

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022747.D
 Acq On : 30 Oct 2024 22:33
 Operator : RC/JU
 Sample : P4493-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F17

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 31 22:57:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	89331	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	346334	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	258472	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	590523m	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	650874	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	794110	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	5827	2.535	ng/uL	0.00
4) Pyridine-d5	3.593	84	86263	13.669	ng/u1	0.00
7) Phenol-d5	6.828	99	119673	15.915	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	71419	16.160	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	95896	17.973	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	106137	17.686	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	46128	17.322	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	54952	17.824	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	116704	17.810	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	111216	14.364	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	368206	17.930	ng/u1	0.00
49) Acenaphthylene-d8	13.940	160	400091	18.343	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	34362	9.974	ng/u1	0.01
60) Fluorene-d10	15.269	176	336728	18.904	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	25811m	6.646	ng/u1	0.01
73) Anthracene-d10	17.169	188	542968	19.546	ng/u1	0.00
81) Pyrene-d10	19.551	212	689593	20.035	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	855536	20.173	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.104	178	58898m	1.864	ng/u1	
80) Fluoranthene	19.204	202	130228	3.291	ng/u1	98
82) Pyrene	19.580	202	119824	2.825	ng/u1	98
85) Benzo(a)anthracene	21.474	228	63839	1.399	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	24694	1.165	ng/u1#	98
87) Chrysene	21.545	228	69498	1.643	ng/u1	95
90) Benzo(b)fluoranthene	23.733	252	97309	1.947	ng/u1	99
93) Benzo(a)pyrene	24.592	252	59634	1.296	ng/u1	99
96) Benzo(g,h,i)perylene	29.615	276	48480m	1.015	ng/u1	

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

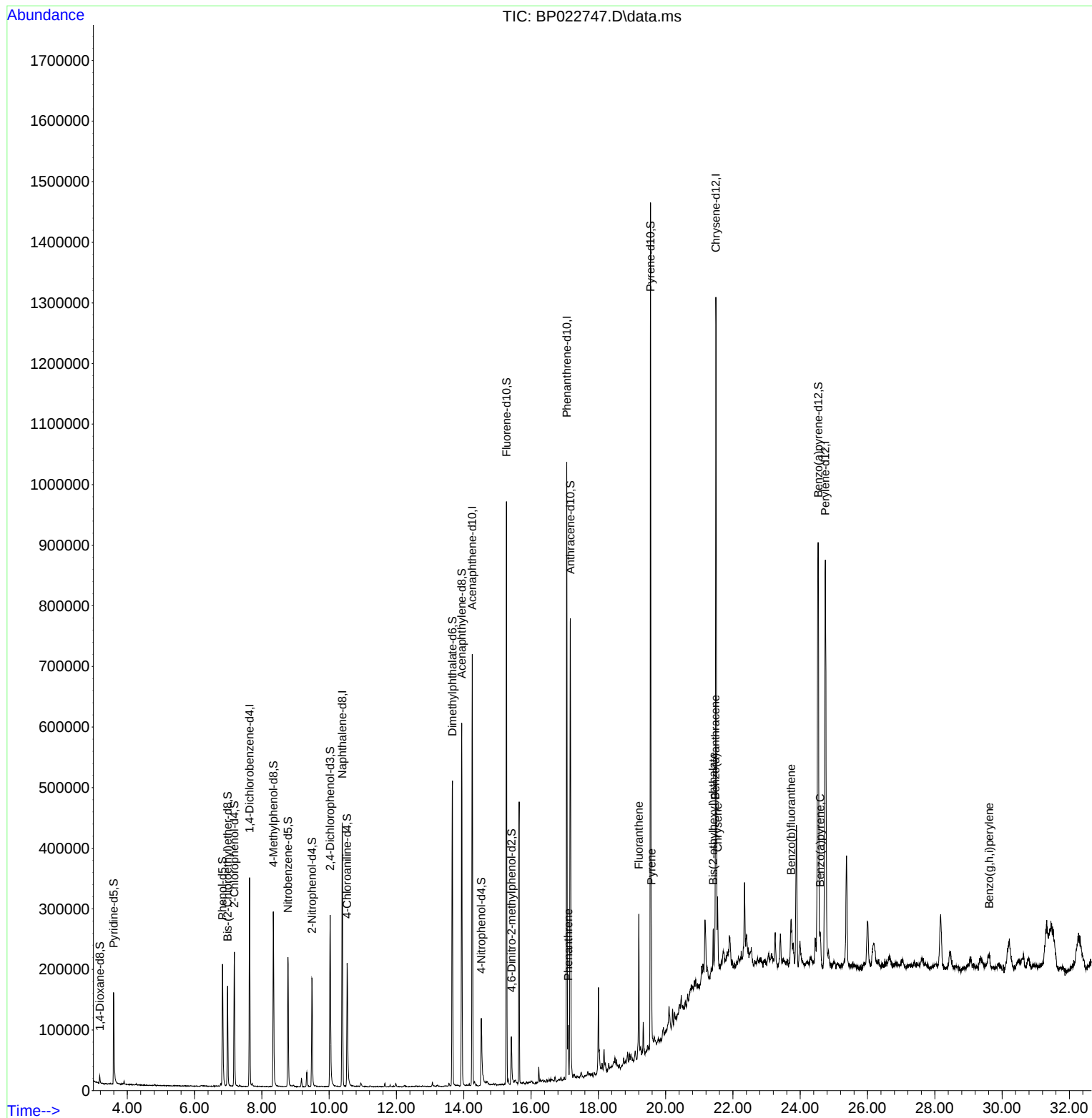
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022747.D
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ALS Vial : 13 Sample Multiplier: 1

