

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029933.D
 Acq On : 11 May 2021 08:47
 Operator : CG/JU
 Sample : M2177-23
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG594

Manual Integrations
 APPROVED

mohammad
 5/11/2021 2:34:02 PM

Quant Time: May 11 09:28:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 11 05:09:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	152884	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	683950	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	434412	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	867778	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	761368	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	680399	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	3176	0.83	ng/uL	0.01
4) Pyridine-d5	3.58	84	8489m	0.89	ng/ul	0.09
7) Phenol-d5	6.75	99	66505	4.68	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	54315	6.16	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	61224	5.58	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	55817	4.75	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	25382m	5.39	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	26978	5.07	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	46500	4.36	ng/ul	0.01
31) 4-Chloroaniline-d4	10.48	131	35814	2.21	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	198857	5.91	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	245597	5.76	ng/ul	0.00
54) 4-Nitrophenol-d4	14.49	143	7194m	1.31	ng/ul	0.06
60) Fluorene-d10	15.20	176	196813	6.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	6898	1.22	ng/ul	0.01
73) Anthracene-d10	17.04	188	311977	7.14	ng/ul	0.00
81) Pyrene-d10	19.34	212	332317	8.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.15	264	259030	6.72	ng/ul	0.00

Target Compounds

					Ovalue
37) 1-Methylnaphthalene	12.22	142	38490	1.410 ng/ul#	99
52) Acenaphthene	14.26	153	36040	1.236 ng/ul	95
61) Fluorene	15.25	166	43009	1.259 ng/ul#	83
72) Phenanthrene	16.99	178	447220	8.740 ng/ul	97
74) Anthracene	17.08	178	107663m	2.058 ng/ul	
80) Fluoranthene	19.01	202	481635	10.132 ng/ul	97
82) Pyrene	19.37	202	693041	13.854 ng/ul	96
85) Benzo(a)anthracene	21.12	228	266098	5.357 ng/ul#	89
86) Bis(2-ethylhexyl)phthalate	21.06	149	39328	1.283 ng/ul	93
87) Chrysene	21.17	228	283665	5.733 ng/ul#	95
90) Benzo(b)fluoranthene	22.65	252	198668	4.501 ng/ul#	79
91) Benzo(k)fluoranthene	22.69	252	54757m	1.180 ng/ul	
93) Benzo(a)pyrene	23.20	252	180711	4.508 ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	25.43	276	82120	1.693 ng/ul	95
96) Benzo(g,h,i)perylene	26.10	276	80838	2.057 ng/ul#	89

