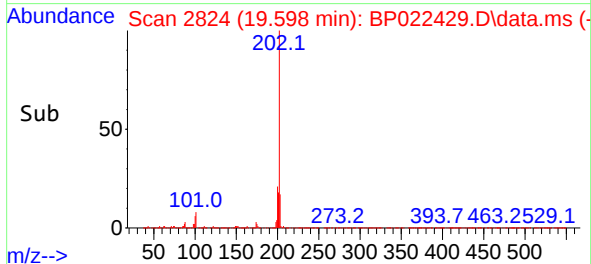
Instrument :
BNA_P
ClientSampleId :
A4EZ3



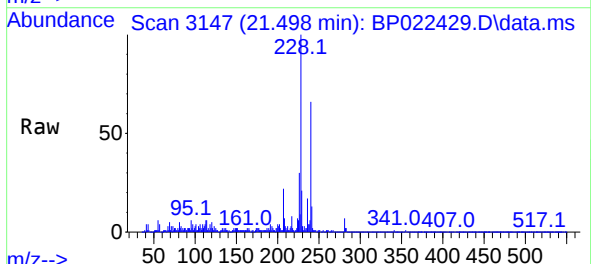
Tgt Ion:202 Resp: 39324
Ion Ratio Lower Upper
202 100
101 7.6 6.7 10.1
100 6.1 5.8 8.6

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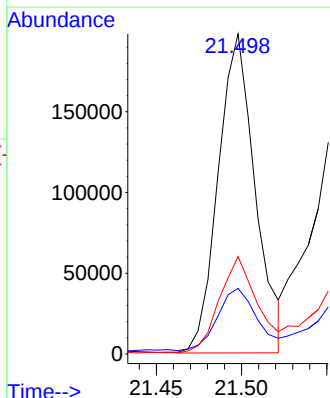
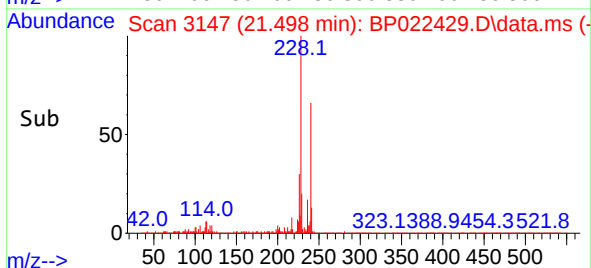
Reviewed By :Yogesh Patel 10/17/2024
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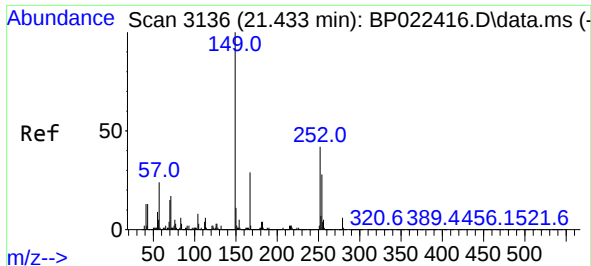


#85
Benzo(a)anthracene
Concen: 5.139 ng/ul
RT: 21.498 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BP022429.D
Acq: 17 Oct 2024 01:15



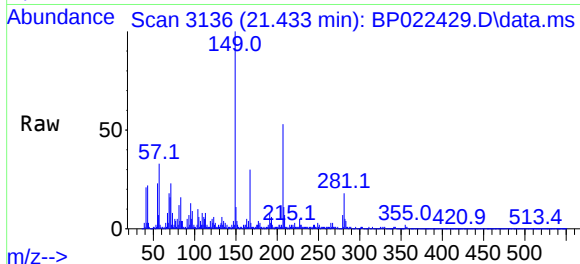
Tgt Ion:228 Resp: 298916
Ion Ratio Lower Upper
228 100
229 20.5 15.4 23.0
226 30.5 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.226 ng/ul
RT: 21.433 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP022429.D
Acq: 17 Oct 2024 01:15

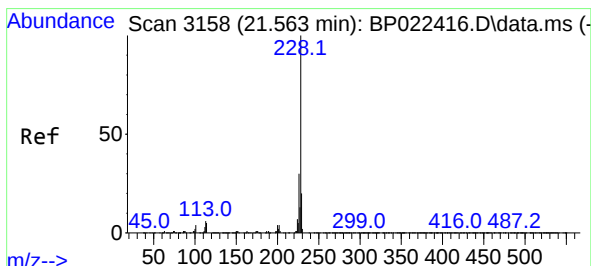
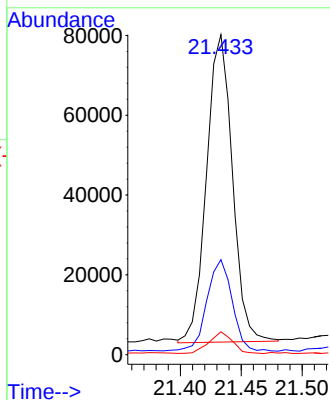
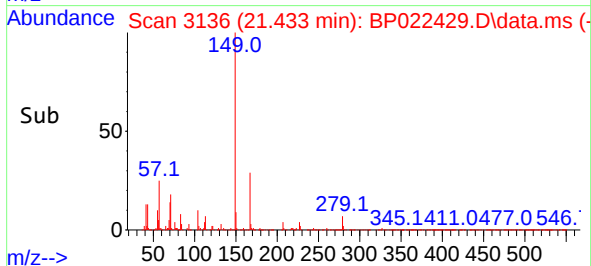
Instrument :
BNA_P
ClientSampleId :
A4EZ3



