

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023546.D
 Acq On : 20 Dec 2024 04:07
 Operator : RC/JU
 Sample : P5265-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Z5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 04:41:00 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	7.522	152	273516	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.263	136	1075433	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.134	164	806571	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.939	188	1863676	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.363	240	1793805	20.000	ng/u1	#-0.02
88) Perylene-d12	24.527	264	1954366	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	21976	2.958	ng/uL	-0.01
4) Pyridine-d5	3.511	84	263231	13.779	ng/u1	0.00
7) Phenol-d5	6.740	99	429524	20.014	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	262054	19.354	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.075	132	305986	19.318	ng/u1	-0.01
15) 4-Methylphenol-d8	8.246	113	319010	18.418	ng/u1	-0.01
21) Nitrobenzene-d5	8.663	128	145280	18.091	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.375	143	172516	18.639	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.922	165	340831	17.448	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.428	131	319867	14.617	ng/u1	-0.01
46) Dimethylphthalate-d6	13.551	166	1058169	16.900	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	1112377	16.843	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	146417m	19.082	ng/u1	0.04
60) Fluorene-d10	15.151	176	841407	15.278	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	72481m	6.435	ng/u1	0.01
73) Anthracene-d10	17.045	188	1354809	15.928	ng/u1	0.00
81) Pyrene-d10	19.428	212	1422308	15.176	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.321	264	1152412	11.015	ng/u1	-0.02
Target Compounds						
					Qvalue	
8) Phenol	6.769	94	36438m	1.631	ng/u1	
72) Phenanthrene	16.987	178	169805	1.762	ng/u1	99
80) Fluoranthene	19.081	202	469104	4.368	ng/u1#	91
82) Pyrene	19.457	202	407415	3.575	ng/u1#	91
85) Benzo(a)anthracene	21.345	228	212839	1.769	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.275	149	295883	5.220	ng/u1	100
87) Chrysene	21.410	228	200022	1.735	ng/u1	98
90) Benzo(b)fluoranthene	23.551	252	258559m	2.106	ng/u1	
93) Benzo(a)pyrene	24.392	252	190737	1.713	ng/u1#	94
96) Benzo(g,h,i)perylene	29.251	276	139503m	1.274	ng/u1	

