

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
 Data File : BP023417.D
 Acq On : 13 Dec 2024 12:49
 Operator : RC/JU
 Sample : P5232-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28S7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 13 23:09:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	110388	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	427659	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.139	164	335828	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.945	188	776819	20.000	ng/u1	-0.01
79) Chrysene-d12	21.374	240	775906	20.000	ng/u1	-0.01
88) Perylene-d12	24.539	264	862091	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	10257	3.421	ng/uL	0.00
4) Pyridine-d5	3.511	84	159783	20.724	ng/u1	0.00
7) Phenol-d5	6.746	99	272748	31.490	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	148326	27.143	ng/u1	0.00
11) 2-Chlorophenol-d4	7.081	132	187928	29.398	ng/u1	0.00
15) 4-Methylphenol-d8	8.252	113	226247	32.365	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	95098	29.779	ng/u1	0.00
24) 2-Nitrophenol-d4	9.387	143	112887	30.671	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	266324	34.285	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	238310	27.385	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	913324	35.033	ng/u1	0.00
49) Acenaphthylene-d8	13.834	160	838095	30.478	ng/u1	0.00
54) 4-Nitrophenol-d4	14.428	143	121788m	38.121	ng/u1	0.02
60) Fluorene-d10	15.151	176	649536	28.326	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	33312m	7.096	ng/u1	0.02
73) Anthracene-d10	17.051	188	1066715	30.088	ng/u1	0.00
81) Pyrene-d10	19.439	212	1076189	26.548	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	989662	21.445	ng/u1	-0.04
Target Compounds						
					Qvalue	
8) Phenol	6.775	94	24019m	2.664	ng/u1	
72) Phenanthrene	16.992	178	43884	1.093	ng/u1	99
80) Fluoranthene	19.092	202	155016	3.337	ng/u1	99
82) Pyrene	19.469	202	121625	2.467	ng/u1	98
85) Benzo(a)anthracene	21.357	228	53863	1.035	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	27781	1.133	ng/u1#	99
87) Chrysene	21.416	228	76129	1.527	ng/u1	96
90) Benzo(b)fluoranthene	23.545	252	103837	1.917	ng/u1#	95
93) Benzo(a)pyrene	24.380	252	55725	1.135	ng/u1#	92
96) Benzo(g,h,i)perylene	29.227	276	49115m	1.016	ng/u1	