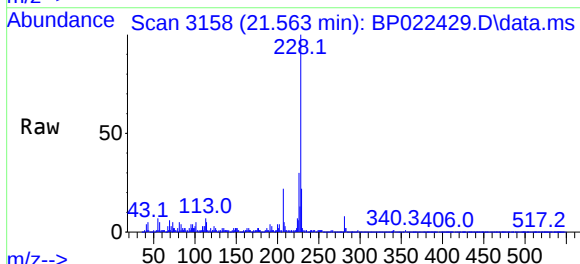
Tgt Ion:149 Resp: 11419
Ion Ratio Lower Upper
149 100
167 29.7 23.0 34.4
279 7.1 4.8 7.2

Manual Integrations
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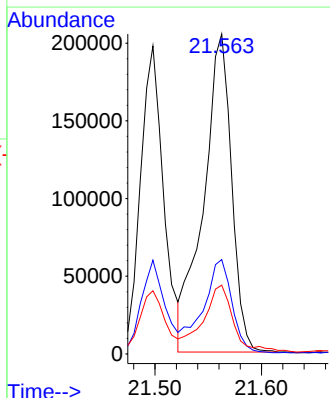
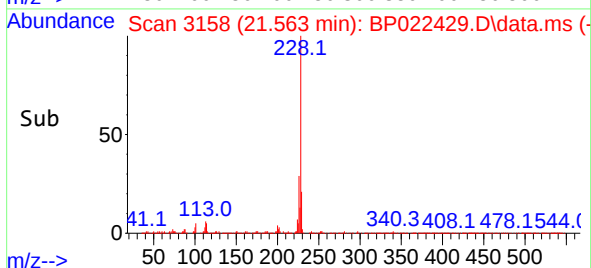
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024

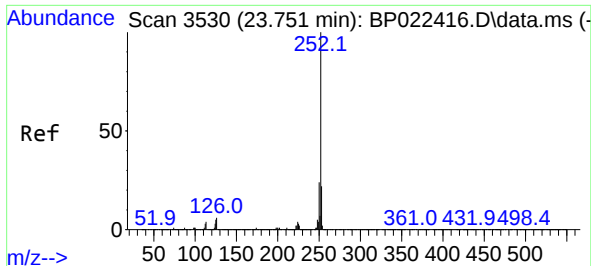


#87
Chrysene
Concen: 6.963 ng/ul
RT: 21.563 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BP022429.D
Acq: 17 Oct 2024 01:15



Tgt Ion:228 Resp: 375545
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 21.5 15.5 23.3





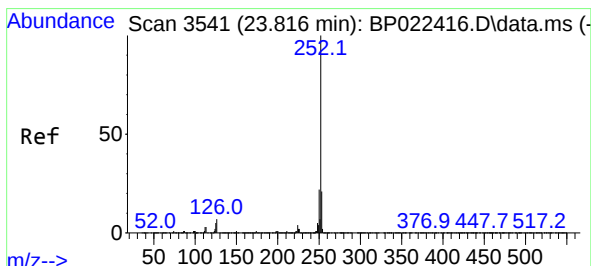
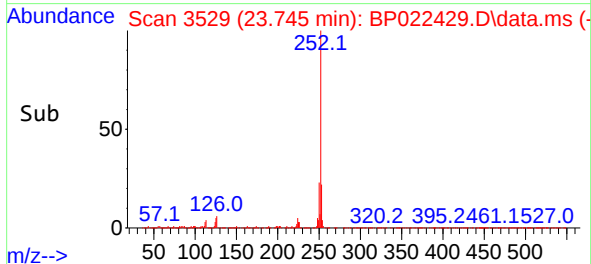
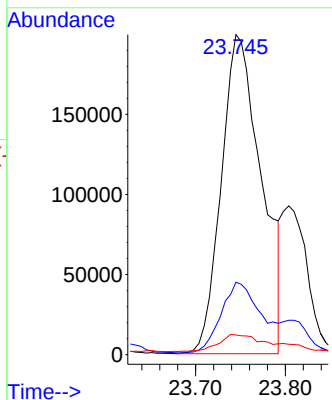
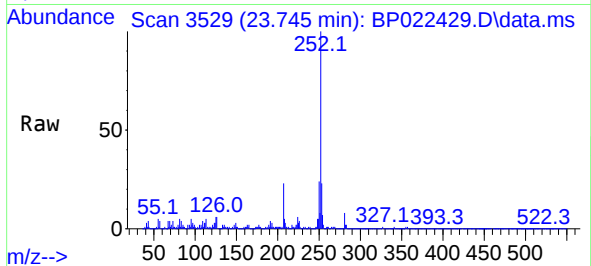
#90
Benzo(b)fluoranthene
Concen: 9.830 ng/ul
RT: 23.745 min Scan# 3529
Delta R.T. -0.006 min
Lab File: BP022429.D
Acq: 17 Oct 2024 01:15