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

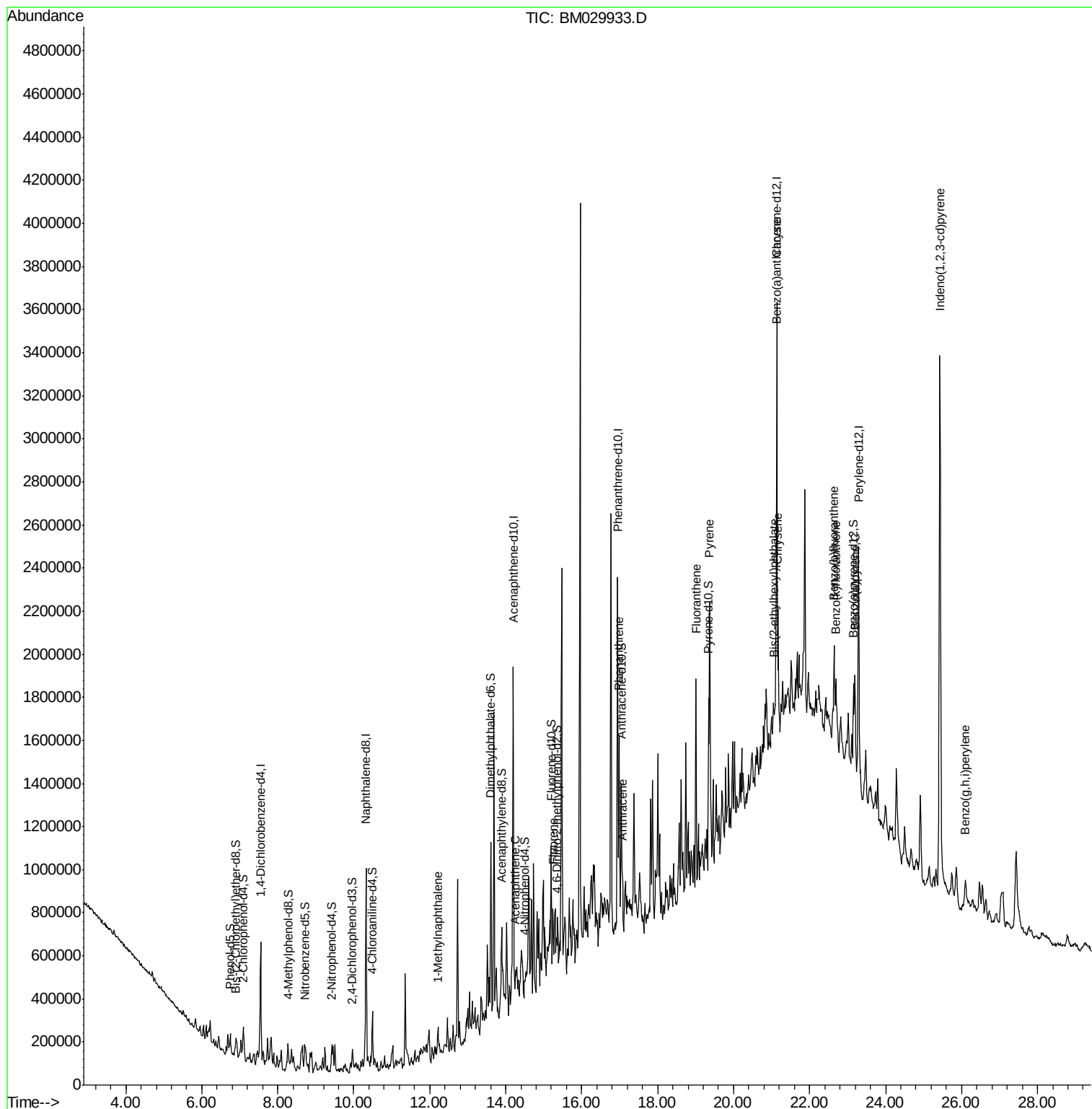
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029933.D
Acq On : 11 May 2021 08:47
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 32 Sample Multiplier: 1

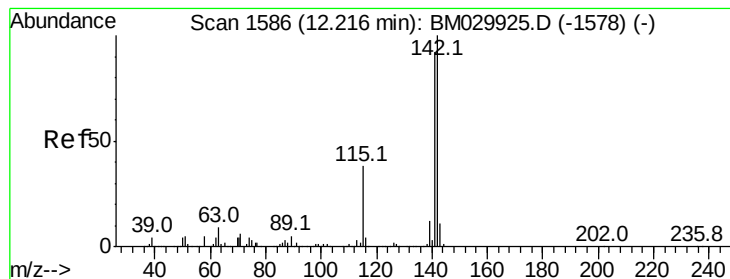
Instrument :
BNA_M
ClientSampled :
BG594

Quant Time: May 11 09:28:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 05:09:24 2021
Response via : Initial Calibration

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#37

1-Methylnaphthalene

Concen: 1.410 ng/ul

RT: 12.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BM029933.D

Acq: 11 May 2021 08:47

Instrument :