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

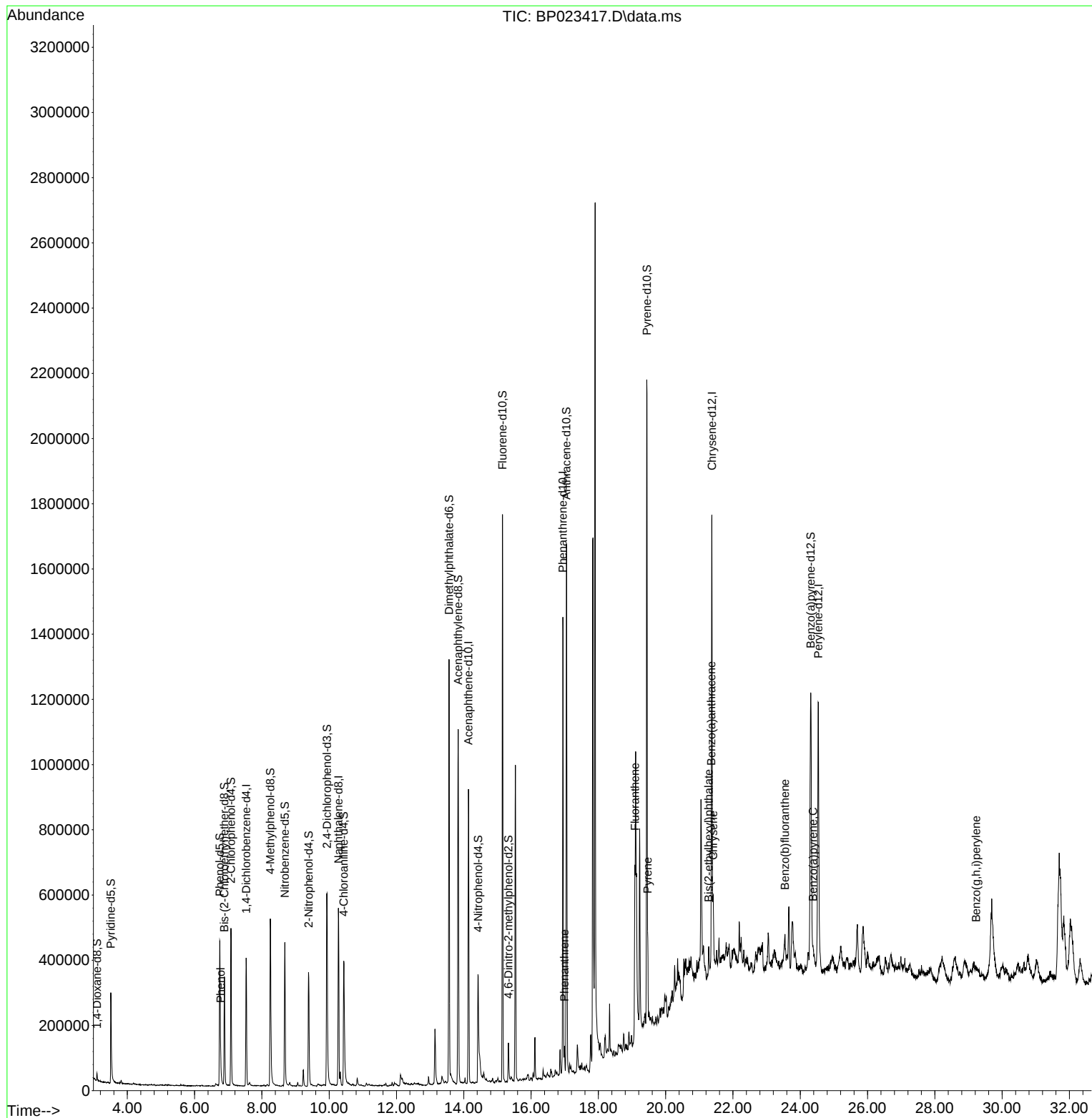
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023417.D
Acq On : 13 Dec 2024 12:49
Operator : RC/JU
Sample : P5232-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

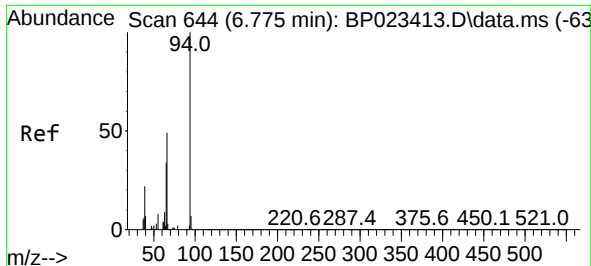
Instrument :
BNA_P
ClientSampleId :
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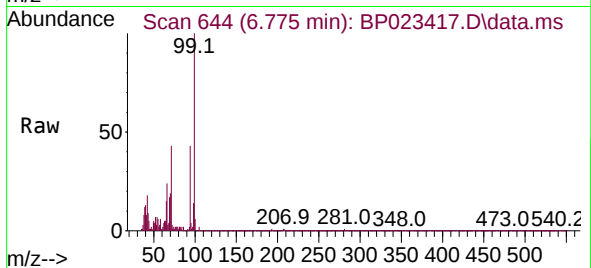
Quant Time: Dec 13 23:09:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration





#8
Phenol
Concen: 2.664 ng/ul m
RT: 6.775 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP023417.D
Acq: 13 Dec 2024 12:49

