

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022611.D
 Acq On : 25 Oct 2024 14:35
 Operator : RC/JU
 Sample : P4436-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F46

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 06:28:37 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	112374	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	433992	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.257	164	335665	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.051	188	810969	20.000	ng/u1	-0.03
79) Chrysene-d12	21.498	240	896579	20.000	ng/u1	0.00
88) Perylene-d12	24.768	264	1067009	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3812	1.318	ng/uL	0.00
4) Pyridine-d5	3.616	84	7090	0.893	ng/u1	0.00
7) Phenol-d5	6.846	99	72518	7.666	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	43313	7.791	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.193	132	57779	8.608	ng/u1	-0.01
15) 4-Methylphenol-d8	8.357	113	50399	6.676	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	27345	8.195	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	33242	8.604	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	68549	8.348	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	49060	5.056	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	246944	9.259	ng/u1	-0.01
49) Acenaphthylene-d8	13.945	160	252995	8.932	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.510	143	24723m	5.526	ng/u1	0.00
60) Fluorene-d10	15.263	176	223801	9.675	ng/u1	-0.03
65) 4,6-Dinitro-2-methylph...	15.410	200	31333	5.875	ng/u1	0.00
73) Anthracene-d10	17.163	188	356670	9.349	ng/u1	0.00
81) Pyrene-d10	19.539	212	404744	8.537	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.527	264	324807	5.700	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.463	105	30557	2.452	ng/u1	94
72) Phenanthrene	17.098	178	85656	1.974	ng/u1	96
80) Fluoranthene	19.192	202	210647	3.865	ng/u1	97
82) Pyrene	19.574	202	136076	2.329	ng/u1	97
85) Benzo(a)anthracene	21.480	228	110506	1.758	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.410	149	59314	2.032	ng/u1	99
87) Chrysene	21.545	228	108755	1.866	ng/u1	97
90) Benzo(b)fluoranthene	23.727	252	152806m	2.275	ng/u1	
91) Benzo(k)fluoranthene	23.792	252	66915m	1.018	ng/u1	

