

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022509.D
 Acq On : 21 Oct 2024 17:28
 Operator : RC/JU
 Sample : P4429-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F66

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 18:01:13 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	99079	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	393951	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.274	164	304583	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.068	188	723077	20.000	ng/u1	-0.01
79) Chrysene-d12	21.509	240	683848	20.000	ng/u1	0.01
88) Perylene-d12	24.762	264	814767	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	8980	3.522	ng/uL	0.00
4) Pyridine-d5	3.610	84	117521	16.790	ng/u1	0.00
7) Phenol-d5	6.857	99	192998	23.141	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	109605	22.360	ng/u1	0.00
11) 2-Chlorophenol-d4	7.204	132	141088	23.841	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	171282	25.734	ng/u1	0.00
21) Nitrobenzene-d5	8.798	128	73118	24.139	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	89275	25.457	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	190120	25.507	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	203576	23.115	ng/u1	0.00
46) Dimethylphthalate-d6	13.680	166	674062	27.854	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	702235	27.321	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	86663	21.347	ng/u1	0.00
60) Fluorene-d10	15.274	176	590287	28.122	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.421	200	86621	18.215	ng/u1	0.00
73) Anthracene-d10	17.186	188	989298	29.084	ng/u1	0.02
81) Pyrene-d10	19.551	212	1148379	31.755	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.545	264	1269993	29.187	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.116	178	104941	2.713	ng/u1	99
80) Fluoranthene	19.198	202	226374	5.445	ng/u1	100
82) Pyrene	19.580	202	190033	4.265	ng/u1	99
85) Benzo(a)anthracene	21.492	228	87798	1.831	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	22516	1.011	ng/u1#	96
87) Chrysene	21.556	228	101834	2.291	ng/u1	97
90) Benzo(b)fluoranthene	23.733	252	135386	2.640	ng/u1	100
93) Benzo(a)pyrene	24.609	252	89961	1.906	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.474	276	71845m	1.141	ng/u1	
96) Benzo(g,h,i)perylene	29.609	276	69596m	1.421	ng/u1	

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

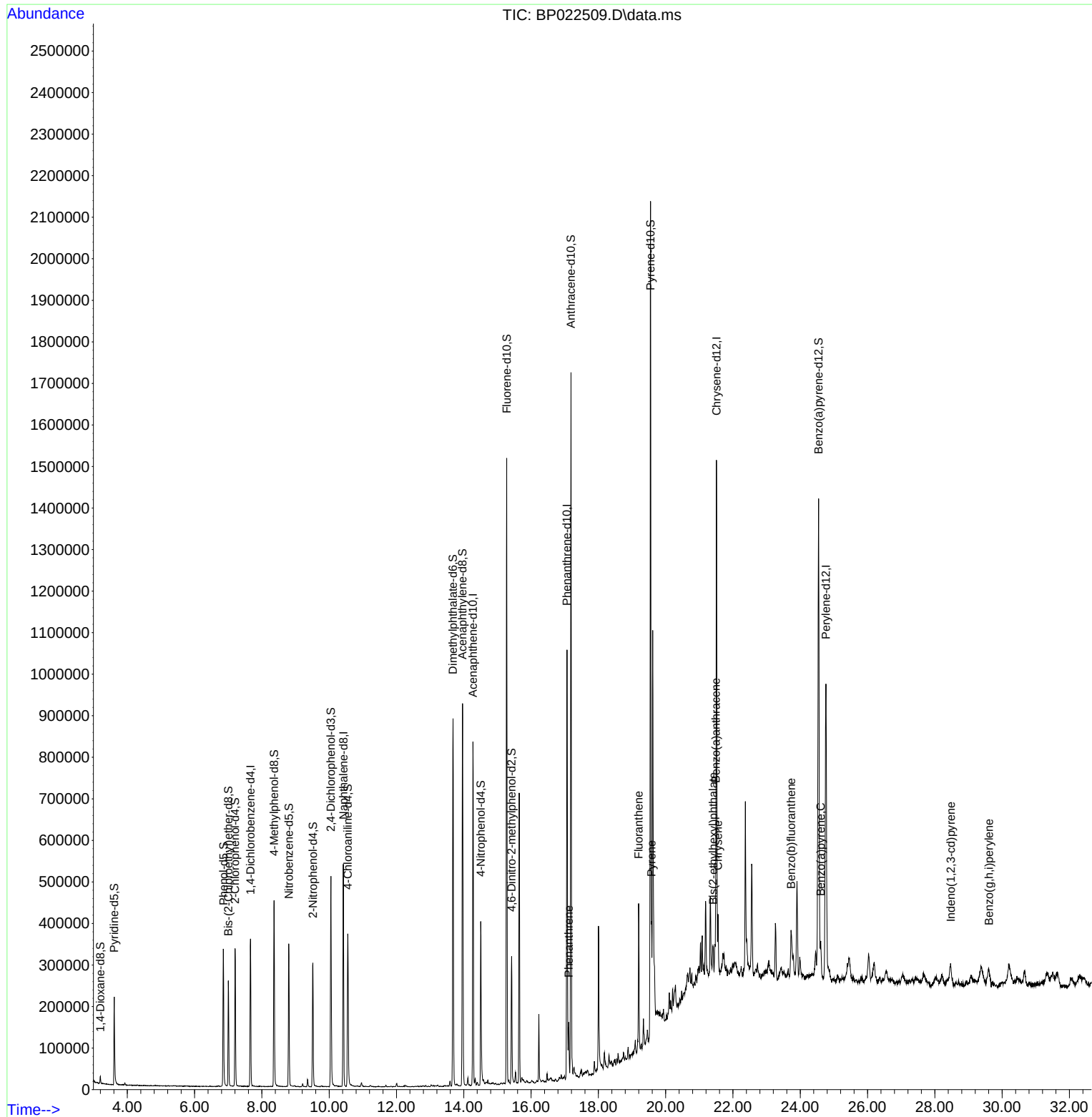
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022509.D
Acq On : 21 Oct 2024 17:28
Operator : RC/JU
Sample : P4429-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