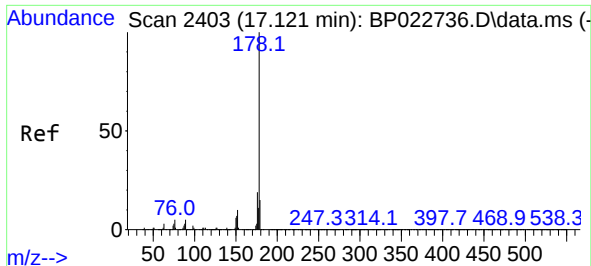
Instrument :
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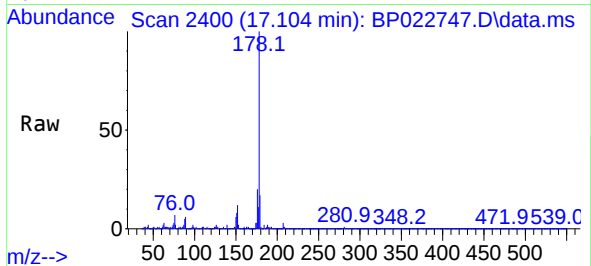
Quant Time: Oct 31 22:57:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.864 ng/ul m
RT: 17.104 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BP022747.D
Acq: 30 Oct 2024 22:33

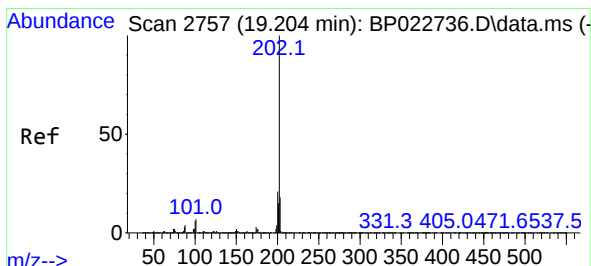
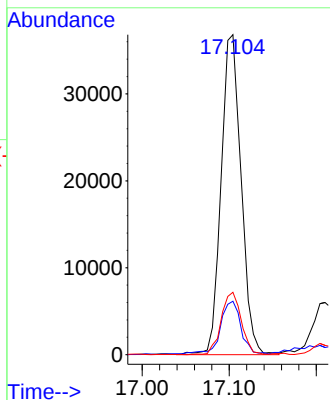
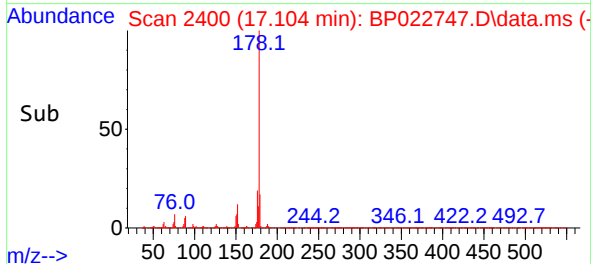
Instrument :
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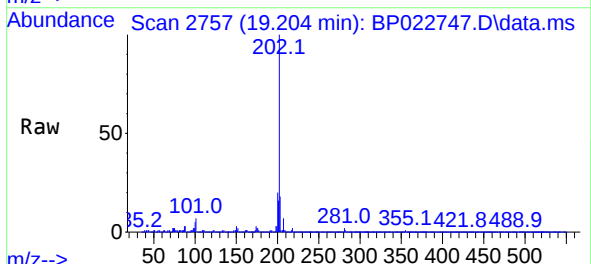
Tgt Ion:178 Resp: 58898
Ion Ratio Lower Upper
178 100
179 16.7 12.2 18.4
176 19.5 15.7 23.5