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

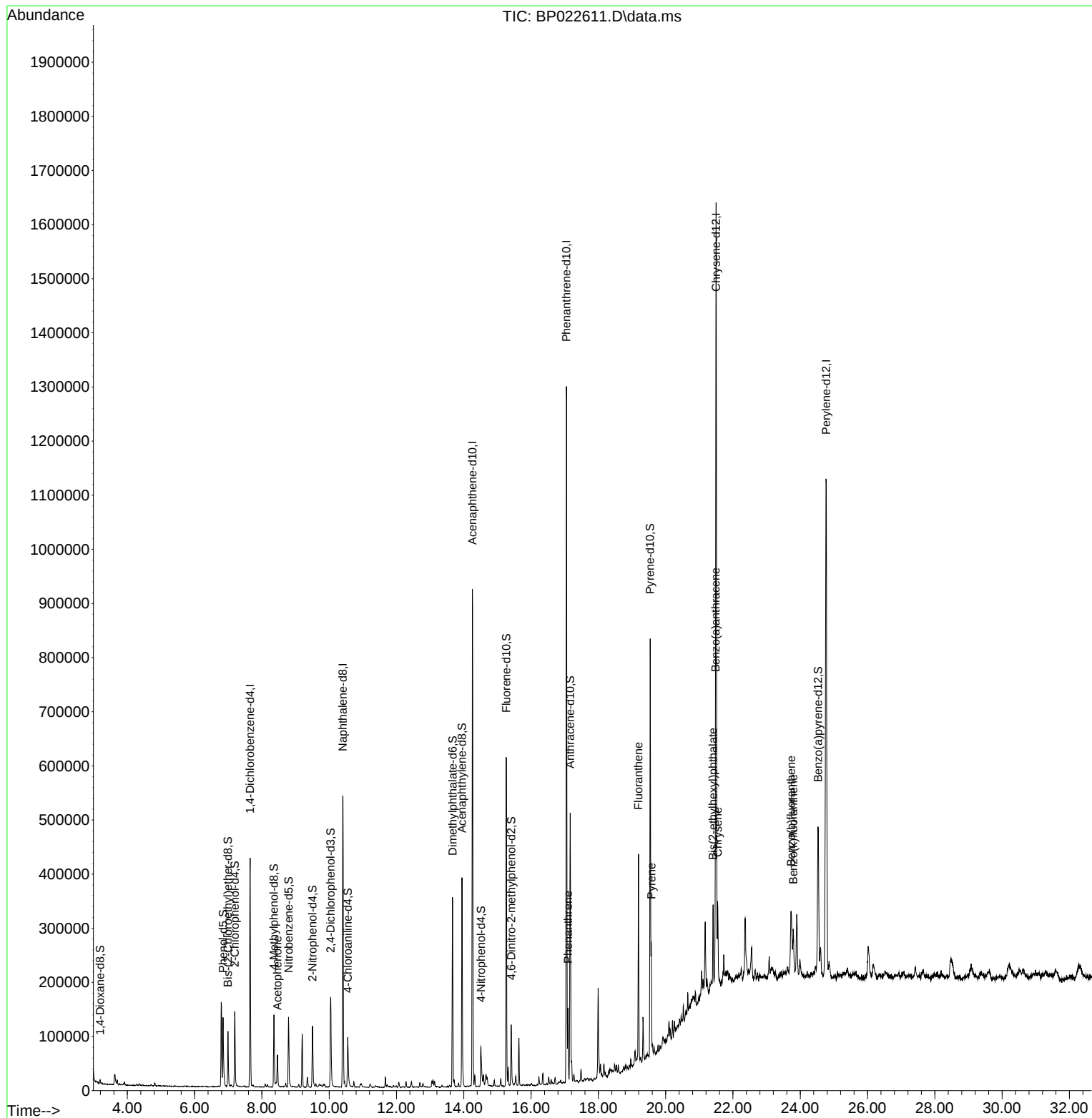
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
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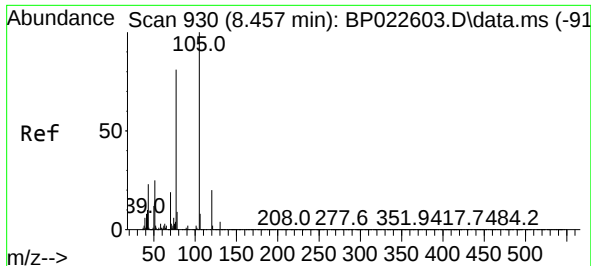
Instrument :
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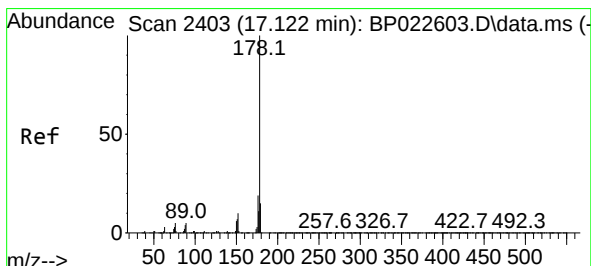
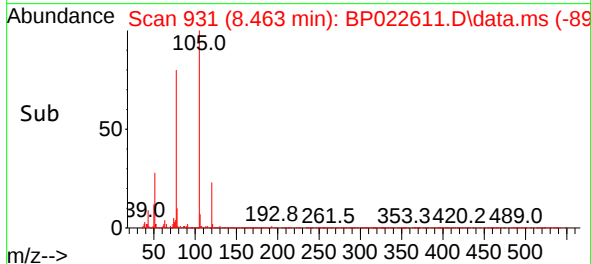
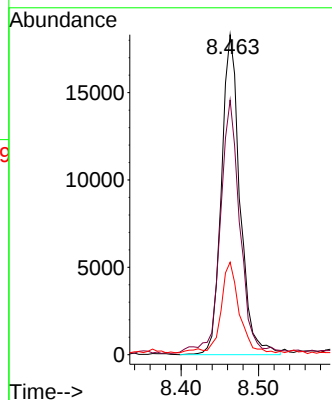
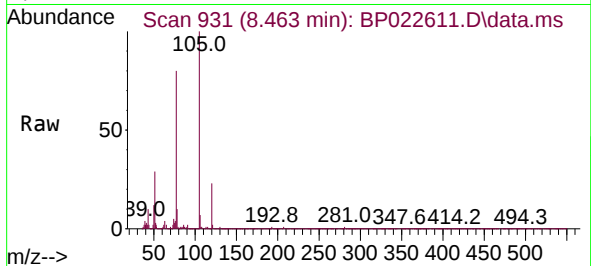
#16
Acetophenone
Concen: 2.452 ng/ul
RT: 8.463 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP022611.D
Acq: 25 Oct 2024 14:35