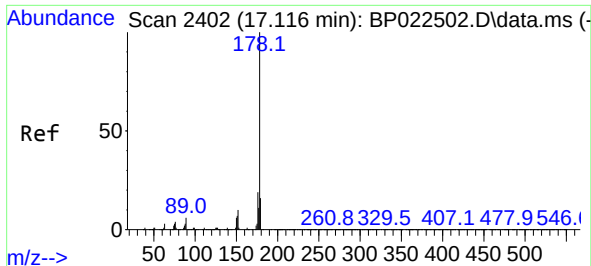
Instrument :
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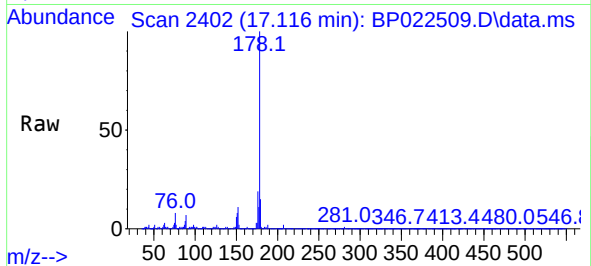
Quant Time: Oct 21 18:01:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.713 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP022509.D
Acq: 21 Oct 2024 17:28

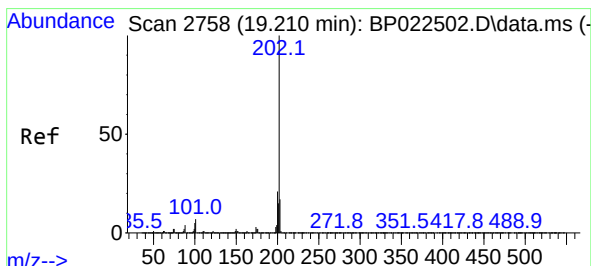
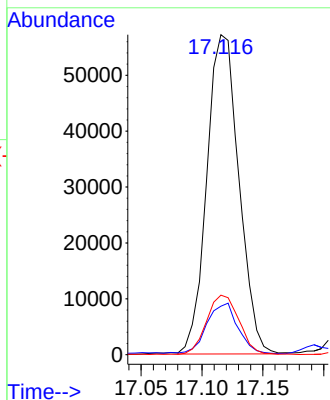
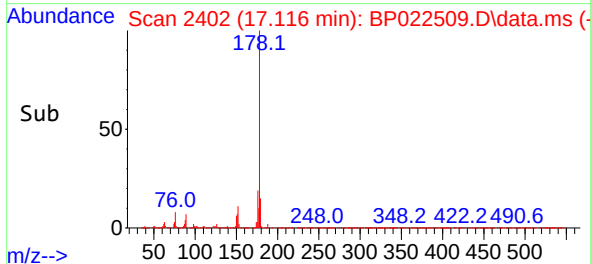
Instrument :
BNA_P
ClientSampleId :
A4F66