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

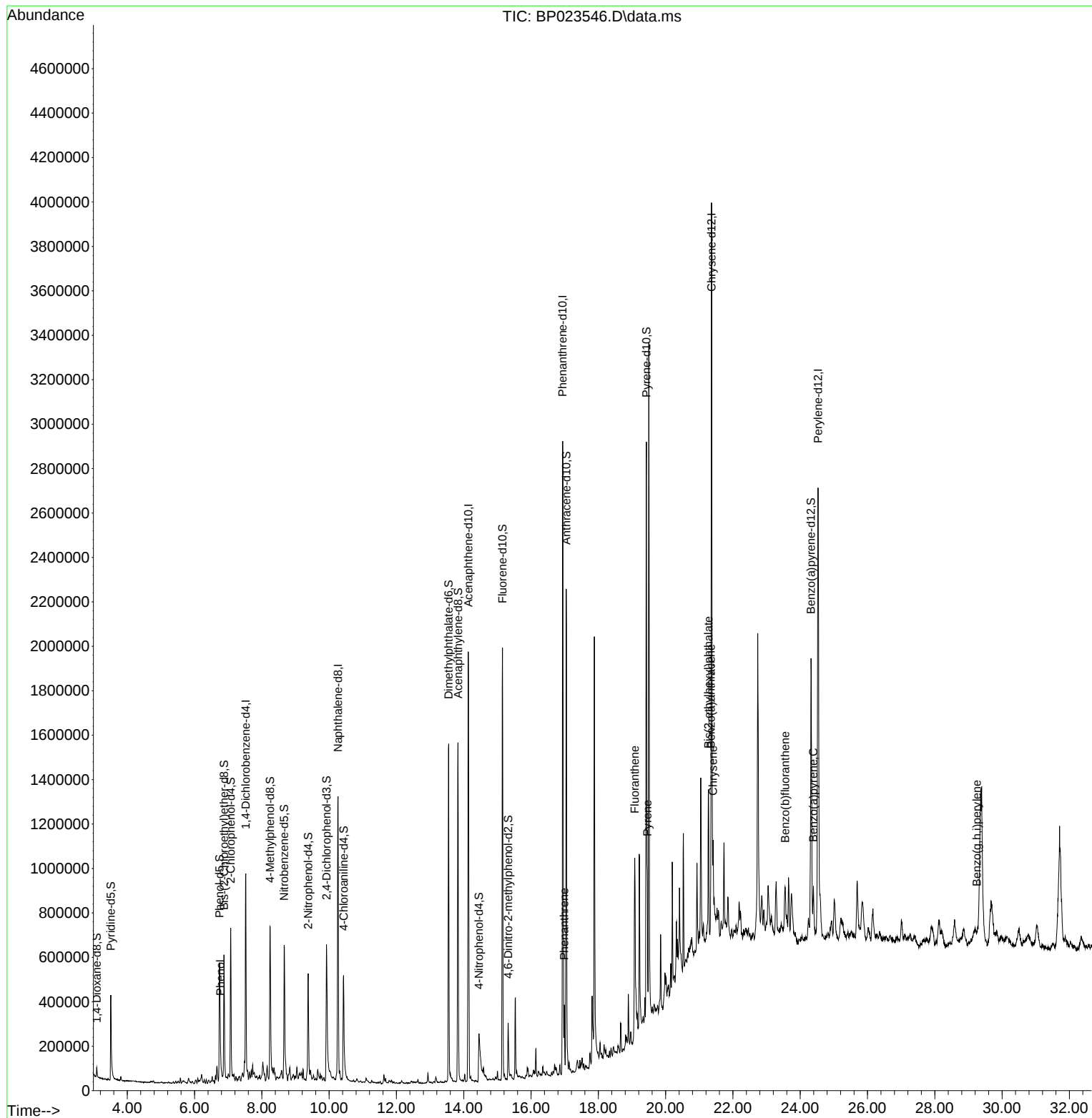
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023546.D
Acq On : 20 Dec 2024 04:07
Operator : RC/JU
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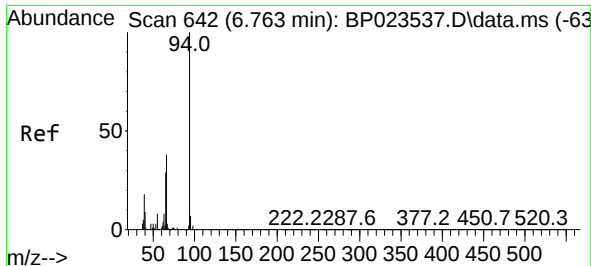
Instrument :
BNA_P
ClientSampleId :
E28Z5

Manual Integrations
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Supervised By :mohammad ahmed 12/21/2024

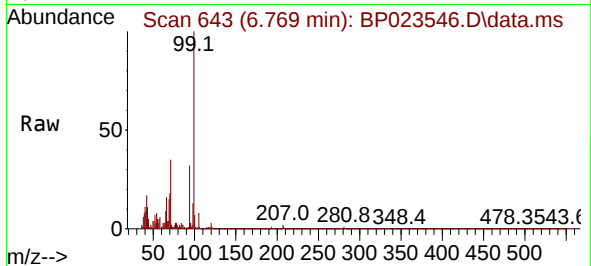
Quant Time: Dec 20 04:41:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.631 ng/ul m
RT: 6.769 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP023546.D
Acq: 20 Dec 2024 04:07

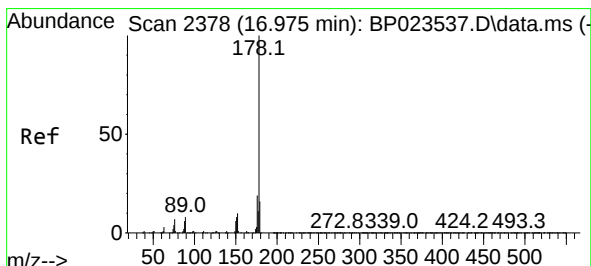
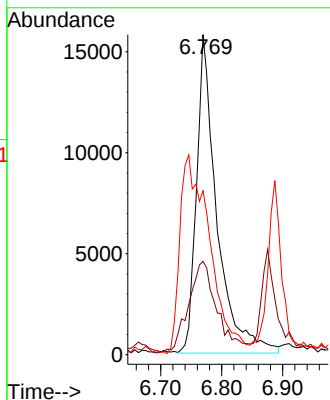
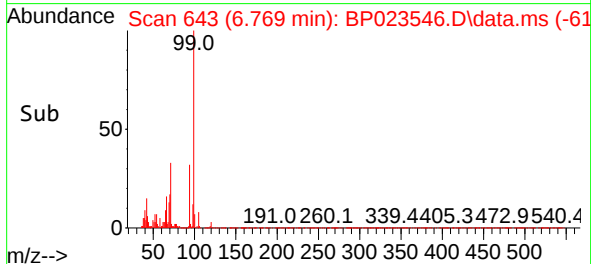
Instrument :
BNA_P
ClientSampleId :
E28Z5