BNA_M

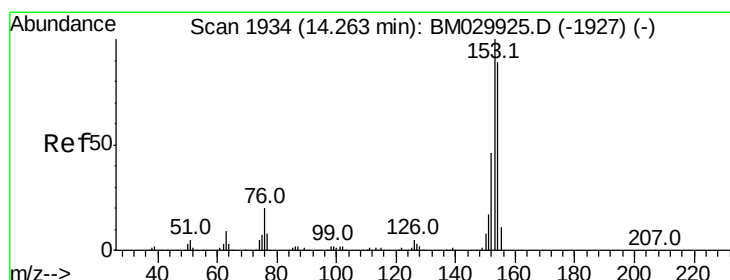
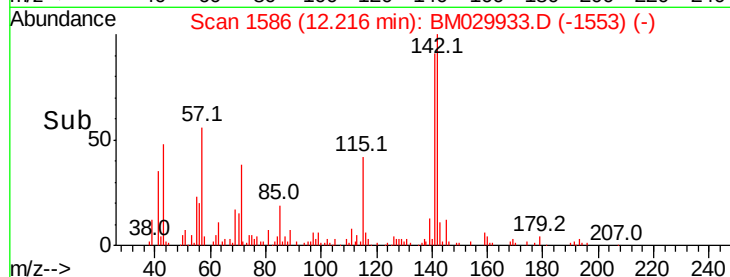
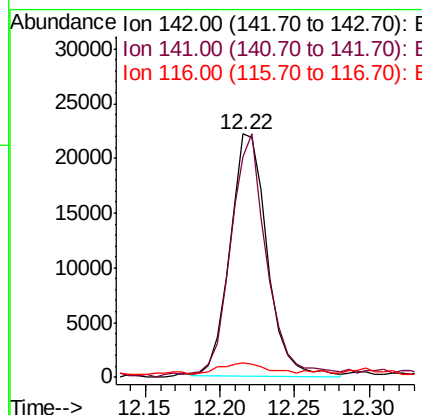
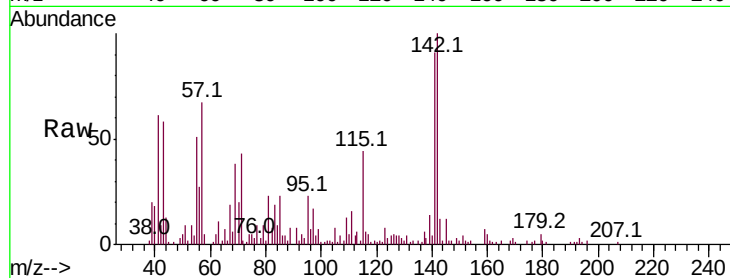
ClientSampleId :

BG594

Tot Ion:	142	Resp:	38490
Ion Ratio	Lower	Upper	
142	100		
141	90.5	72.9	109.3
116	5.8	3.0	4.6

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#52

Acenaphthene

Concen: 1.236 ng/ul

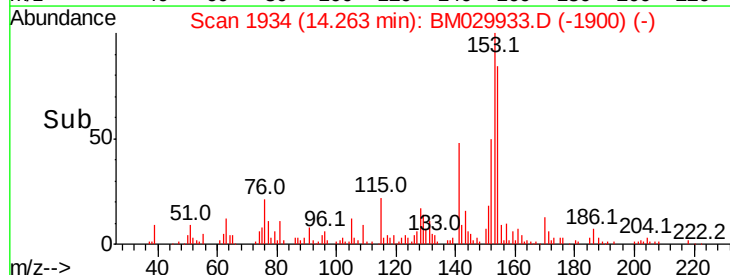
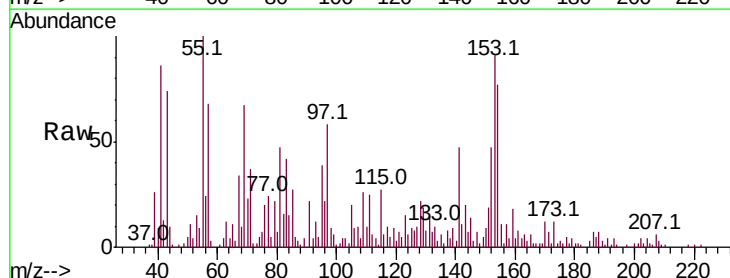
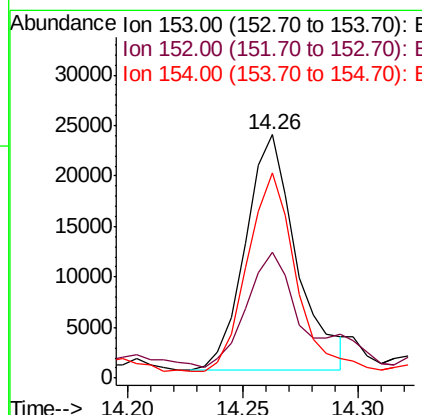
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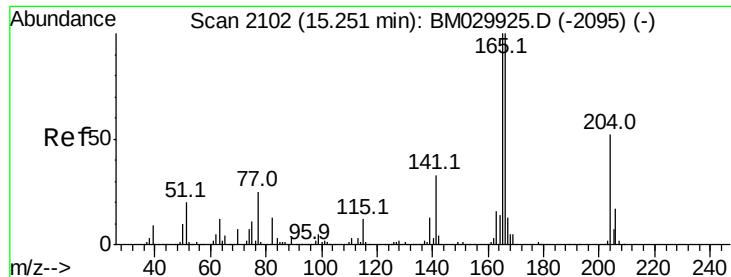
Delta R.T. 0.00 min