Instrument :
BNA_P
ClientSampleId :
A4EZ3

Tgt Ion:252 Resp: 61757
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 6.2 5.0 7.4

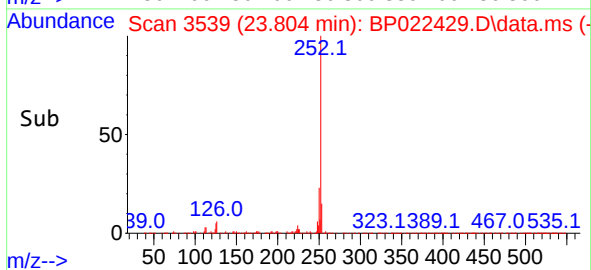
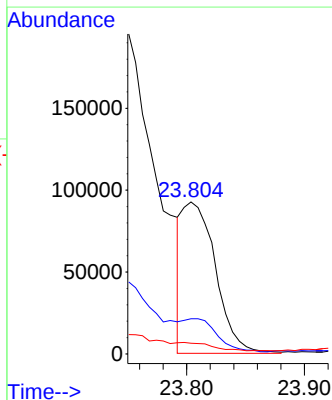
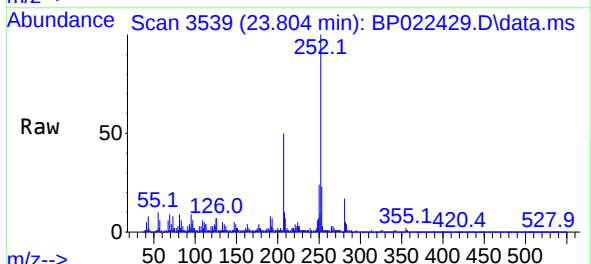
Manual Integrations
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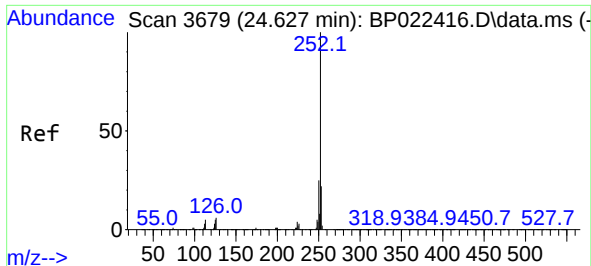
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024



#91
Benzo(k)fluoranthene
Concen: 2.951 ng/ul m
RT: 23.804 min Scan# 3539
Delta R.T. -0.017 min
Lab File: BP022429.D
Acq: 17 Oct 2024 01:15

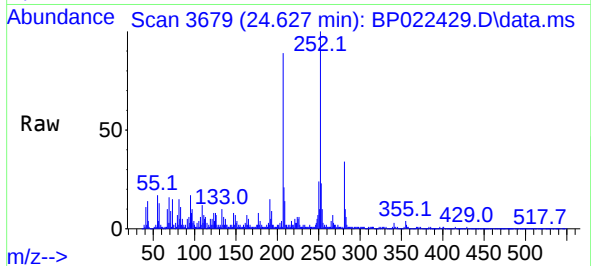
Tgt Ion:252 Resp: 181512
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 7.0 4.6 6.8#





#93
Benzo(a)pyrene
Concen: 2.333 ng/ul
RT: 24.627 min Scan# 3679
Delta R.T. -0.006 min
Lab File: BP022429.D
Acq: 17 Oct 2024 01:15