Tgt Ion: 94 Resp: 36438
Ion Ratio Lower Upper
94 100
65 29.1 28.0 42.0
66 51.2 42.0 63.0

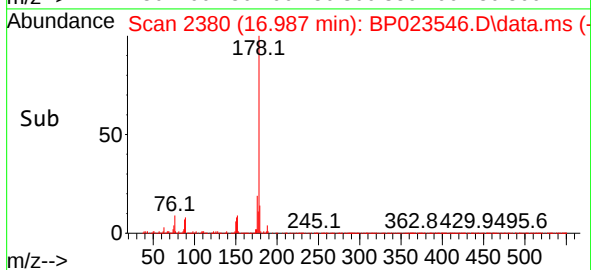
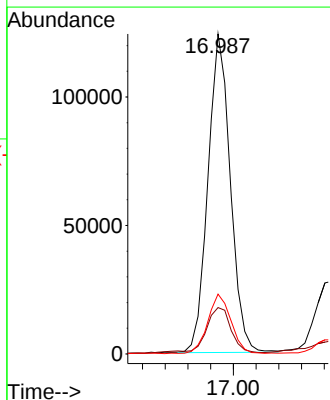
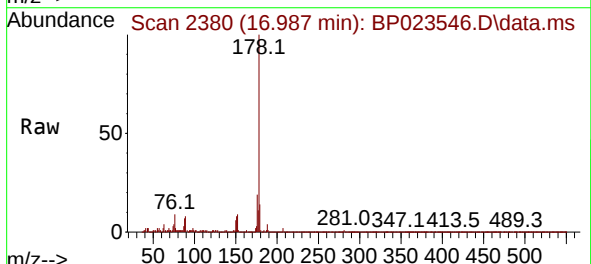
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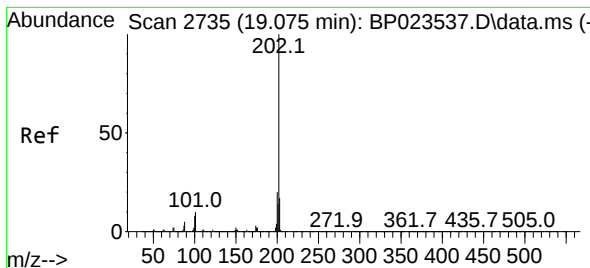
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#72
Phenanthrene
Concen: 1.762 ng/ul
RT: 16.987 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP023546.D
Acq: 20 Dec 2024 04:07

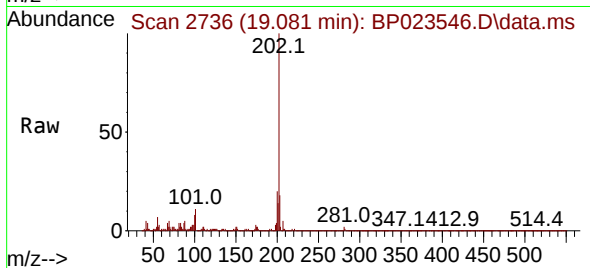
Tgt Ion:178 Resp: 169805
Ion Ratio Lower Upper
178 100
179 14.5 12.1 18.1
176 18.7 15.4 23.0





#80
Fluoranthene
Concen: 4.368 ng/ul
RT: 19.081 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP023546.D
Acq: 20 Dec 2024 04:07