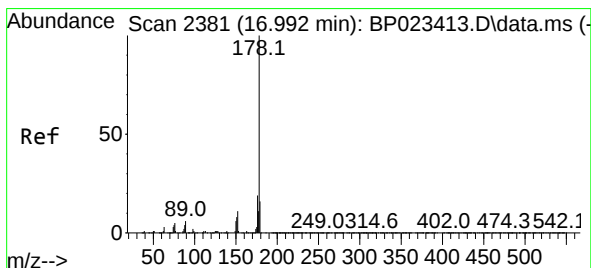
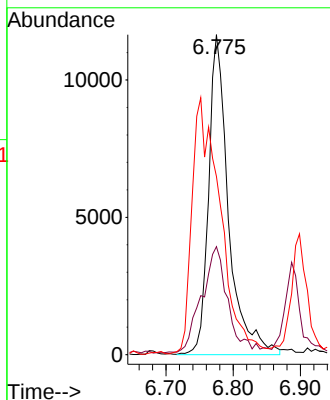
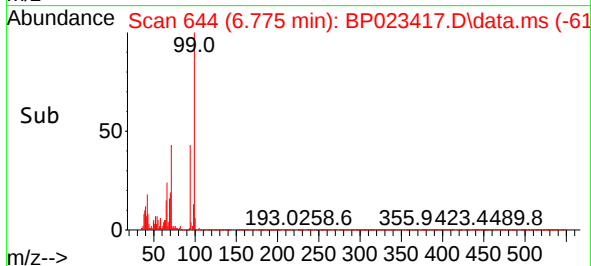
Instrument :
BNA_P
ClientSampleId :
E28S7



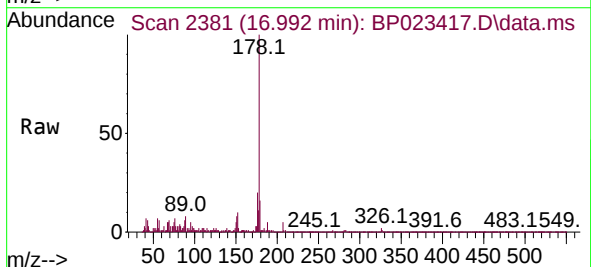
Tgt Ion: 94 Resp: 24019
Ion Ratio Lower Upper
94 100
65 33.7 28.0 42.0
66 55.7 42.0 63.0

Manual Integrations
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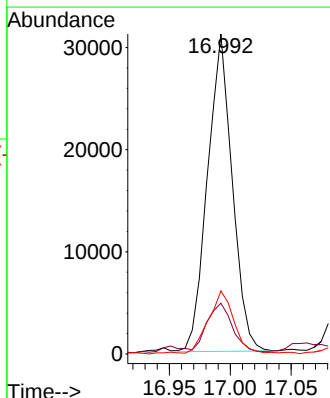
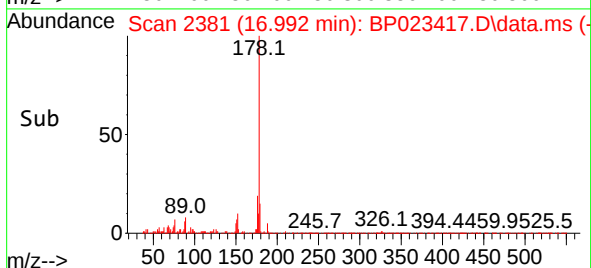
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

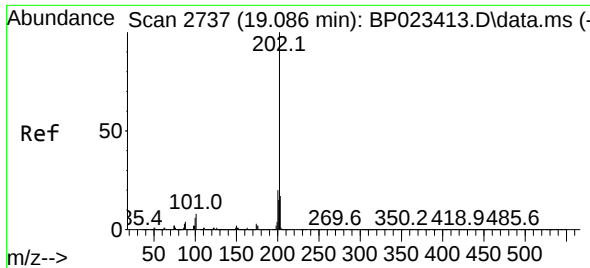


#72
Phenanthrene
Concen: 1.093 ng/ul
RT: 16.992 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP023417.D
Acq: 13 Dec 2024 12:49



Tgt Ion:178 Resp: 43884
Ion Ratio Lower Upper
178 100
179 15.8 12.1 18.1
176 19.7 15.4 23.0