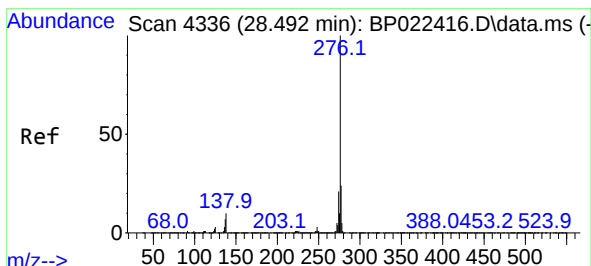
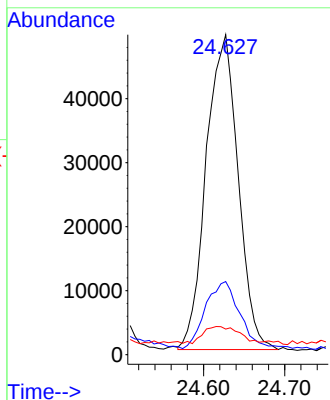
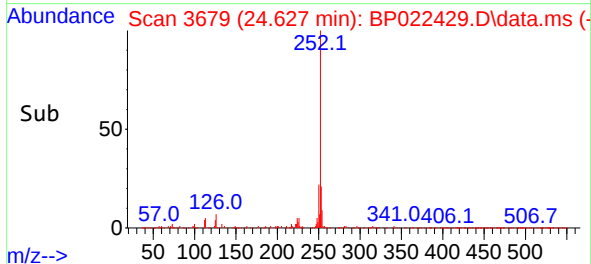
Instrument :
BNA_P
ClientSampleId :
A4EZ3



Tgt Ion:252 Resp: 134880
Ion Ratio Lower Upper
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125 8.0 4.9 7.3

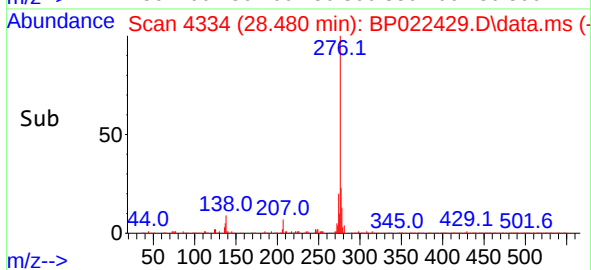
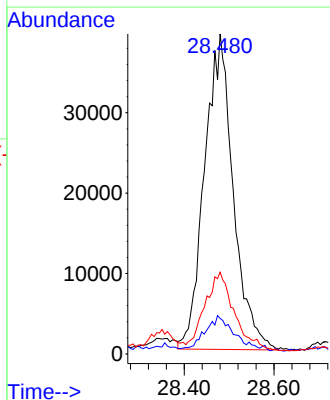
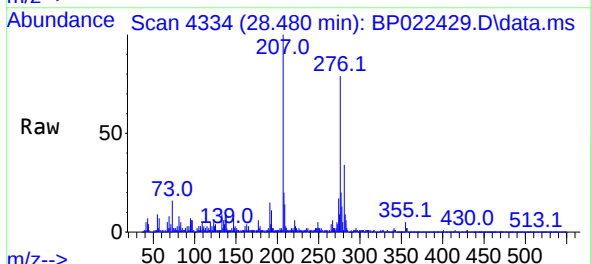
Manual Integrations
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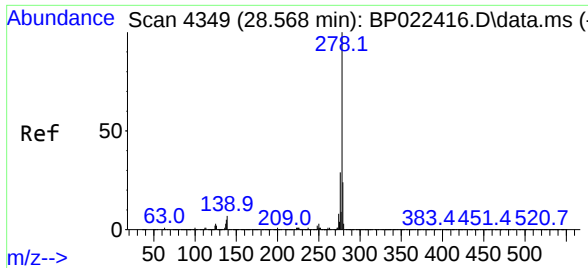
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.267 ng/ul
RT: 28.480 min Scan# 4334
Delta R.T. -0.017 min
Lab File: BP022429.D
Acq: 17 Oct 2024 01:15

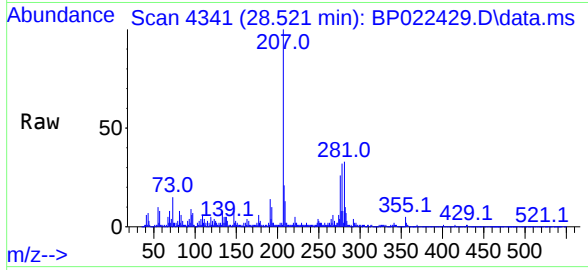
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Ion Ratio Lower Upper
276 100
138 11.1 9.1 13.7
277 25.5 18.6 27.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.196 ng/ul m
 RT: 28.521 min Scan# 4341
 Delta R.T. -0.047 min
 Lab File: BP022429.D
 Acq: 17 Oct 2024 01:15

Instrument :
 BNA_P
 ClientSampleId :
 A4EZ3



Tgt Ion: 278 Resp: 74748
 Ion Ratio Lower Upper
 278 100
 139 10.0 7.3 10.9
 279 23.6 19.0 28.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/18/2024

