

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022605.D
 Acq On : 25 Oct 2024 10:33
 Operator : RC/JU
 Sample : P4415-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F44

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 25 12:43:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	106592	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	412301	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.257	164	326188	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.057	188	820170	20.000	ng/u1	-0.02
79) Chrysene-d12	21.486	240	877839	20.000	ng/u1	-0.01
88) Perylene-d12	24.745	264	1055836	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3223	1.175	ng/uL	0.00
4) Pyridine-d5	3.622	84	9287	1.233	ng/u1	0.01
7) Phenol-d5	6.846	99	62121	6.923	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	35901	6.808	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.199	132	47934	7.529	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	42175	5.890	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	21719	6.851	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	27174	7.404	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	58117	7.450	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	42815	4.645	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	216391	8.350	ng/u1	-0.02
49) Acenaphthylene-d8	13.945	160	213593	7.760	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.516	143	22577	5.193	ng/u1	0.01
60) Fluorene-d10	15.275	176	194285	8.643	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.410	200	28675m	5.316	ng/u1	0.00
73) Anthracene-d10	17.163	188	309473	8.021	ng/u1	0.00
81) Pyrene-d10	19.539	212	336633	7.252	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.515	264	292713	5.191	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.463	105	23136	1.957	ng/u1	99
72) Phenanthrene	17.104	178	50293	1.146	ng/u1	98
80) Fluoranthene	19.192	202	126123	2.363	ng/u1	100
82) Pyrene	19.574	202	77425	1.354	ng/u1	96
85) Benzo(a)anthracene	21.468	228	62458	1.015	ng/u1	96
87) Chrysene	21.533	228	60085	1.053	ng/u1	97
90) Benzo(b)fluoranthene	23.715	252	88321	1.329	ng/u1#	94