Manual Integrations
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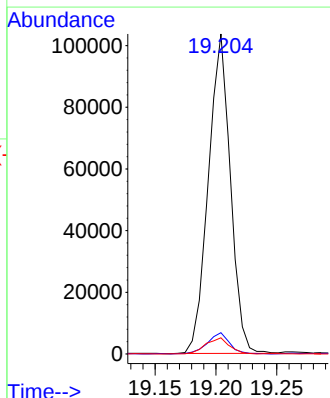
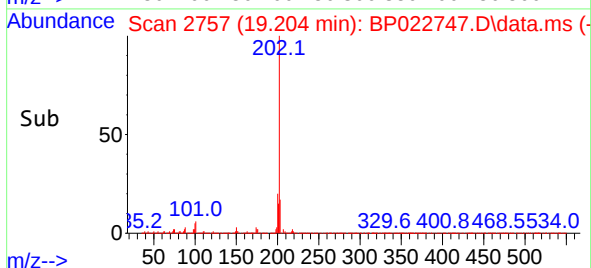
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

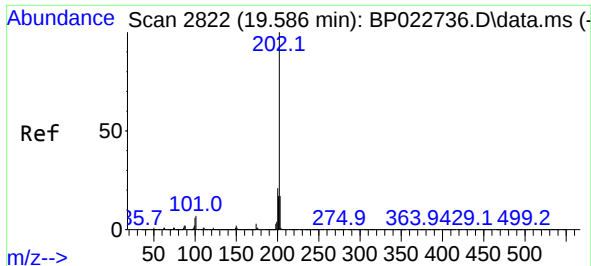


#80
Fluoranthene
Concen: 3.291 ng/ul
RT: 19.204 min Scan# 2757
Delta R.T. 0.012 min
Lab File: BP022747.D
Acq: 30 Oct 2024 22:33



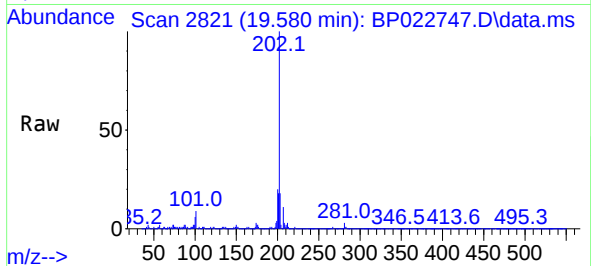
Tgt Ion:202 Resp: 130228
Ion Ratio Lower Upper
202 100
101 6.7 5.8 8.8
100 5.0 4.5 6.7





#82
Pyrene
Concen: 2.825 ng/ul
RT: 19.580 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022747.D
Acq: 30 Oct 2024 22:33

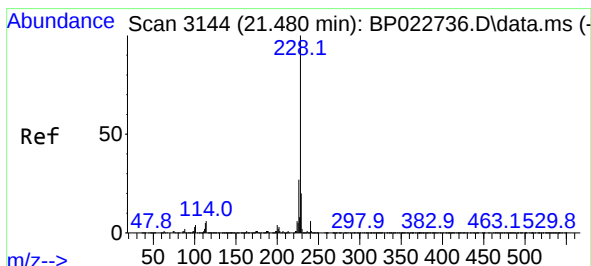
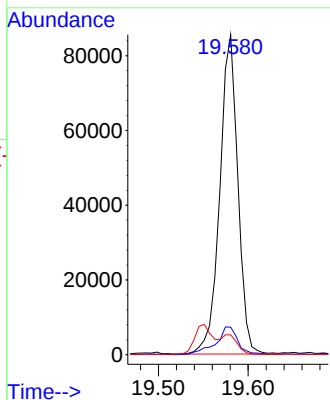
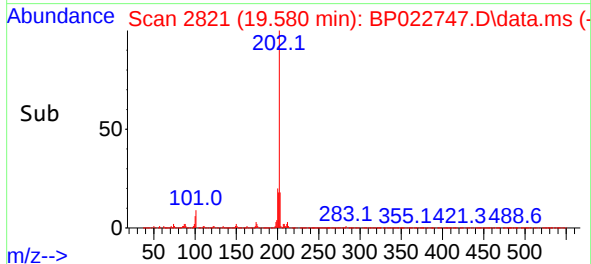
Instrument :
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Tgt Ion:202 Resp: 119824
Ion Ratio Lower Upper
202 100
101 8.6 6.7 10.1
100 6.2 5.8 8.6