Instrument :
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ClientSampleId :
A4F46

Tgt Ion:105 Resp: 3055
Ion Ratio Lower Upper
105 100
77 79.6 69.0 103.4
51 28.9 22.6 33.8

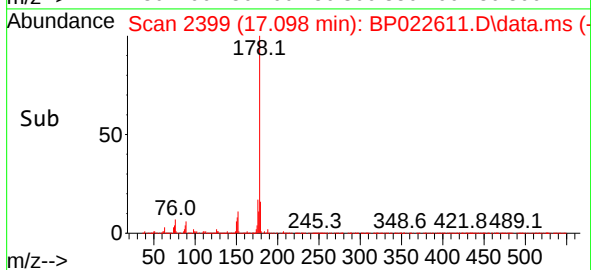
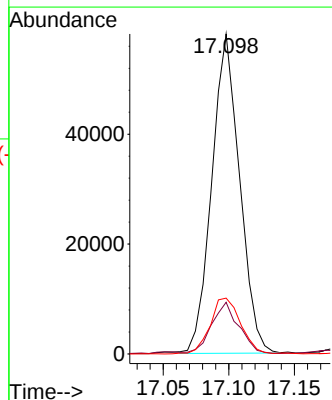
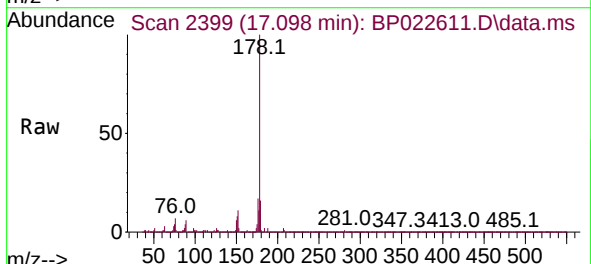
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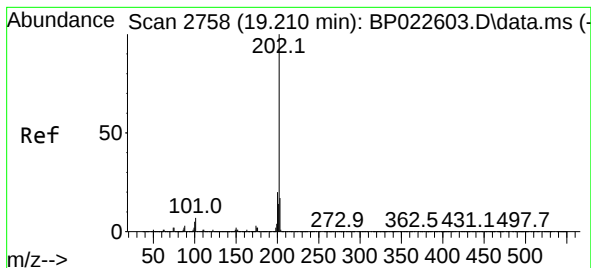
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#72
Phenanthrene
Concen: 1.974 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. -0.018 min
Lab File: BP022611.D
Acq: 25 Oct 2024 14:35

Tgt Ion:178 Resp: 85656
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.4
176 17.5 15.7 23.5





#80

Fluoranthene

Concen: 3.865 ng/u1

RT: 19.192 min Scan# 21064

Delta R.T. -0.018 min

Lab File: BP022611.D

Acq: 25 Oct 2024 14:35

Instrument :