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

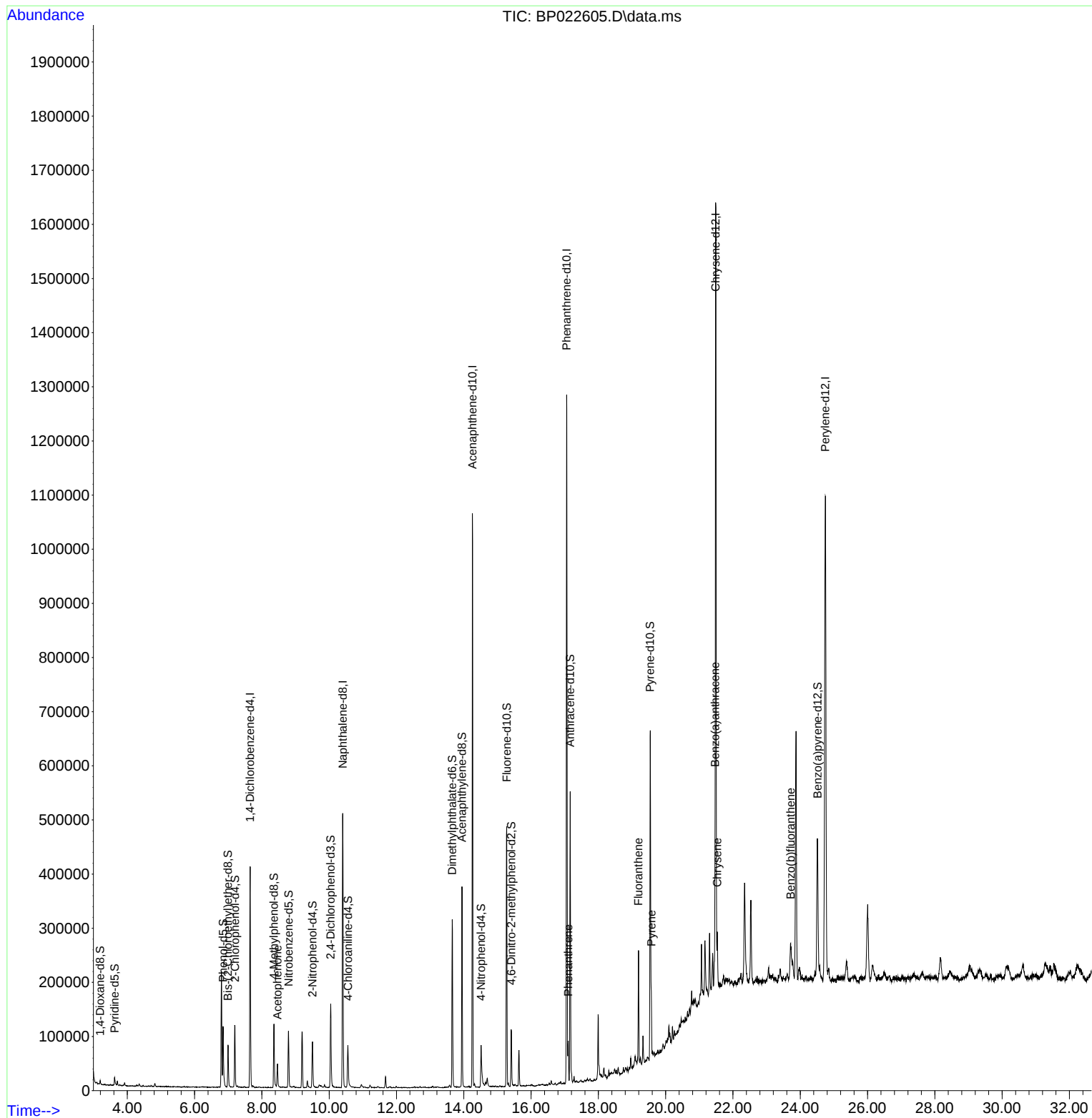
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
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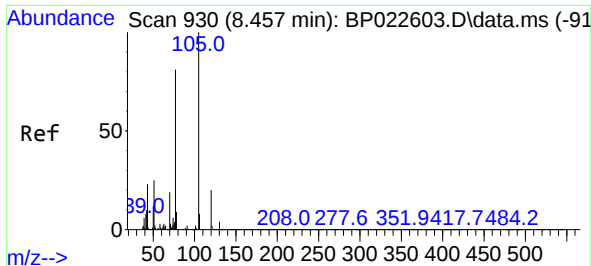
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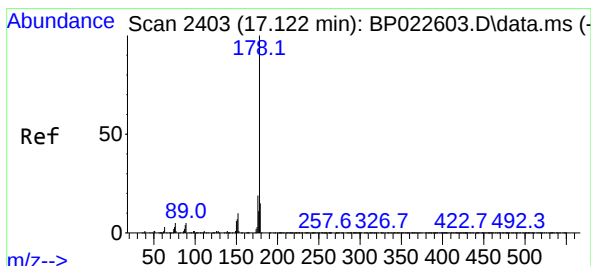
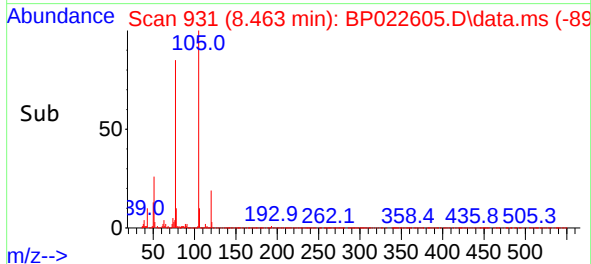
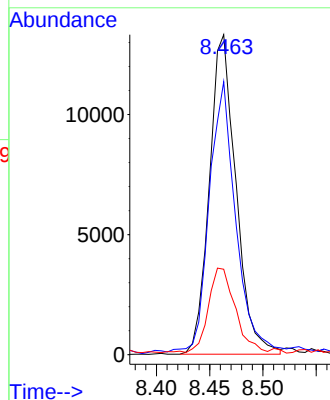
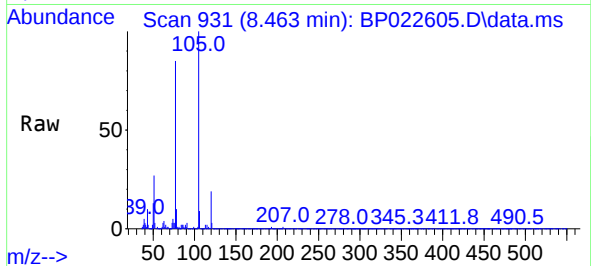
#16
Acetophenone
Concen: 1.957 ng/ul
RT: 8.463 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP022605.D
Acq: 25 Oct 2024 10:33

Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 23130
Ion Ratio Lower Upper
105 100
77 85.3 69.0 103.4
51 26.7 22.6 33.8