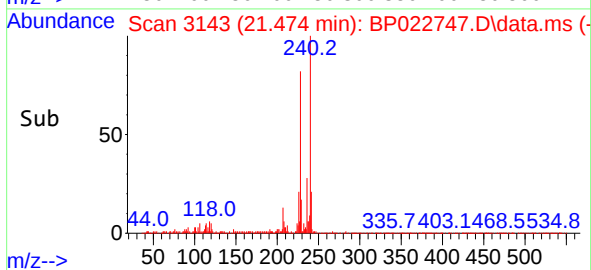
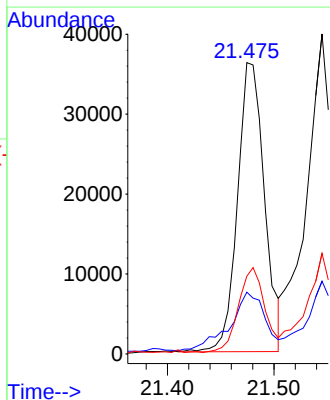
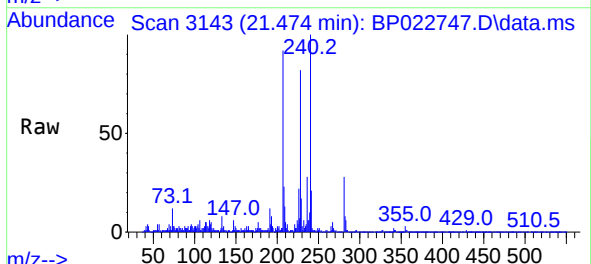
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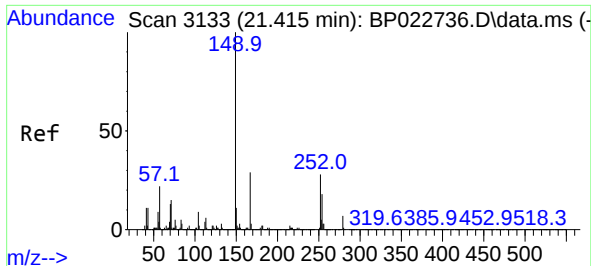
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#85
Benzo(a)anthracene
Concen: 1.399 ng/ul
RT: 21.474 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BP022747.D
Acq: 30 Oct 2024 22:33

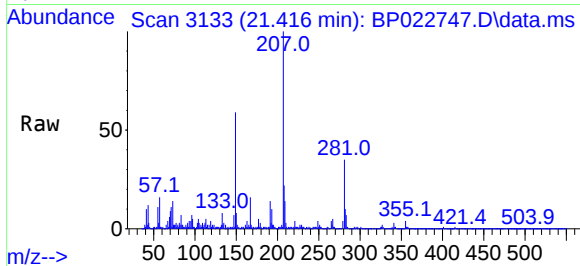
Tgt Ion:228 Resp: 63839
Ion Ratio Lower Upper
228 100
229 21.2 15.4 23.0
226 26.7 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.165 ng/ul
RT: 21.416 min Scan# 3133
Delta R.T. 0.006 min
Lab File: BP022747.D
Acq: 30 Oct 2024 22:33