BNA_P

ClientSampleId :

A4F46

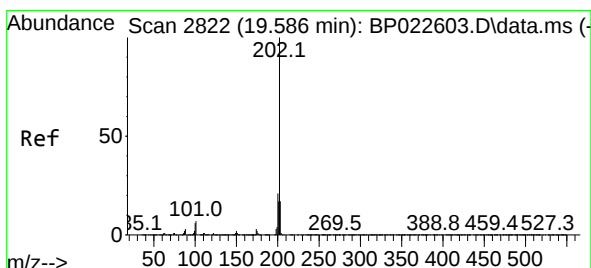
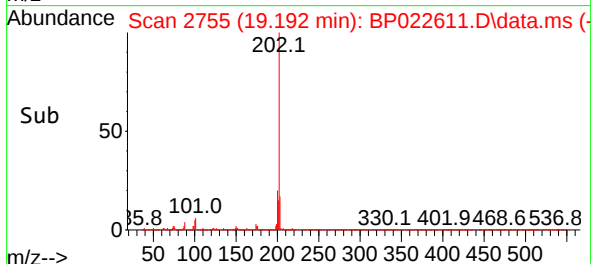
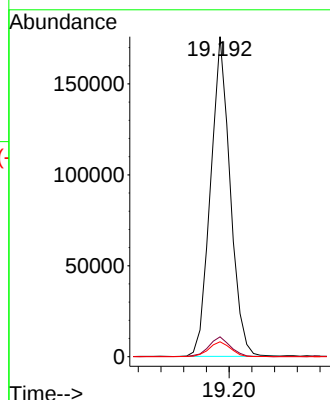
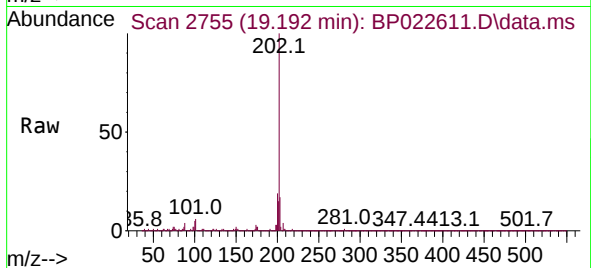
Tgt Ion:	202	Resp:	21064
Ion Ratio	Lower	Upper	
202	100		
101	6.2	5.8	8.8
100	4.6	4.5	6.7

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#82

Pyrene

Concen: 2.329 ng/u1

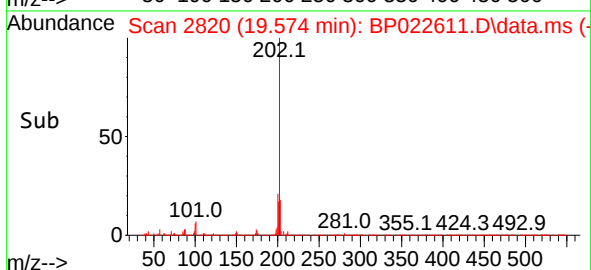
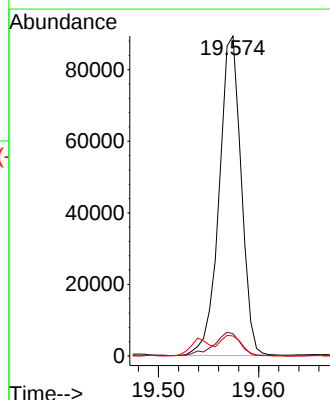
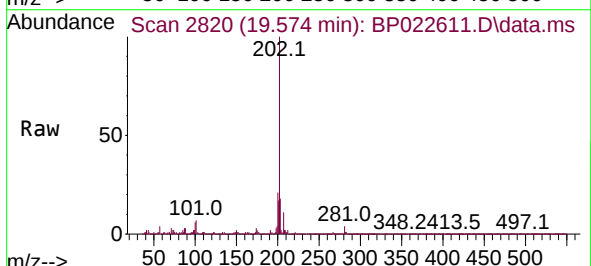
RT: 19.574 min Scan# 2820