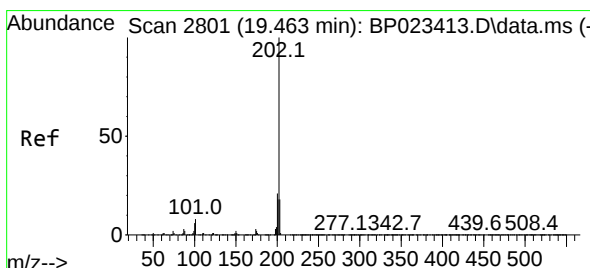
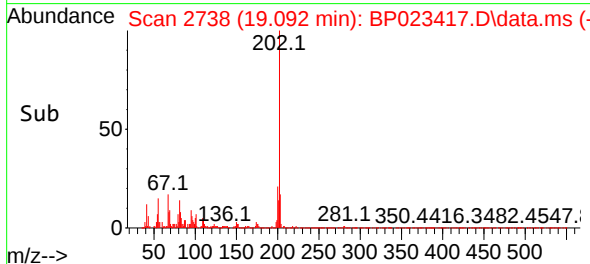
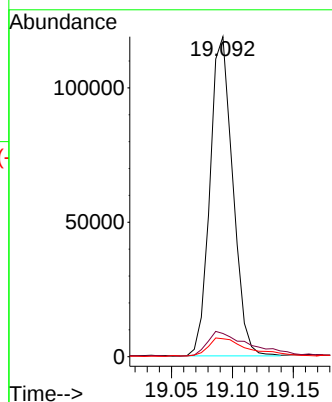
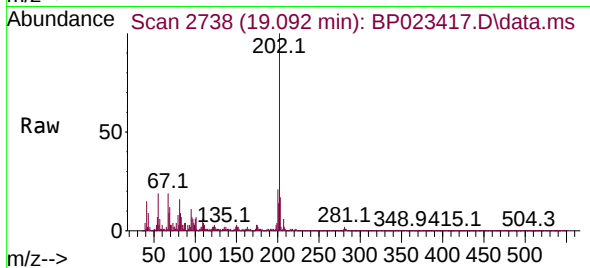
#80
Fluoranthene
Concen: 3.337 ng/ul
RT: 19.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP023417.D
Acq: 13 Dec 2024 12:49

Instrument :
BNA_P
ClientSampleId :
E28S7

Tgt Ion:202 Resp: 155010
Ion Ratio Lower Upper
202 100
101 7.3 5.6 8.4
100 5.6 4.6 7.0

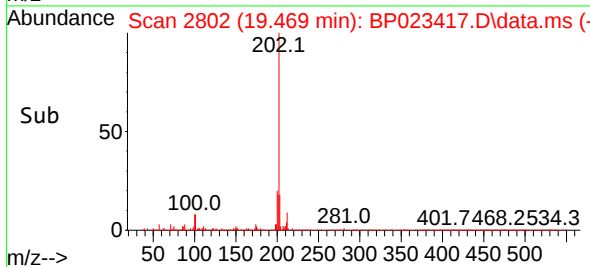
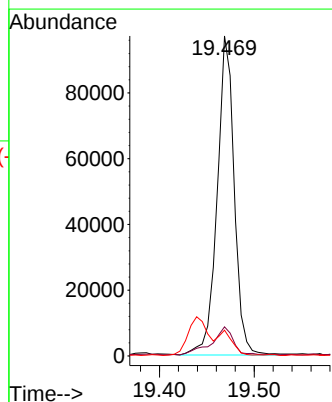
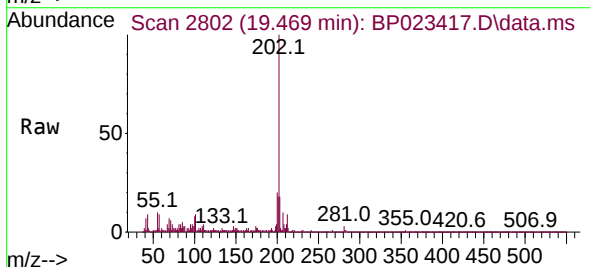
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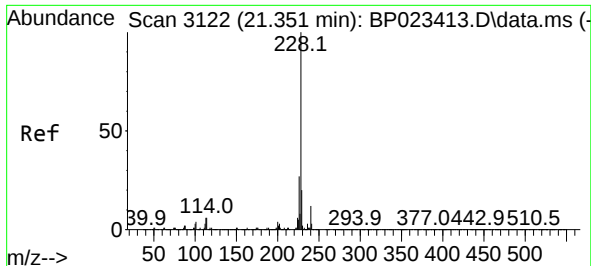
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#82
Pyrene
Concen: 2.467 ng/ul
RT: 19.469 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BP023417.D
Acq: 13 Dec 2024 12:49

Tgt Ion:202 Resp: 121625
Ion Ratio Lower Upper
202 100
101 9.1 6.7 10.1
100 8.1 5.8 8.8