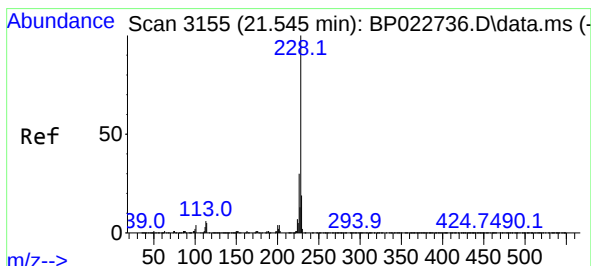
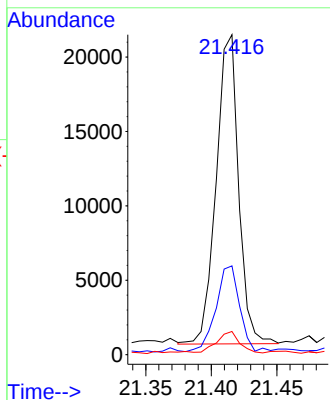
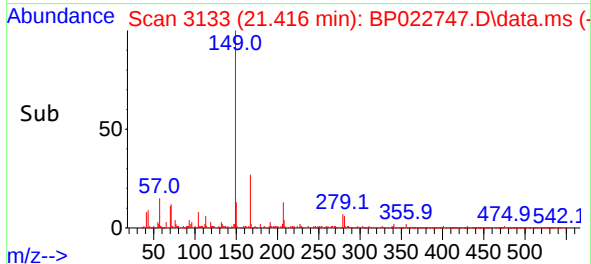
Instrument :
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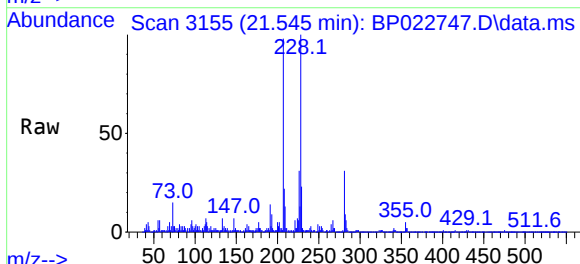
Tgt Ion:149 Resp: 24694
Ion Ratio Lower Upper
149 100
167 27.7 23.0 34.4
279 7.2 4.8 7.2

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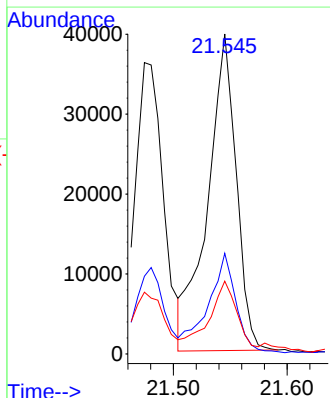
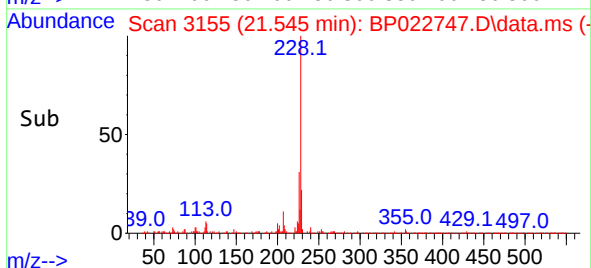
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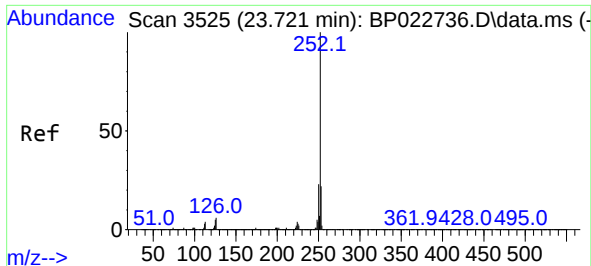


#87
Chrysene
Concen: 1.643 ng/ul
RT: 21.545 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BP022747.D
Acq: 30 Oct 2024 22:33



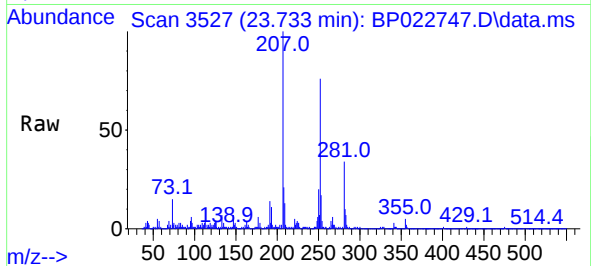
Tgt Ion:228 Resp: 69498
Ion Ratio Lower Upper
228 100
226 31.4 23.8 35.8
229 22.8 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 1.947 ng/u1
RT: 23.733 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP022747.D
Acq: 30 Oct 2024 22:33