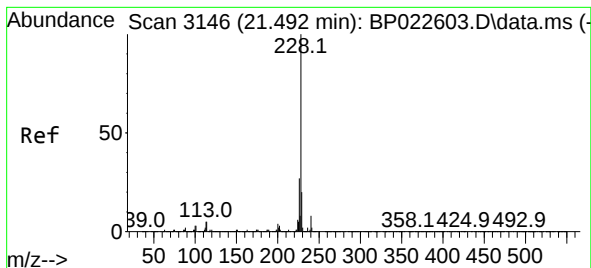
Delta R.T. -0.012 min

Lab File: BP022611.D

Acq: 25 Oct 2024 14:35

Tgt Ion:	202	Resp:	136076
Ion Ratio	Lower	Upper	
202	100		
101	6.9	6.7	10.1
100	6.3	5.8	8.6





#85

Benzo(a)anthracene

Concen: 1.758 ng/ul

RT: 21.480 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP022611.D

Acq: 25 Oct 2024 14:35

Instrument :

BNA_P

ClientSampleId :

A4F46

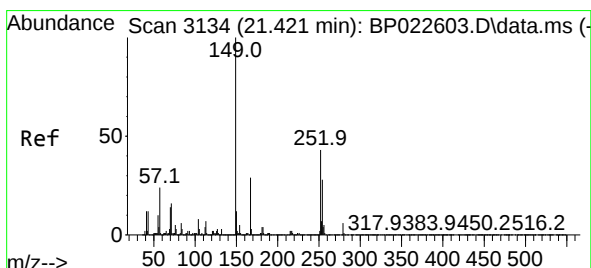
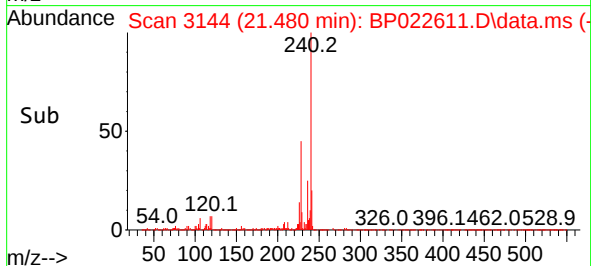
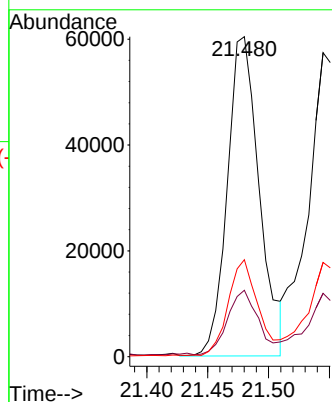
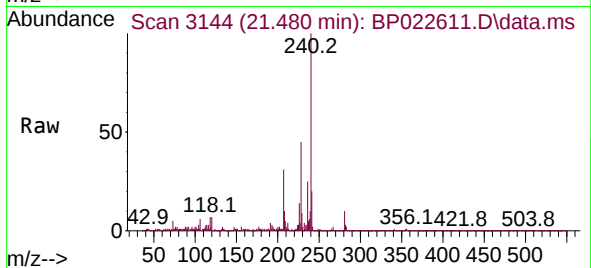
Tgt Ion:	228	Resp:	110500
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.4	23.0
226	30.3	21.5	32.3