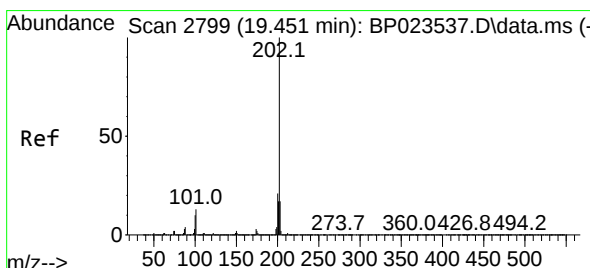
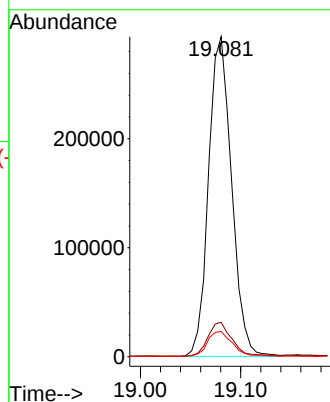
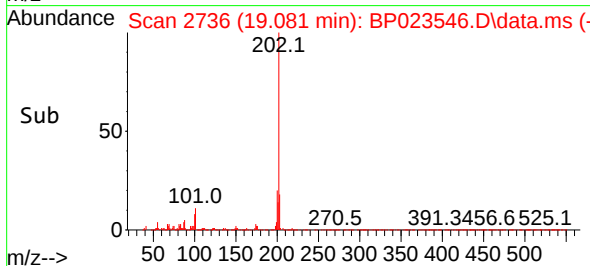
Instrument :
BNA_P
ClientSampleId :
E28Z5



Tgt Ion:202 Resp: 469104
Ion Ratio Lower Upper
202 100
101 10.8 5.6 8.4#
100 7.9 4.6 7.0#

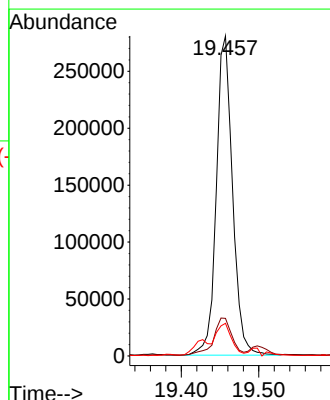
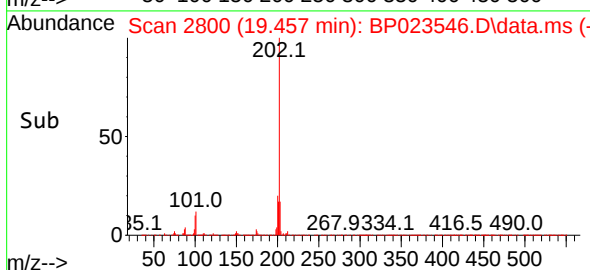
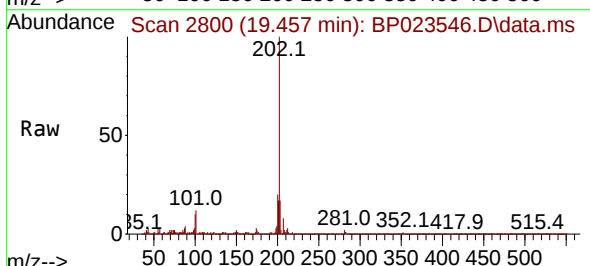
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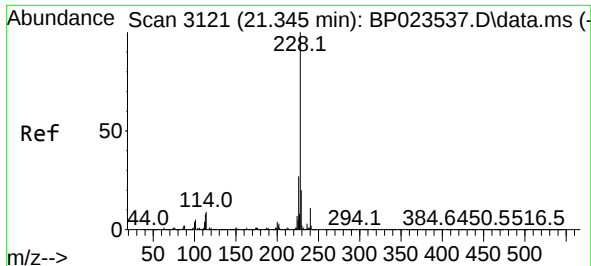
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#82
Pyrene
Concen: 3.575 ng/ul
RT: 19.457 min Scan# 2800
Delta R.T. -0.018 min
Lab File: BP023546.D
Acq: 20 Dec 2024 04:07