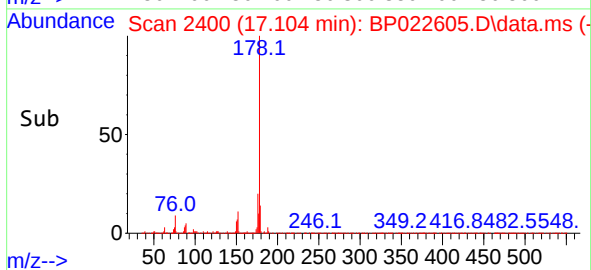
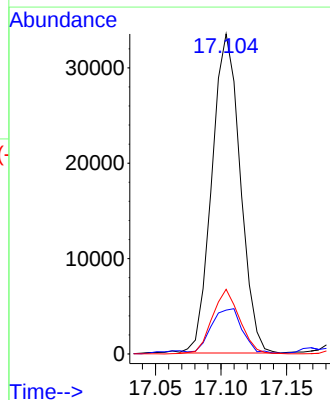
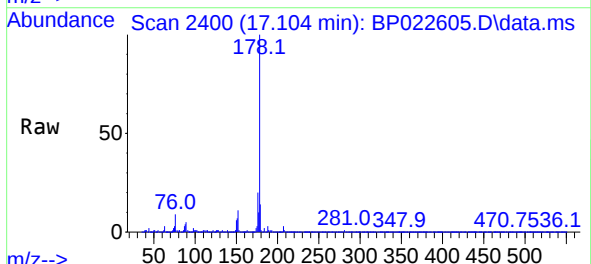
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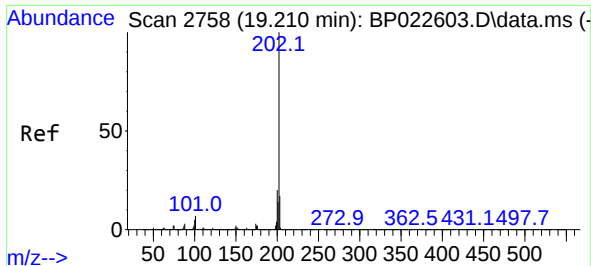
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#72
Phenanthrene
Concen: 1.146 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BP022605.D
Acq: 25 Oct 2024 10:33

Tgt Ion:178 Resp: 50293
Ion Ratio Lower Upper
178 100
179 13.7 12.2 18.4
176 20.2 15.7 23.5





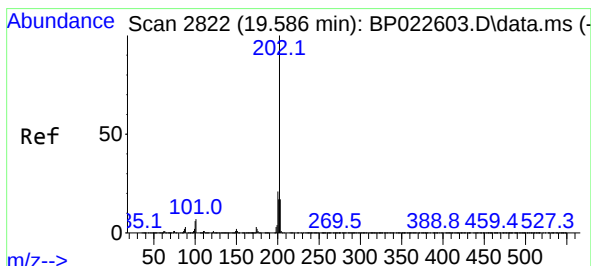
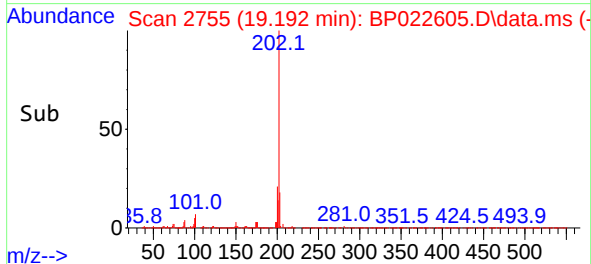
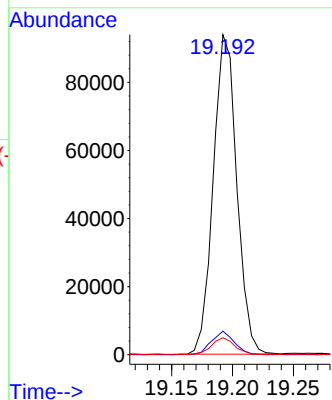
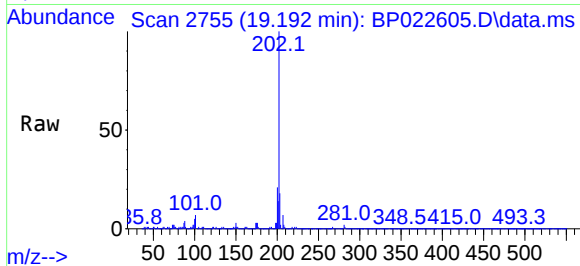
#80
Fluoranthene
Concen: 2.363 ng/u1
RT: 19.192 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP022605.D
Acq: 25 Oct 2024 10:33