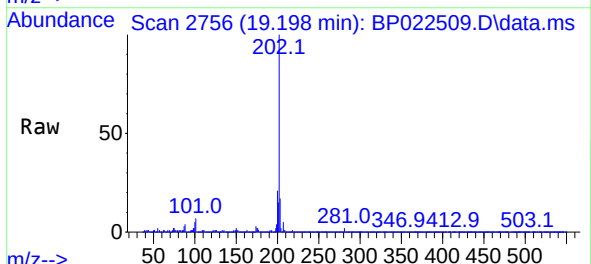
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Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 18.6 15.7 23.5

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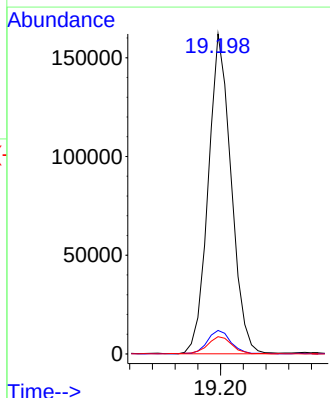
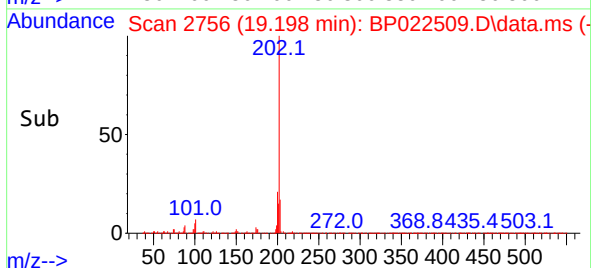
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

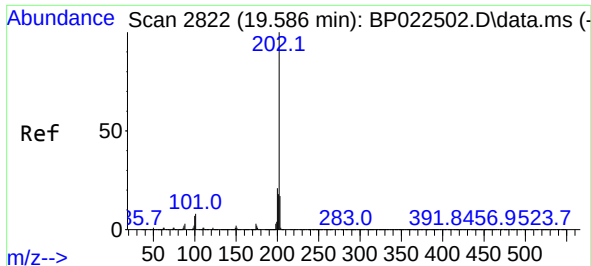


#80
Fluoranthene
Concen: 5.445 ng/ul
RT: 19.198 min Scan# 2756
Delta R.T. -0.012 min
Lab File: BP022509.D
Acq: 21 Oct 2024 17:28



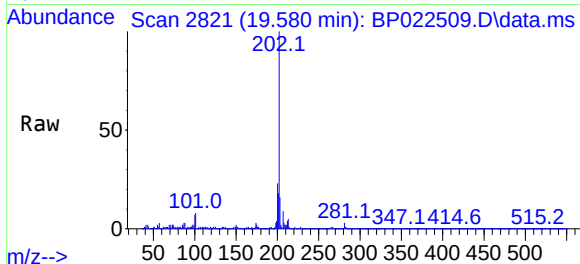
Tgt Ion:202 Resp: 226374
Ion Ratio Lower Upper
202 100
101 7.4 5.8 8.8
100 5.4 4.5 6.7





#82
Pyrene
Concen: 4.265 ng/ul
RT: 19.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP022509.D
Acq: 21 Oct 2024 17:28

