

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022519.D
 Acq On : 22 Oct 2024 00:56
 Operator : RC/JU
 Sample : P4414-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F70

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 02:01:36 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	98045	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	360727	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	272574	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	667631	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	752554	20.000	ng/u1	0.00
88) Perylene-d12	24.768	264	916971	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	9602	3.806	ng/uL	0.00
4) Pyridine-d5	3.611	84	127539	18.414	ng/u1	0.00
7) Phenol-d5	6.858	99	173503	21.023	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	103915	21.423	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	130489	22.282	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	142946	21.703	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	65580	23.644	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	78060	24.309	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	159693	23.399	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	169942	21.073	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	525451	24.263	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	561821	24.425	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	68055	18.732	ng/u1	0.00
60) Fluorene-d10	15.292	176	471149	25.082	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	78438	17.864	ng/u1	0.00
73) Anthracene-d10	17.169	188	781052	24.869	ng/u1	0.00
81) Pyrene-d10	19.557	212	996368	25.037	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.545	264	1225836	25.032	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.116	178	111446	3.120	ng/u1	99
80) Fluoranthene	19.210	202	201546	4.405	ng/u1	98
82) Pyrene	19.586	202	196767	4.013	ng/u1	98
85) Benzo(a)anthracene	21.480	228	107677	2.041	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.422	149	42462	1.733	ng/u1	96
87) Chrysene	21.545	228	118826	2.429	ng/u1	97
90) Benzo(b)fluoranthene	23.727	252	147835	2.561	ng/u1	99
93) Benzo(a)pyrene	24.621	252	100974	1.901	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.462	276	72832m	1.027	ng/u1	
96) Benzo(g,h,i)perylene	29.621	276	71897m	1.304	ng/u1	

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

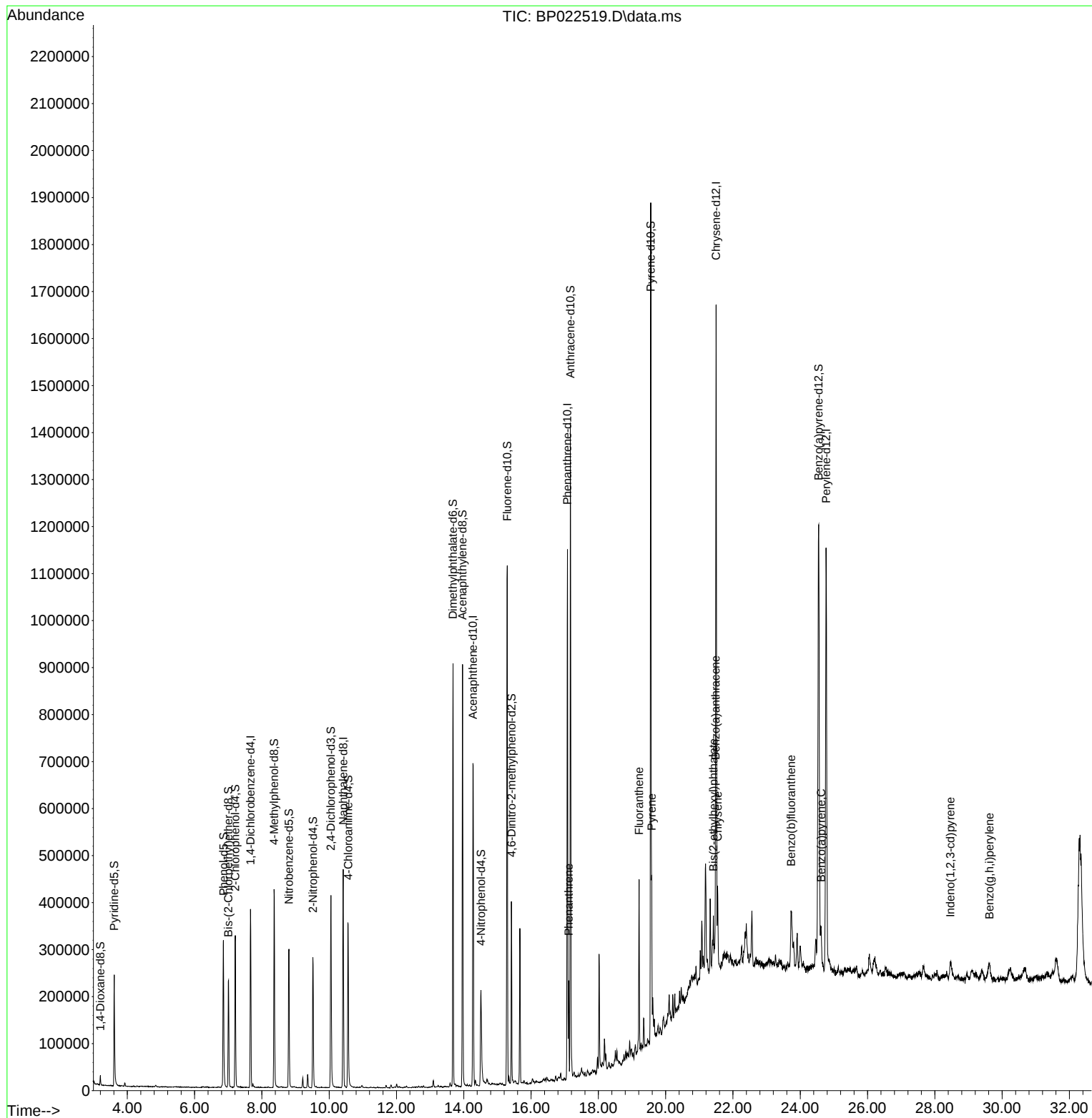
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022519.D
Acq On : 22 Oct 2024 00:56
Operator : RC/JU
Sample : P4414-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