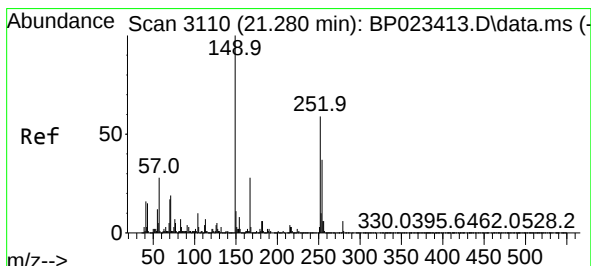
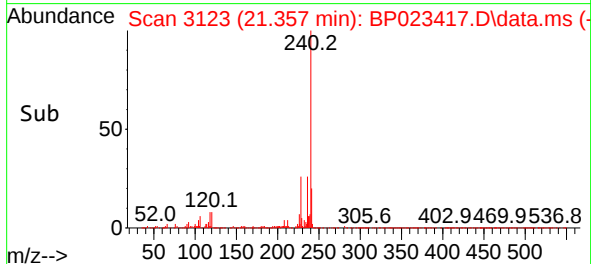
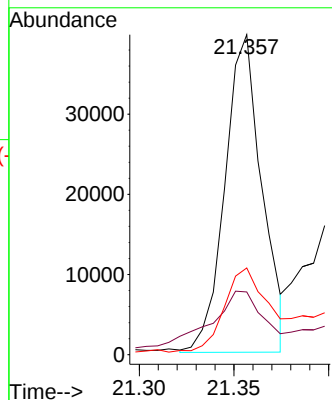
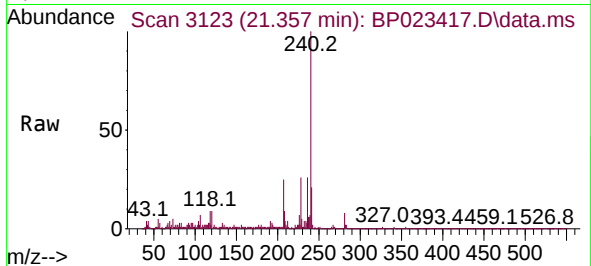
#85
Benzo(a)anthracene
Concen: 1.035 ng/ul
RT: 21.357 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP023417.D
Acq: 13 Dec 2024 12:49

Instrument :
BNA_P
ClientSampleId :
E28S7

Tgt Ion:228 Resp: 5386
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.1 21.6 32.4

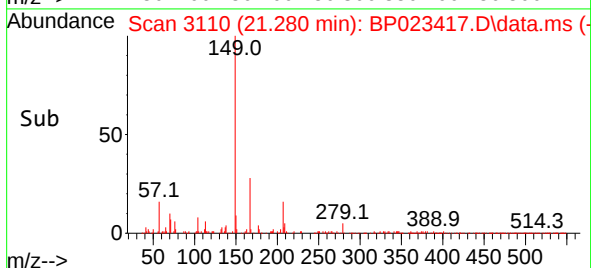
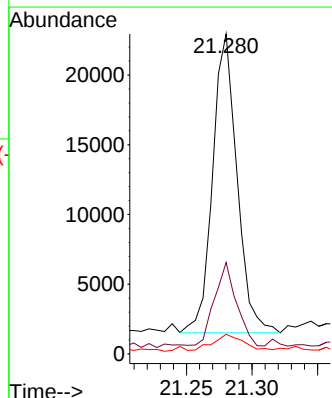
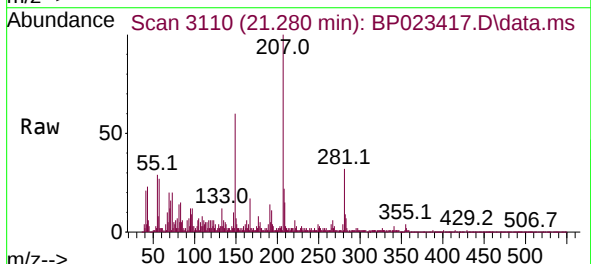
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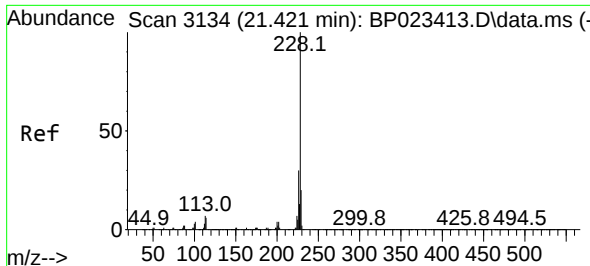
Reviewed By :Yogesh Patel 12/14/2024
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#86
Bis(2-ethylhexyl)phthalate
Concen: 1.133 ng/ul
RT: 21.280 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BP023417.D
Acq: 13 Dec 2024 12:49