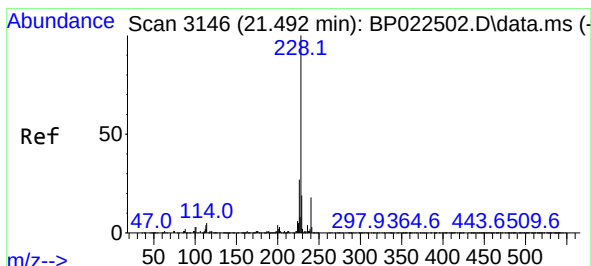
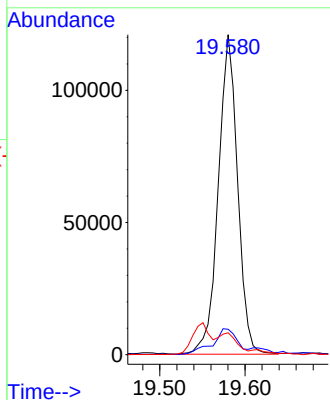
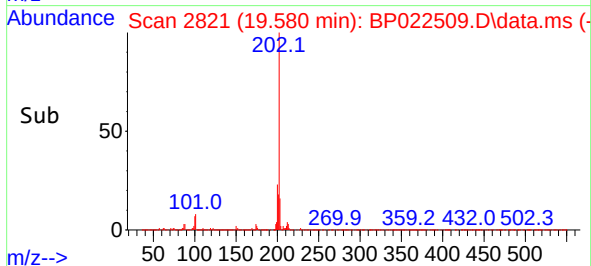
Instrument :
BNA_P
ClientSampleId :
A4F66



Tgt Ion:202 Resp: 19003
Ion Ratio Lower Upper
202 100
101 8.0 6.7 10.1
100 6.9 5.8 8.6

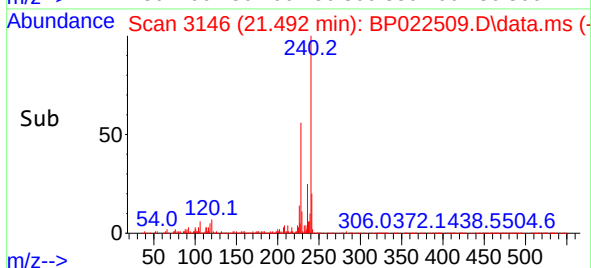
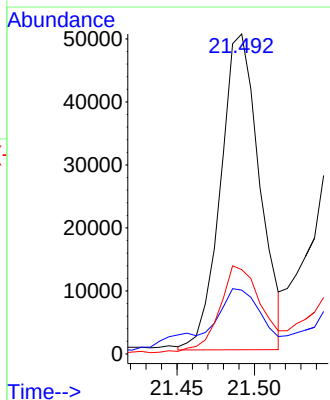
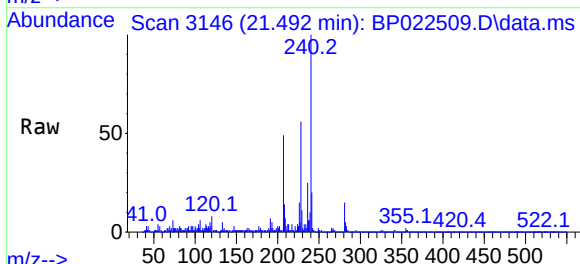
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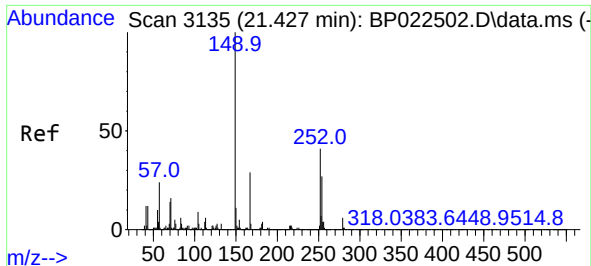
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



#85
Benzo(a)anthracene
Concen: 1.831 ng/ul
RT: 21.492 min Scan# 3146
Delta R.T. 0.012 min
Lab File: BP022509.D
Acq: 21 Oct 2024 17:28

Tgt Ion:228 Resp: 87798
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.0
226 26.4 21.5 32.3