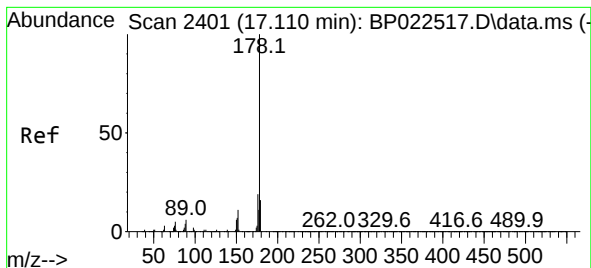
Instrument :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.120 ng/ul

RT: 17.116 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BP022519.D

Acq: 22 Oct 2024 00:56

Instrument :

BNA_P

ClientSampleId :

A4F70

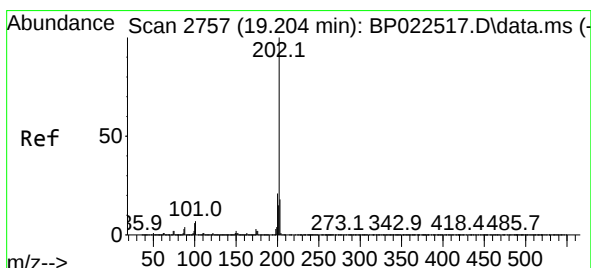
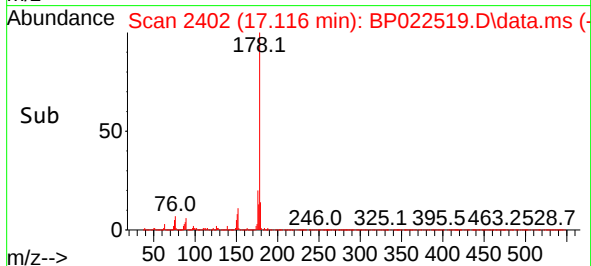
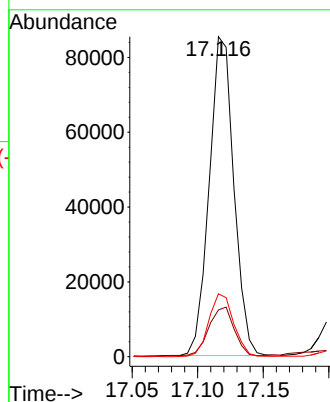
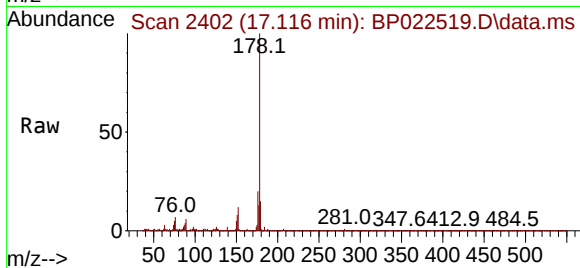
Tgt Ion:178	Resp: 111440
Ion Ratio	Lower Upper
178 100	
179 14.6	12.2 18.4
176 19.6	15.7 23.5