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.032 ng/ul

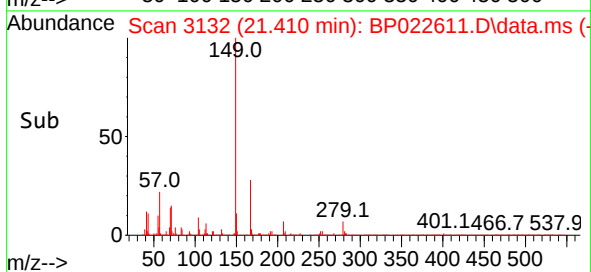
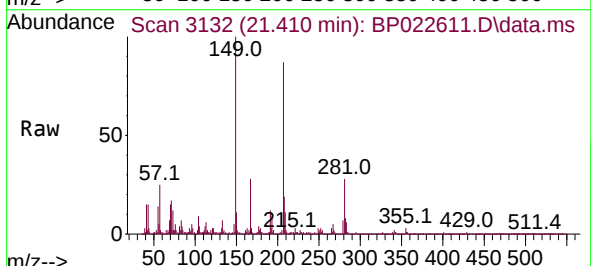
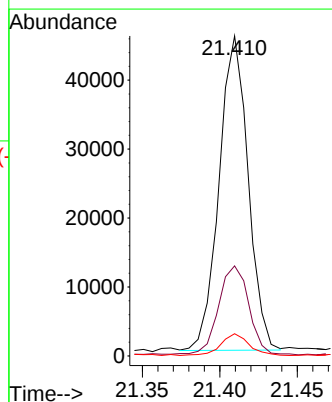
RT: 21.410 min Scan# 3132

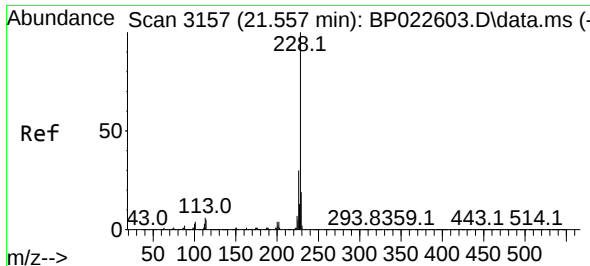
Delta R.T. -0.006 min

Lab File: BP022611.D

Acq: 25 Oct 2024 14:35

Tgt Ion:	149	Resp:	59314
Ion Ratio	Lower	Upper	
149	100		
167	28.2	23.0	34.4
279	7.0	4.8	7.2





#87

Chrysene

Concen: 1.866 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BP022611.D

Acq: 25 Oct 2024 14:35

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BNA_P

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A4F46

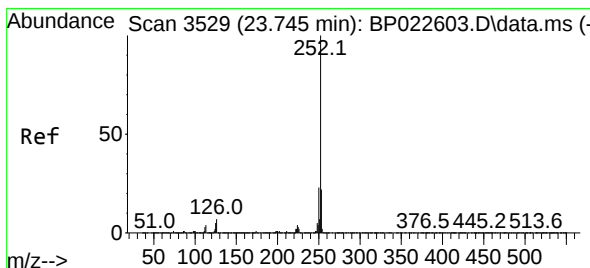
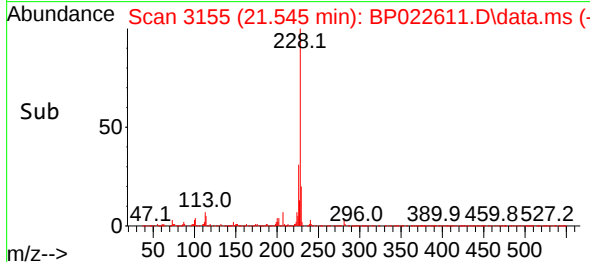
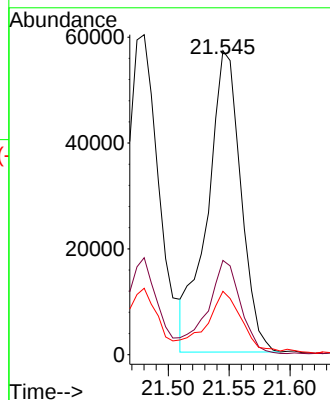
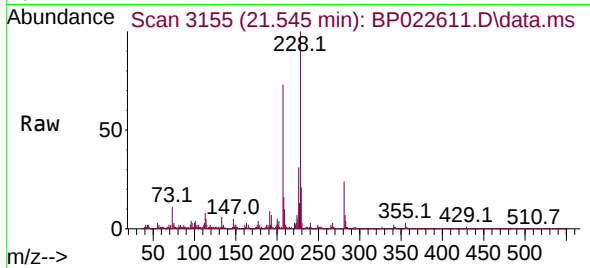
Tgt Ion:228	Resp: 10875
Ion Ratio	Lower Upper
228 100	
226 31.0	23.8 35.8
229 20.8	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 2.275 ng/ul m