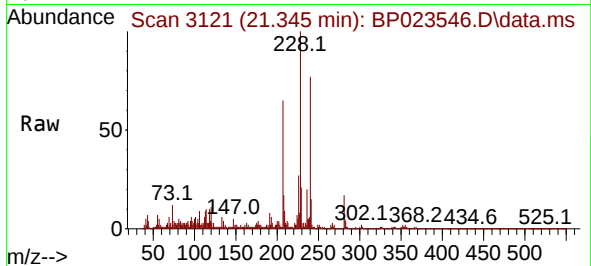
Tgt Ion:202 Resp: 407415
Ion Ratio Lower Upper
202 100
101 11.8 6.7 10.1#
100 10.2 5.8 8.8#





#85
Benzo(a)anthracene
Concen: 1.769 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.024 min
Lab File: BP023546.D
Acq: 20 Dec 2024 04:07

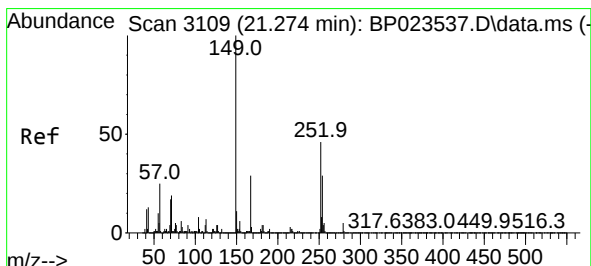
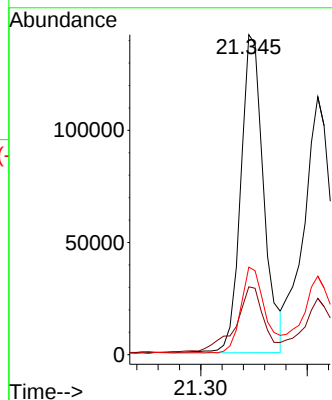
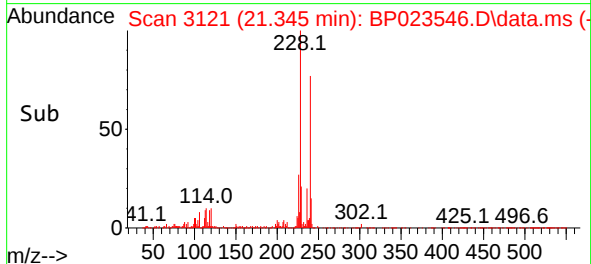
Instrument : BNA_P
ClientSampleId : E28Z5



Tgt Ion:228 Resp: 212839
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 27.4 21.6 32.4

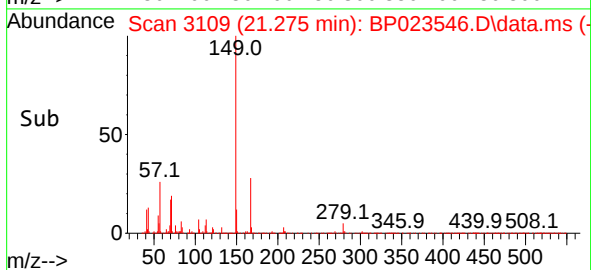
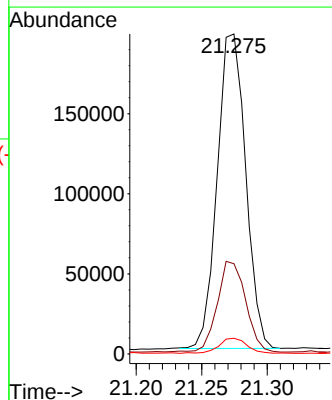
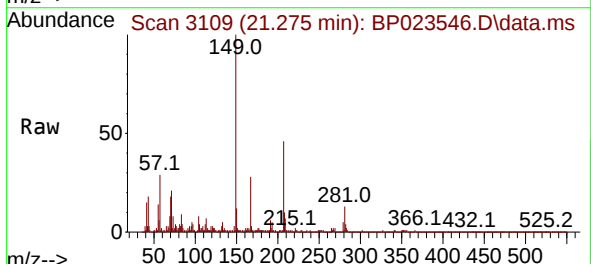
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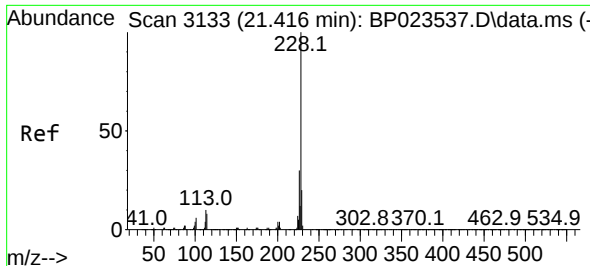
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 5.220 ng/ul
RT: 21.275 min Scan# 3109
Delta R.T. -0.024 min
Lab File: BP023546.D
Acq: 20 Dec 2024 04:07