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#80

Fluoranthene

Concen: 4.405 ng/ul

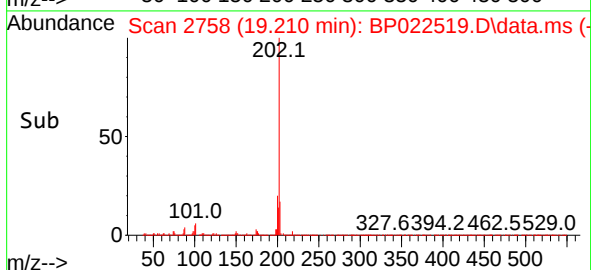
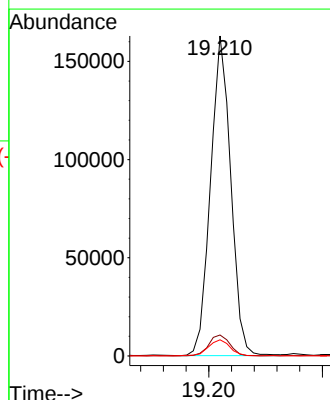
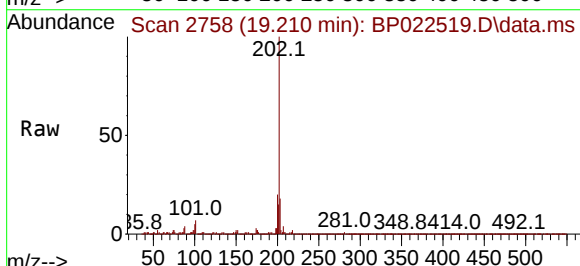
RT: 19.210 min Scan# 2758

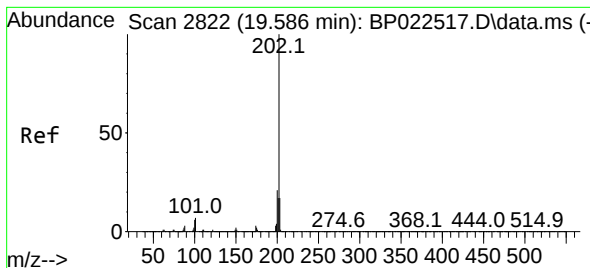
Delta R.T. 0.000 min

Lab File: BP022519.D

Acq: 22 Oct 2024 00:56

Tgt Ion:202	Resp: 201546
Ion Ratio	Lower Upper
202 100	
101 6.5	5.8 8.8
100 5.1	4.5 6.7





#82

Pyrene

Concen: 4.013 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP022519.D

Acq: 22 Oct 2024 00:56

Instrument :

BNA_P

ClientSampleId :