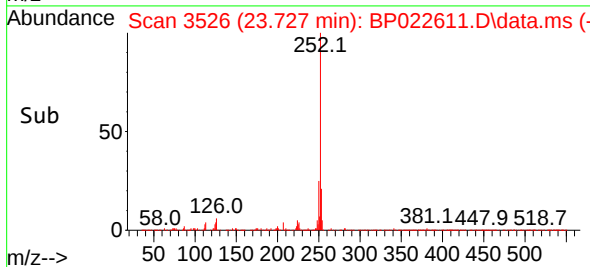
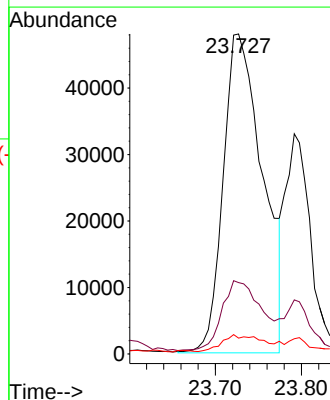
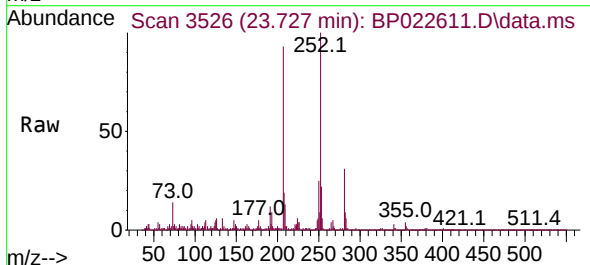
RT: 23.727 min Scan# 3526

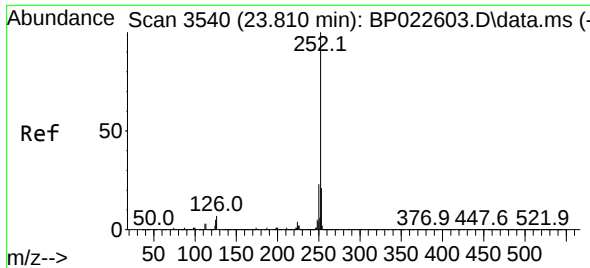
Delta R.T. 0.006 min

Lab File: BP022611.D

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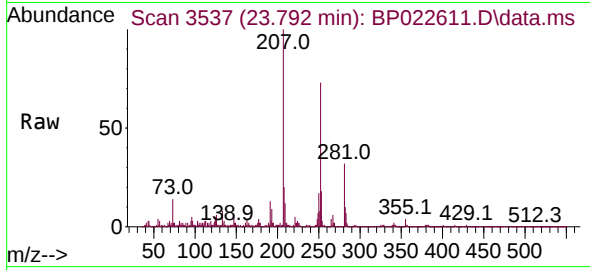
Tgt Ion:252	Resp: 152806
Ion Ratio	Lower Upper
252 100	
253 22.3	17.8 26.8
125 4.9	5.0 7.4





#91
Benzo(k)fluoranthene
Concen: 1.018 ng/ul m
RT: 23.792 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP022611.D
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Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:252 Resp: 66915
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 6.9 4.6 6.8

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