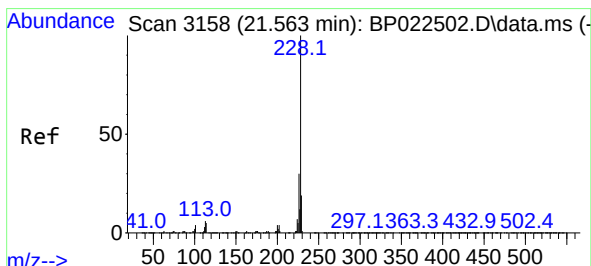
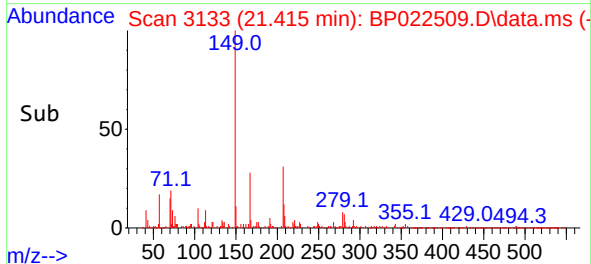
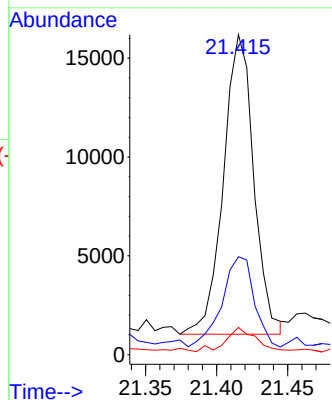
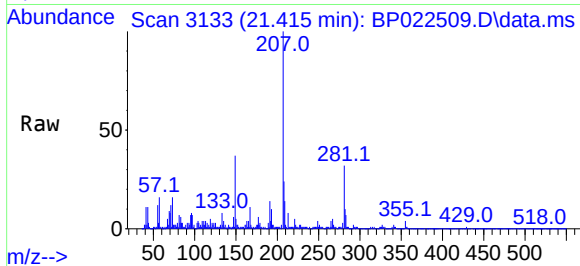
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.011 ng/ul
RT: 21.415 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BP022509.D
Acq: 21 Oct 2024 17:28

Instrument :
BNA_P
ClientSampleId :
A4F66

Tgt Ion:149 Resp: 22510
Ion Ratio Lower Upper
149 100
167 30.6 23.0 34.4
279 8.5 4.8 7.2

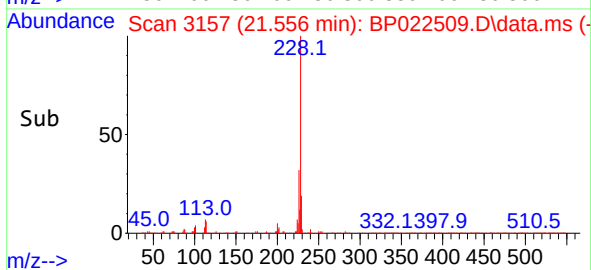
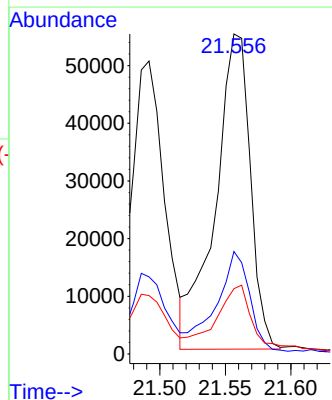
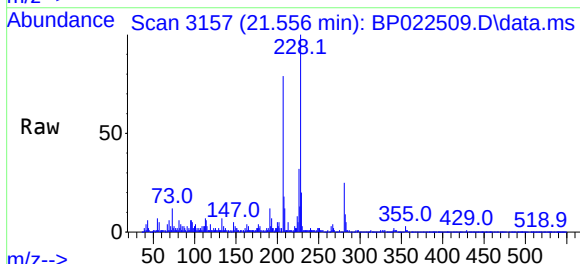
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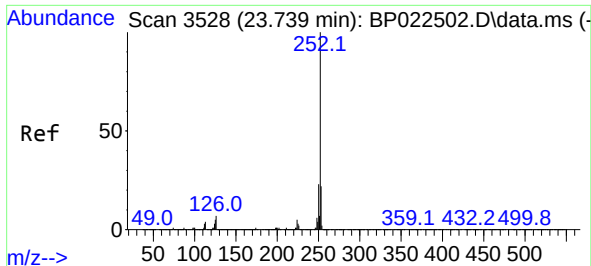
Reviewed By :Yogesh Patel 10/22/2024
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#87
Chrysene
Concen: 2.291 ng/ul
RT: 21.556 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BP022509.D
Acq: 21 Oct 2024 17:28