A4F70

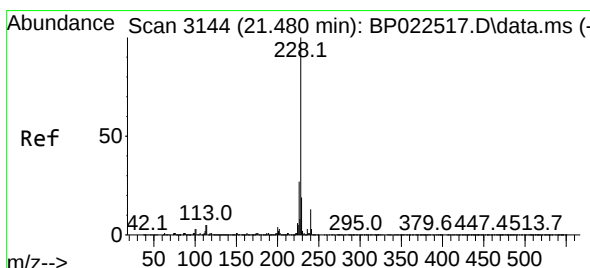
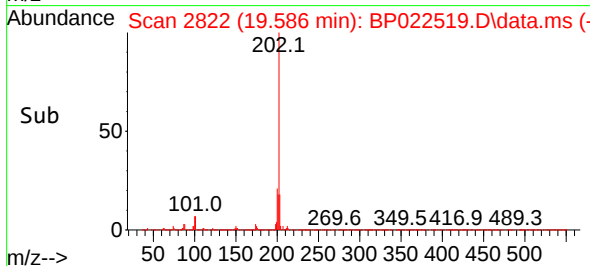
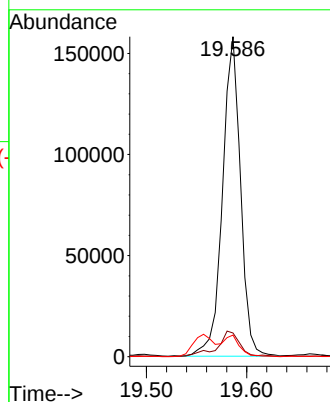
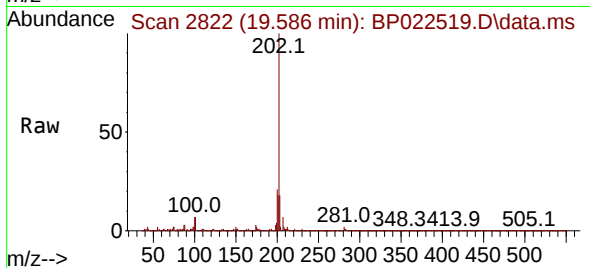
Tgt Ion:202	Resp: 19676
Ion Ratio	Lower Upper
202 100	
101 7.4	6.7 10.1
100 6.7	5.8 8.6

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#85

Benzo(a)anthracene

Concen: 2.041 ng/ul

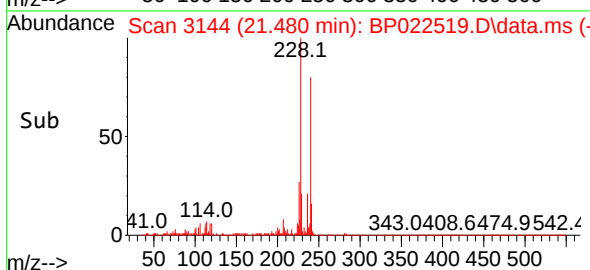
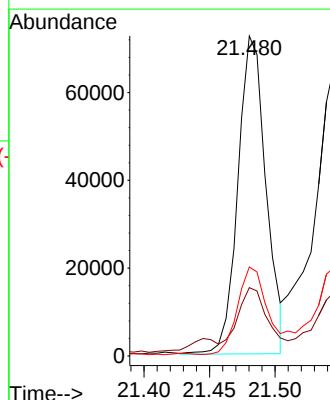
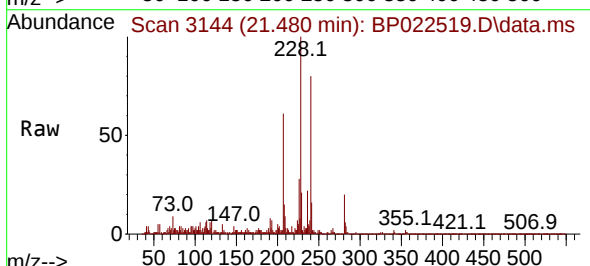
RT: 21.480 min Scan# 3144

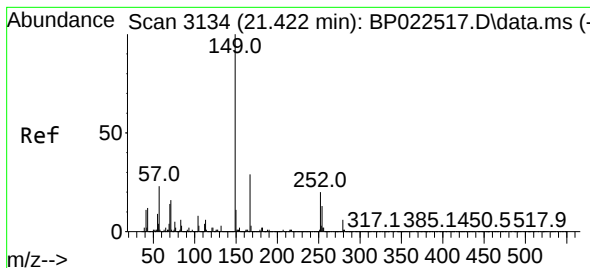
Delta R.T. 0.000 min

Lab File: BP022519.D

Acq: 22 Oct 2024 00:56

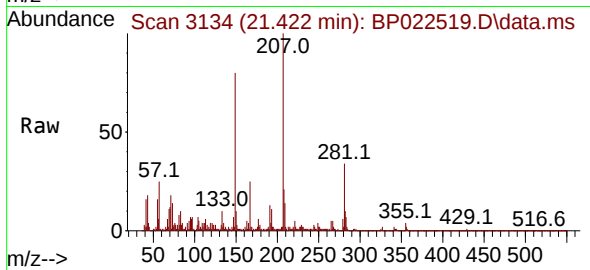
Tgt Ion:228	Resp: 107677
Ion Ratio	Lower Upper
228 100	
229 21.4	15.4 23.0
226 27.8	21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.733 ng/ul
RT: 21.422 min Scan# 3134
Delta R.T. 0.006 min
Lab File: BP022519.D
Acq: 22 Oct 2024 00:56