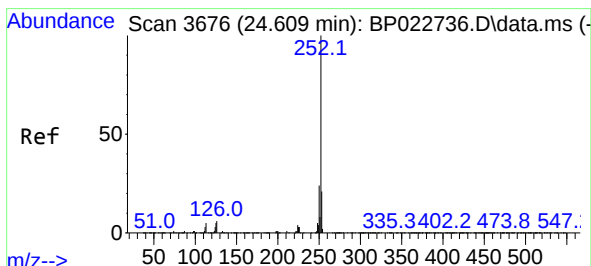
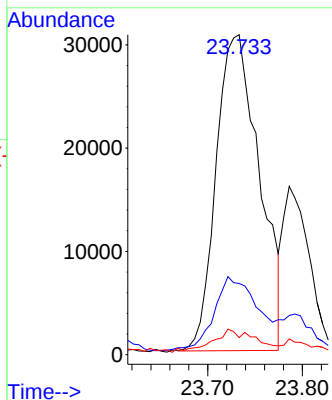
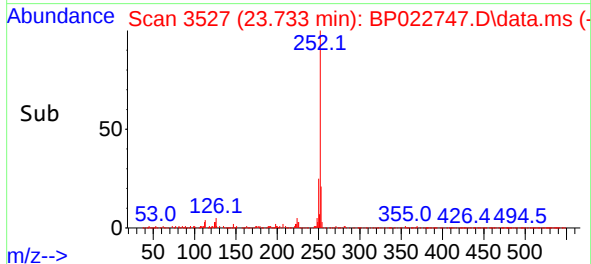
Instrument :
BNA_P
ClientSampleId :
A4F17



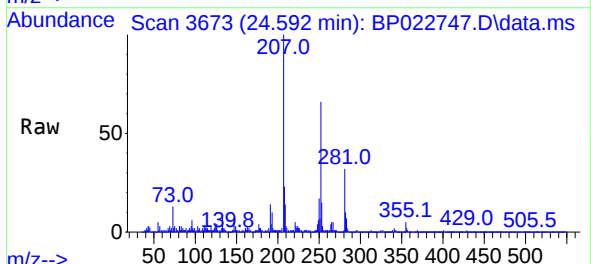
Tgt Ion:252 Resp: 97309
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 5.3 5.0 7.4

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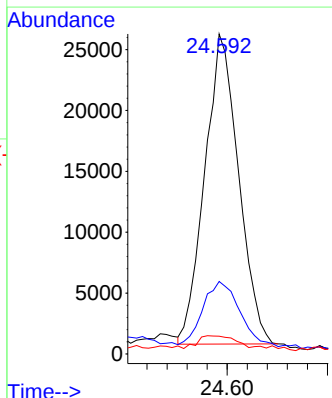
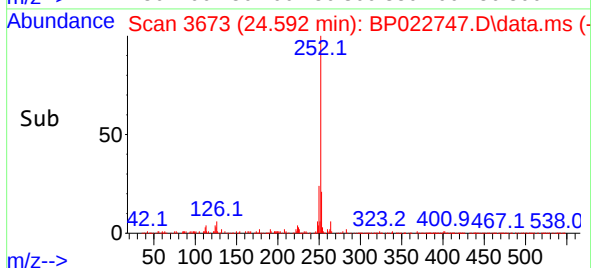
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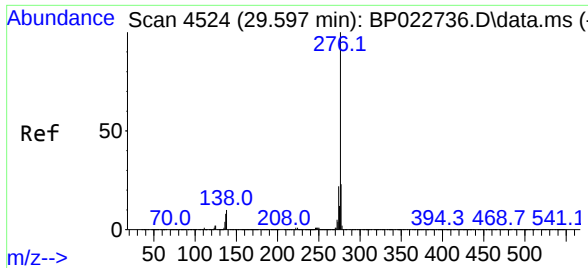


#93
Benzo(a)pyrene
Concen: 1.296 ng/u1
RT: 24.592 min Scan# 3673
Delta R.T. -0.006 min
Lab File: BP022747.D
Acq: 30 Oct 2024 22:33



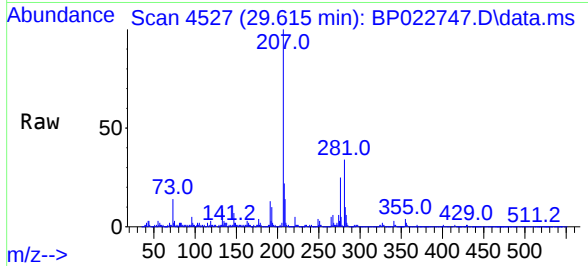
Tgt Ion:252 Resp: 59634
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 5.6 4.9 7.3





#96
Benzo(g,h,i)perylene
Concen: 1.015 ng/ul m
RT: 29.615 min Scan# 4527
Delta R.T. 0.041 min
Lab File: BP022747.D
Acq: 30 Oct 2024 22:33

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 276 Resp: 48480
Ion Ratio Lower Upper
276 100
138 8.2 8.5 12.7
277 21.9 19.0 28.4

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