Instrument :
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ClientSampleId :
A4F44

Tgt Ion:202 Resp: 12612
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.8
100 5.3 4.5 6.7

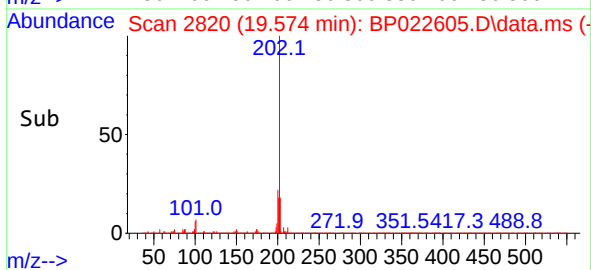
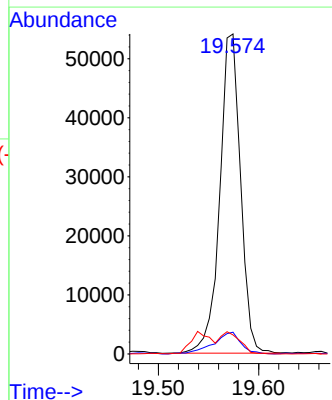
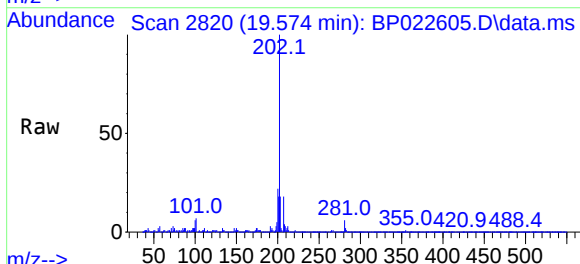
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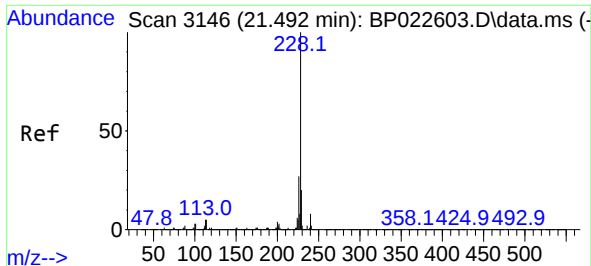
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#82
Pyrene
Concen: 1.354 ng/u1
RT: 19.574 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP022605.D
Acq: 25 Oct 2024 10:33

Tgt Ion:202 Resp: 77425
Ion Ratio Lower Upper
202 100
101 6.8 6.7 10.1
100 6.0 5.8 8.6





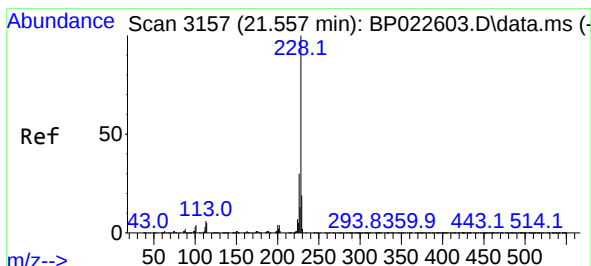
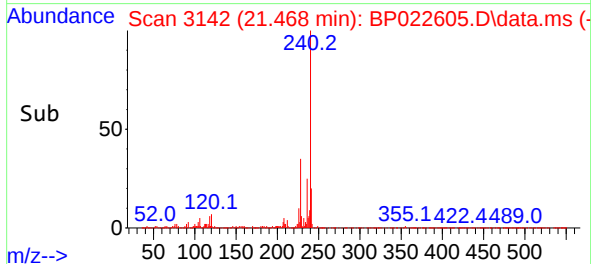
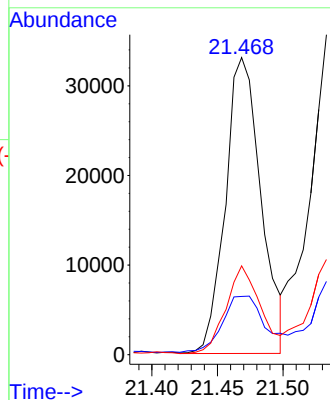
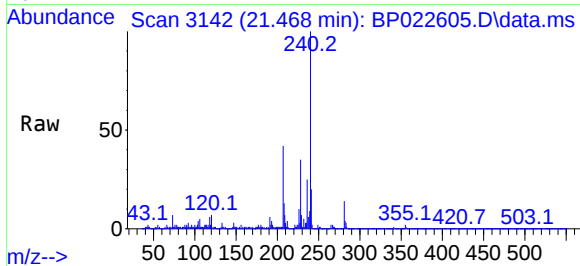
#85
Benzo(a)anthracene
Concen: 1.015 ng/ul
RT: 21.468 min Scan# 3146
Delta R.T. -0.012 min
Lab File: BP022605.D
Acq: 25 Oct 2024 10:33