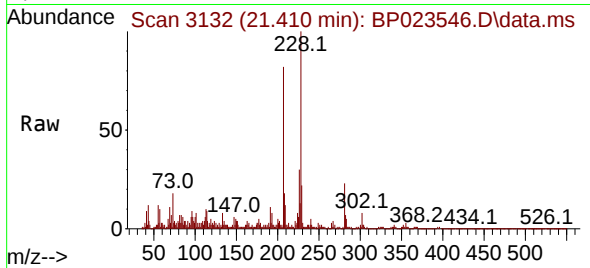
Tgt Ion:149 Resp: 295883
Ion Ratio Lower Upper
149 100
167 28.2 22.5 33.7
279 4.9 3.7 5.5





#87
Chrysene
Concen: 1.735 ng/ul
RT: 21.410 min Scan# 3133
Delta R.T. -0.029 min
Lab File: BP023546.D
Acq: 20 Dec 2024 04:07

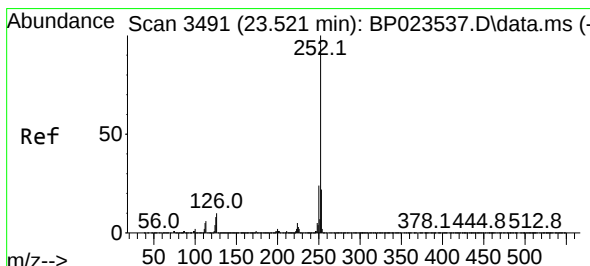
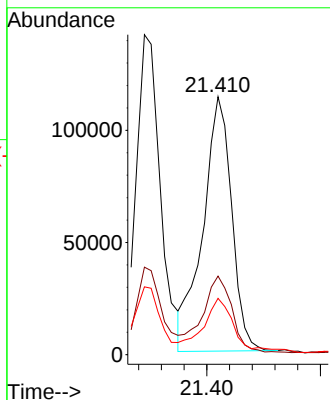
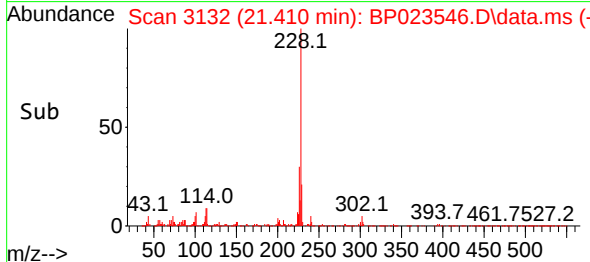
Instrument :
BNA_P
ClientSampleId :
E28Z5



Tgt Ion:228 Resp: 20002
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 21.9 15.6 23.4

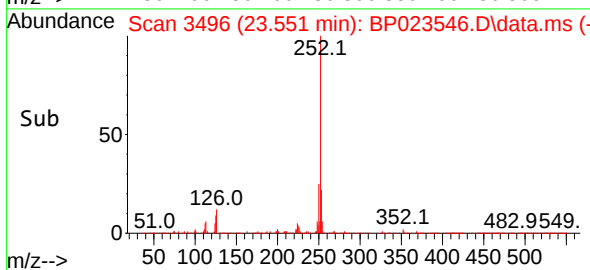
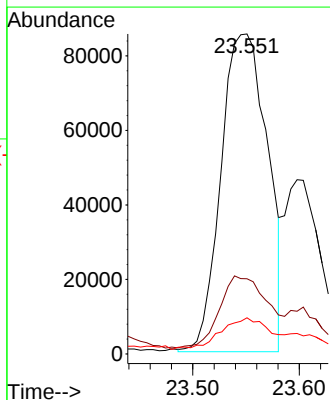
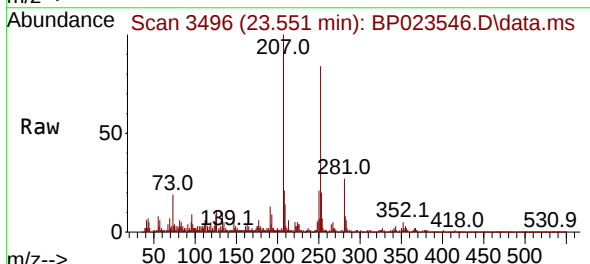
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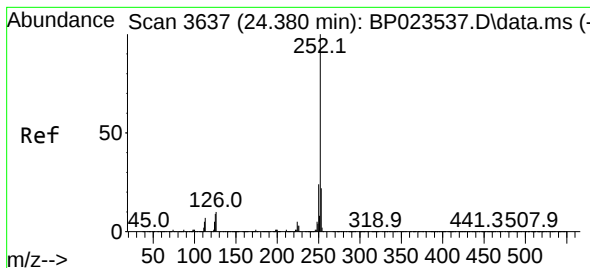
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#90
Benzo(b)fluoranthene
Concen: 2.106 ng/ul m
RT: 23.551 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BP023546.D
Acq: 20 Dec 2024 04:07