Tgt Ion:149 Resp: 27781
Ion Ratio Lower Upper
149 100
167 28.6 22.5 33.7
279 6.2 3.7 5.5#





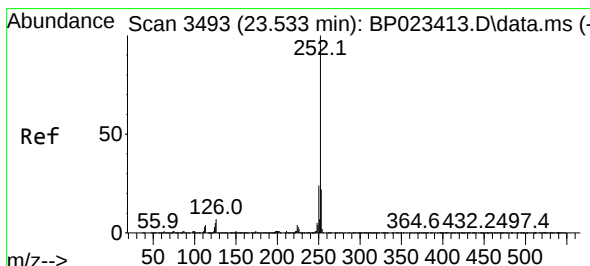
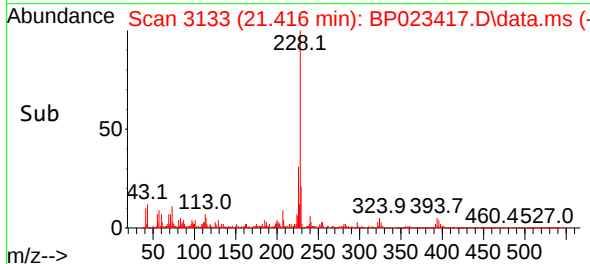
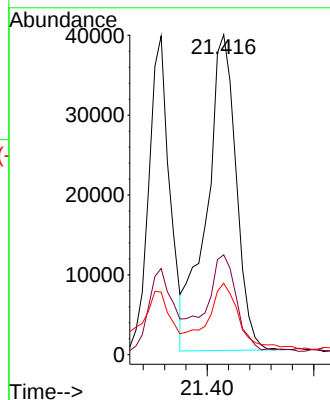
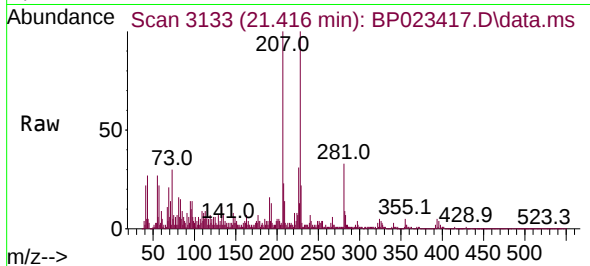
#87
Chrysene
Concen: 1.527 ng/ul
RT: 21.416 min Scan# 3134
Delta R.T. -0.024 min
Lab File: BP023417.D
Acq: 13 Dec 2024 12:49

Instrument :
BNA_P
ClientSampleId :
E28S7

Tgt Ion:228 Resp: 76129
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.2
229 22.3 15.6 23.4