Instrument :
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ClientSampleId :
A4F44

Tgt Ion:228 Resp: 62458
Ion Ratio Lower Upper
228 100
229 19.6 15.4 23.0
226 29.9 21.5 32.3

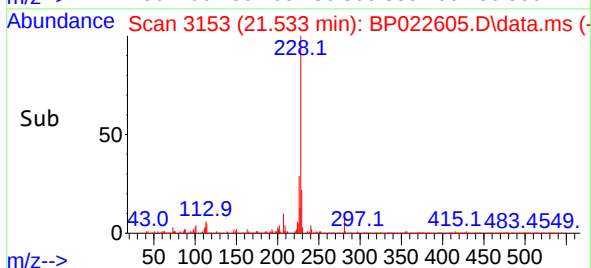
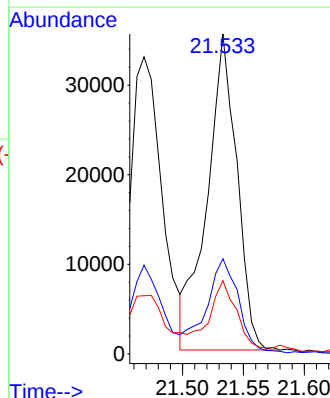
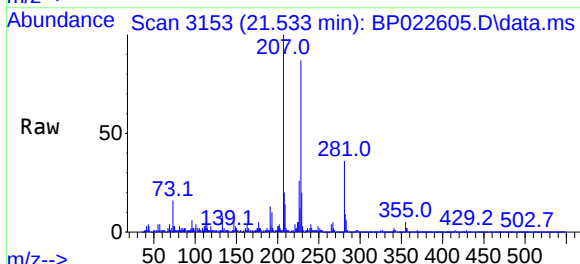
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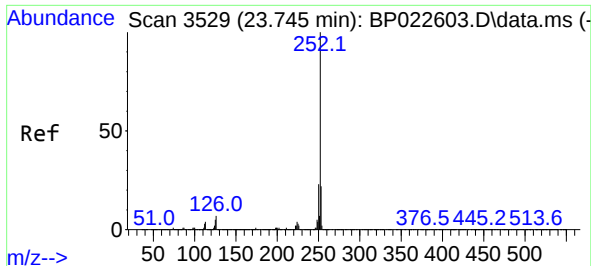
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#87
Chrysene
Concen: 1.053 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BP022605.D
Acq: 25 Oct 2024 10:33

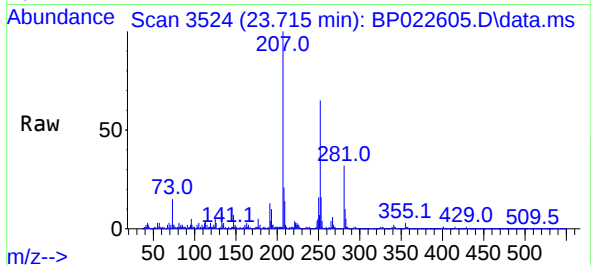
Tgt Ion:228 Resp: 60085
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 22.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 1.329 ng/ul
RT: 23.715 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP022605.D
Acq: 25 Oct 2024 10:33

Instrument :
BNA_P
ClientSampleId :
A4F44



Tgt Ion:252 Resp: 8832
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.8
125 8.2 5.0 7.4

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