Tgt Ion:252 Resp: 258559
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 11.3 4.4 6.6





#93

Benzo(a)pyrene

Concen: 1.713 ng/ul

RT: 24.392 min Scan# 30

Delta R.T. -0.018 min

Lab File: BP023546.D

Acq: 20 Dec 2024 04:07

Instrument :

BNA_P

ClientSampleId :

E28Z5

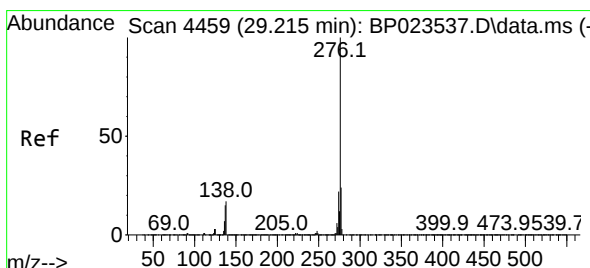
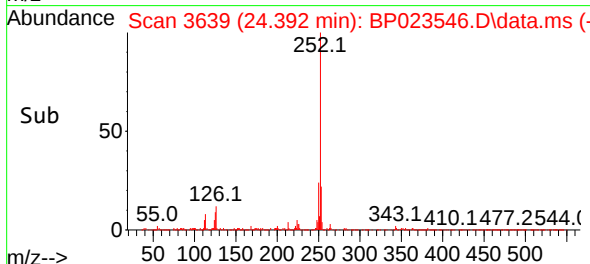
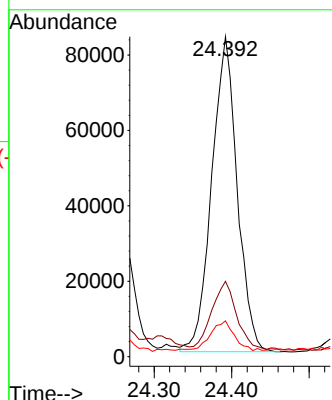
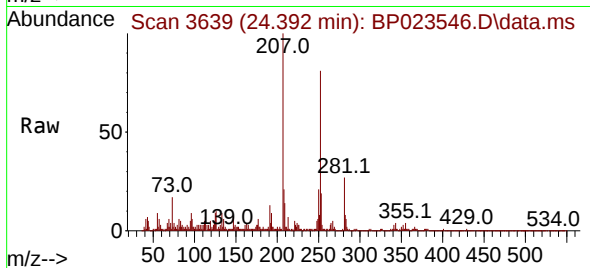
Tgt Ion:252 Resp: 19073
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.4 26.0
 125 11.2 5.0 7.4

Manual Integrations

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Supervised By :mohammad ahmed 12/21/2024



#96

Benzo(g,h,i)perylene

Concen: 1.274 ng/ul m

RT: 29.251 min Scan# 4465

Delta R.T. -0.000 min

Lab File: BP023546.D

Acq: 20 Dec 2024 04:07

Tgt Ion:276 Resp: 139503
 Ion Ratio Lower Upper
 276 100
 138 19.6 8.5 12.7#
 277 24.7 18.9 28.3