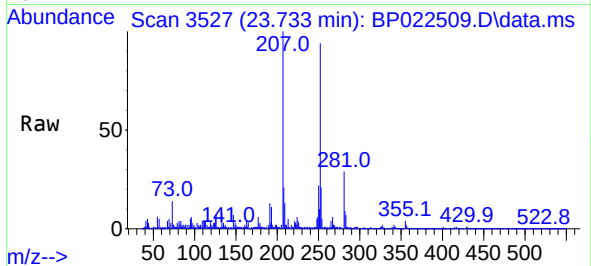
Tgt Ion:228 Resp: 101834
Ion Ratio Lower Upper
228 100
226 32.0 23.8 35.8
229 20.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.640 ng/u1
RT: 23.733 min Scan# 3528
Delta R.T. 0.012 min
Lab File: BP022509.D
Acq: 21 Oct 2024 17:28

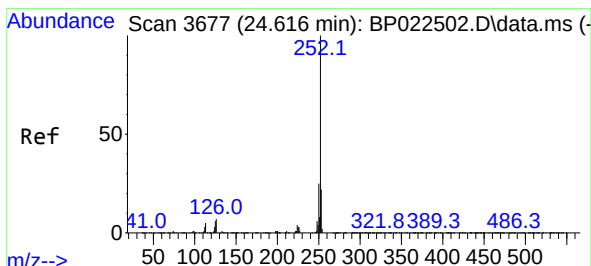
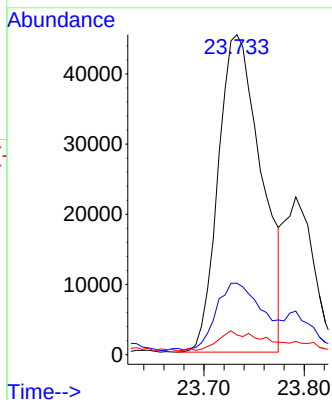
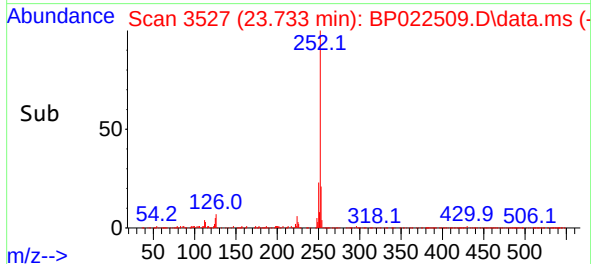
Instrument :
BNA_P
ClientSampleId :
A4F66



Tgt Ion:252 Resp: 135380
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 6.2 5.0 7.4

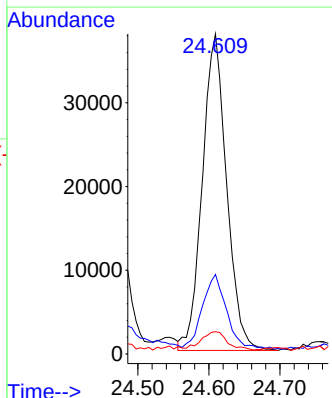
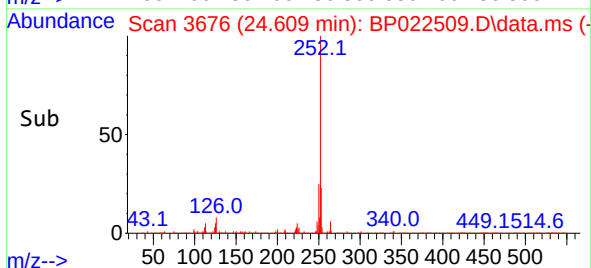
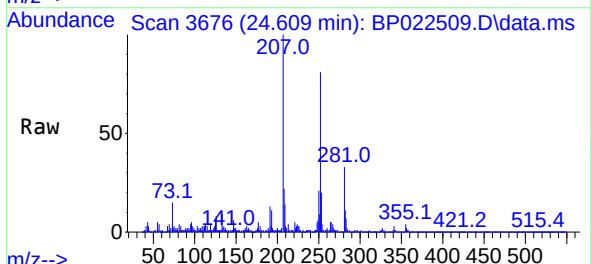
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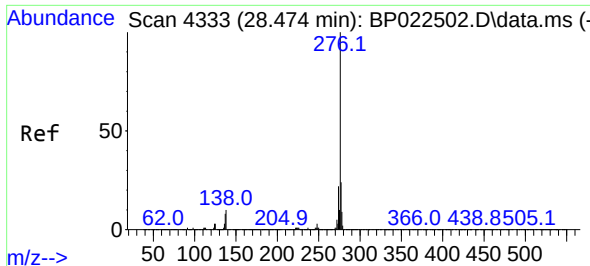
Reviewed By :Yogesh Patel 10/22/2024
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#93
Benzo(a)pyrene
Concen: 1.906 ng/u1
RT: 24.609 min Scan# 3676
Delta R.T. 0.006 min
Lab File: BP022509.D
Acq: 21 Oct 2024 17:28