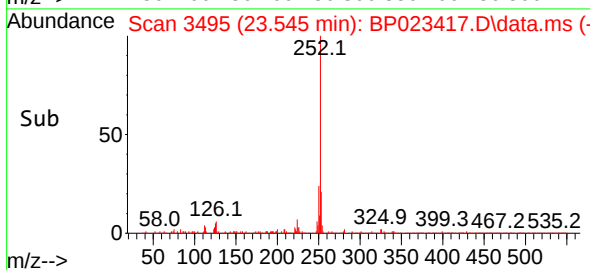
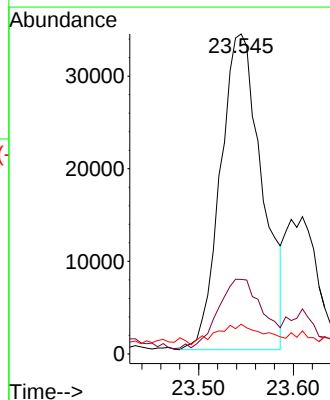
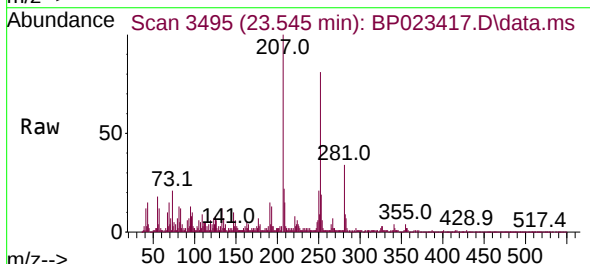
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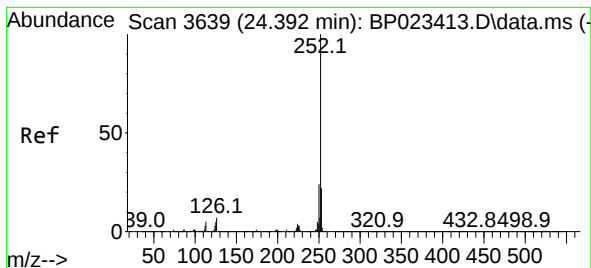
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#90
Benzo(b)fluoranthene
Concen: 1.917 ng/ul
RT: 23.545 min Scan# 3495
Delta R.T. -0.012 min
Lab File: BP023417.D
Acq: 13 Dec 2024 12:49

Tgt Ion:252 Resp: 103837
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 9.3 4.4 6.6





#93

Benzo(a)pyrene

Concen: 1.135 ng/ul

RT: 24.380 min Scan# 3639

Delta R.T. -0.030 min

Lab File: BP023417.D

Acq: 13 Dec 2024 12:49

Instrument :

BNA_P

ClientSampleId :

E28S7

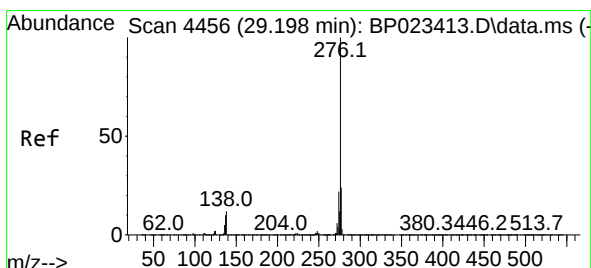
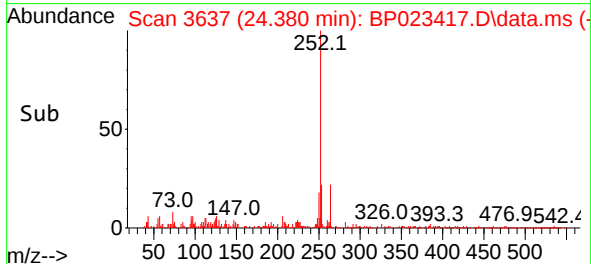
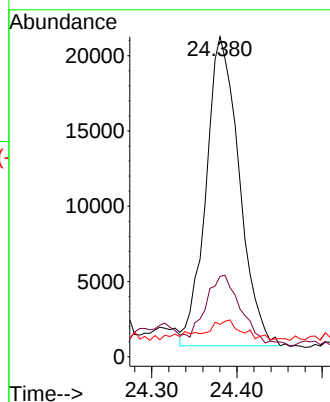
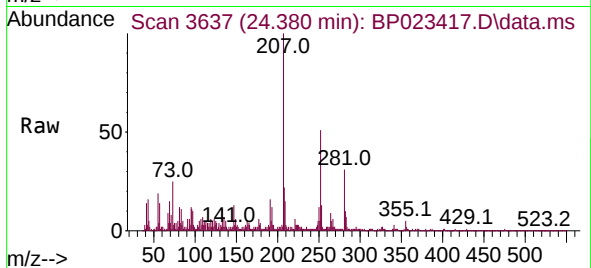
Tgt Ion:	252	Resp:	5572
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.4	26.0
125	10.1	5.0	7.4

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2024



#96

Benzo(g,h,i)perylene

Concen: 1.016 ng/ul m

RT: 29.227 min Scan# 4461

Delta R.T. -0.024 min

Lab File: BP023417.D

Acq: 13 Dec 2024 12:49

Tgt Ion:	276	Resp:	49115
Ion Ratio	Lower	Upper	
276	100		
138	14.3	8.5	12.7
277	25.3	18.9	28.3