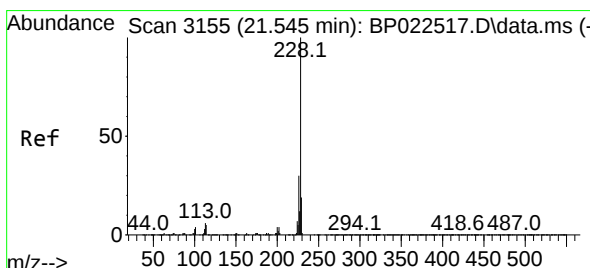
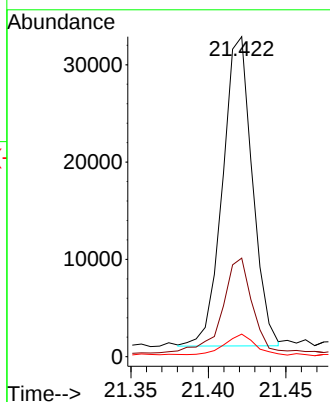
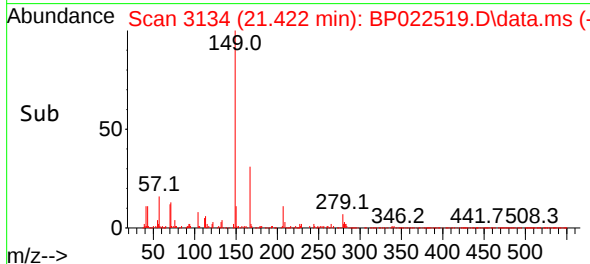
Instrument :
BNA_P
ClientSampleId :
A4F70



Tgt Ion:149 Resp: 42462
Ion Ratio Lower Upper
149 100
167 30.8 23.0 34.4
279 7.1 4.8 7.2

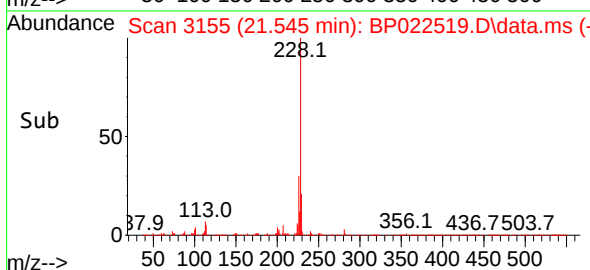
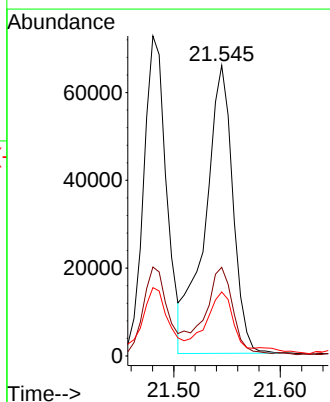
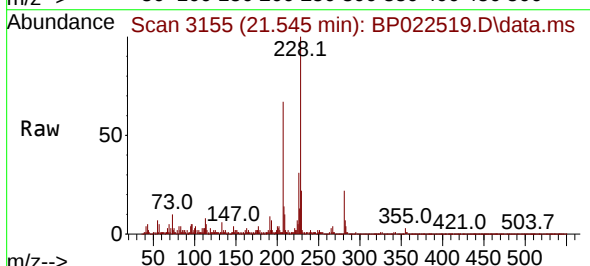
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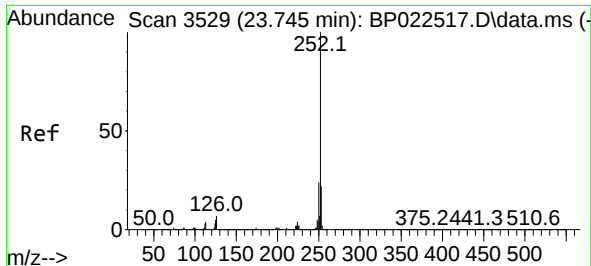
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#87
Chrysene
Concen: 2.429 ng/ul
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP022519.D
Acq: 22 Oct 2024 00:56