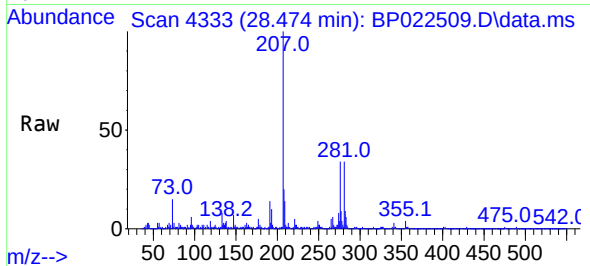
Tgt Ion:252 Resp: 89961
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 7.0 4.9 7.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.141 ng/ul m
RT: 28.474 min Scan# 4333
Delta R.T. 0.041 min
Lab File: BP022509.D
Acq: 21 Oct 2024 17:28

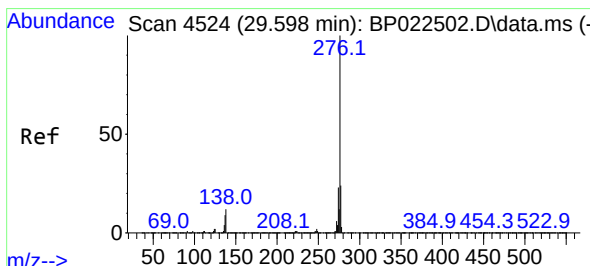
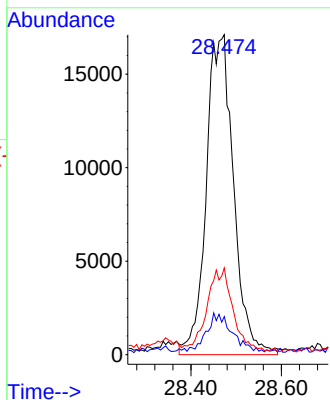
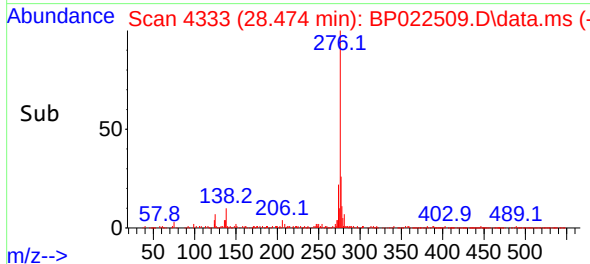
Instrument :
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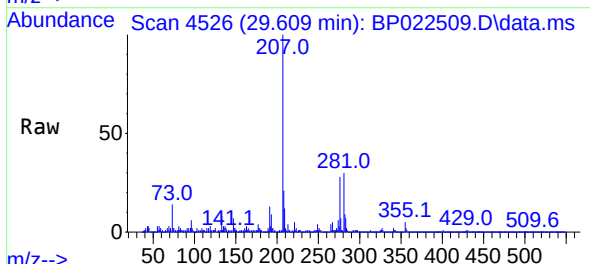
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Ion Ratio Lower Upper
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138 11.9 9.1 13.7
277 27.1 18.6 27.8

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.421 ng/ul m
RT: 29.609 min Scan# 4526
Delta R.T. 0.035 min
Lab File: BP022509.D
Acq: 21 Oct 2024 17:28



Tgt Ion:276 Resp: 69596
Ion Ratio Lower Upper
276 100
138 8.8 8.5 12.7
277 25.1 19.0 28.4