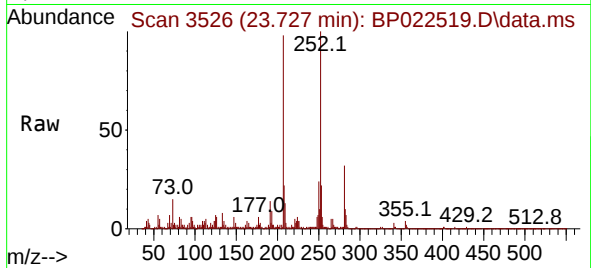
Tgt Ion:228 Resp: 118826
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 22.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.561 ng/u1
RT: 23.727 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP022519.D
Acq: 22 Oct 2024 00:56

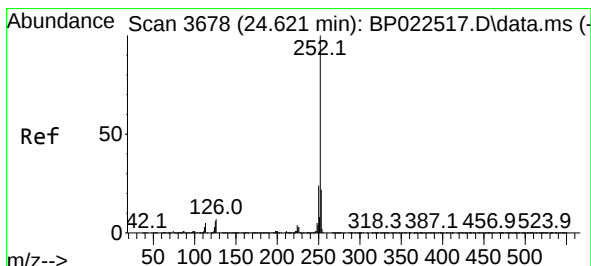
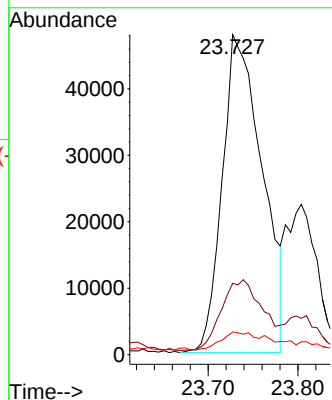
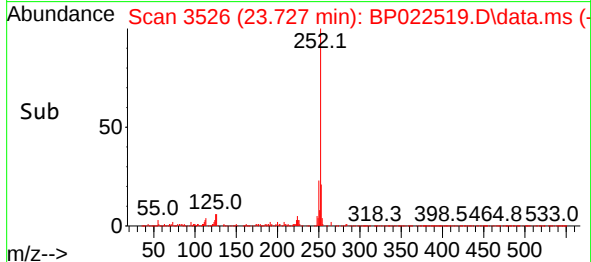
Instrument :
BNA_P
ClientSampleId :
A4F70



Tgt Ion:252 Resp: 147835
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.1 5.0 7.4

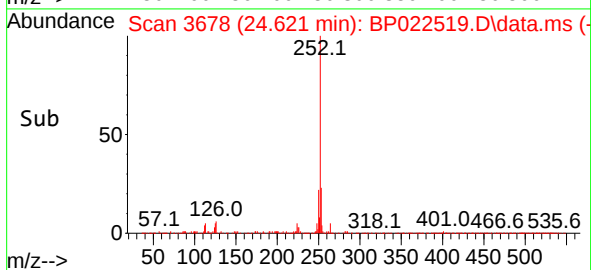
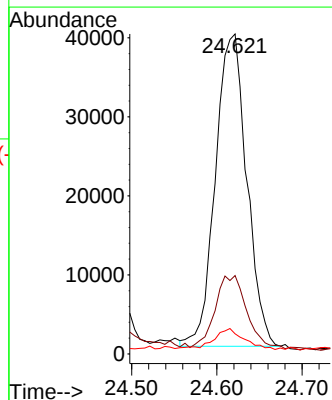
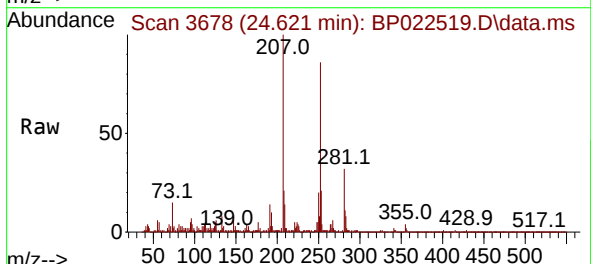
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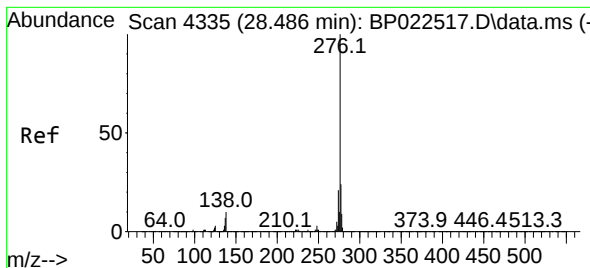
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#93
Benzo(a)pyrene
Concen: 1.901 ng/u1
RT: 24.621 min Scan# 3678
Delta R.T. 0.018 min
Lab File: BP022519.D
Acq: 22 Oct 2024 00:56

Tgt Ion:252 Resp: 100974
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 6.3 4.9 7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.027 ng/ul m

RT: 28.462 min Scan# 4335

Delta R.T. 0.030 min

Lab File: BP022519.D

Acq: 22 Oct 2024 00:56

Instrument :

BNA_P

ClientSampleId :

A4F70

Tgt Ion:276 Resp: 7283

Ion Ratio Lower Upper

276 100

138 10.2 9.1 13.7

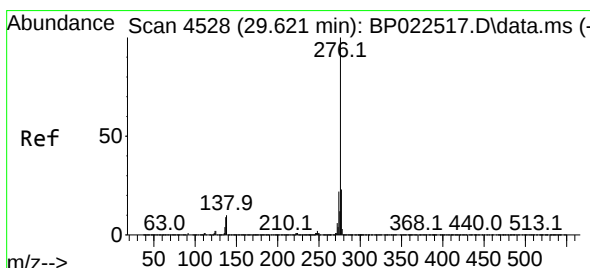
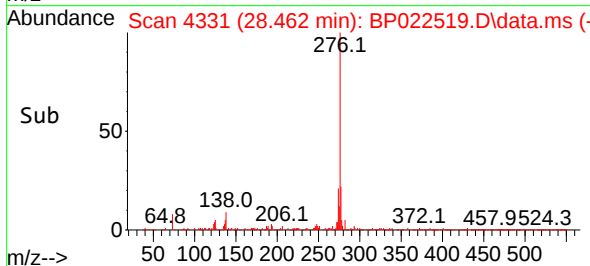
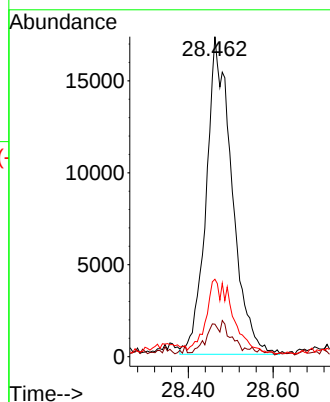
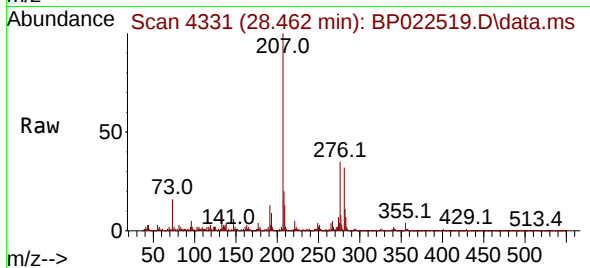
277 24.2 18.6 27.8

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.304 ng/ul m

RT: 29.621 min Scan# 4528

Delta R.T. 0.047 min

Lab File: BP022519.D

Acq: 22 Oct 2024 00:56

Tgt Ion:276 Resp: 71897

Ion Ratio Lower Upper

276 100

138 11.7 8.5 12.7

277 24.7 19.0 28.4