Lab File: BM029933.D

Acq: 11 May 2021 08:47

Tgt Ion:	153	Resp:	36040
Ion Ratio	Lower	Upper	
153	100		
152	51.6	37.7	56.5
154	84.1	70.2	105.4





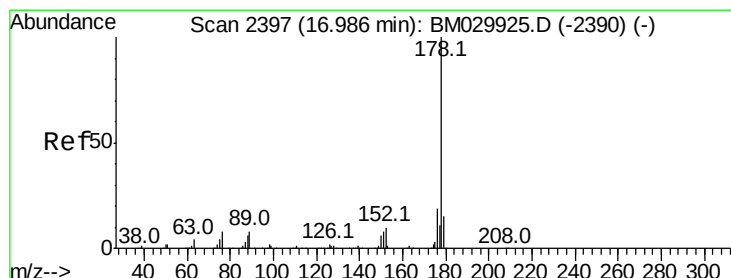
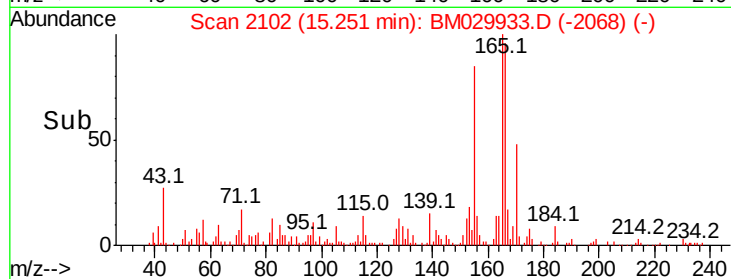
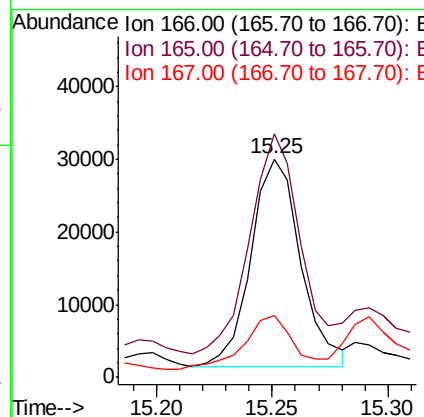
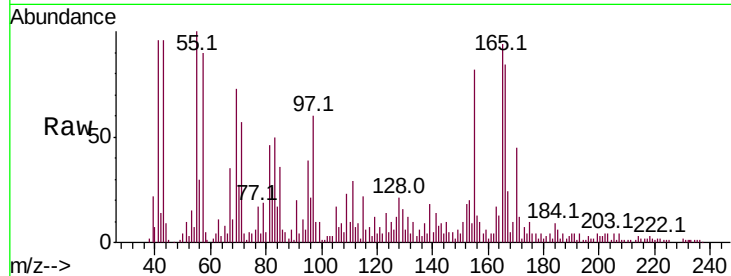
#61
Fluorene
Concen: 1.259 ng/ul
RT: 15.25 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BM029933.D
Acq: 11 May 2021 08:47

Instrument :
BNA_M
ClientSampled :
BG594

Tot Ion	Ratio	Lower	Upper
166	100		
165	111.7	78.4	117.6
167	28.4	10.9	16.3

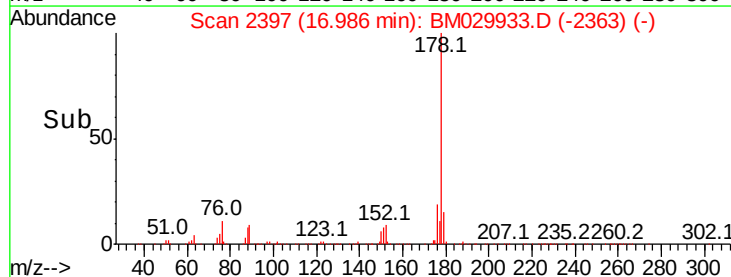
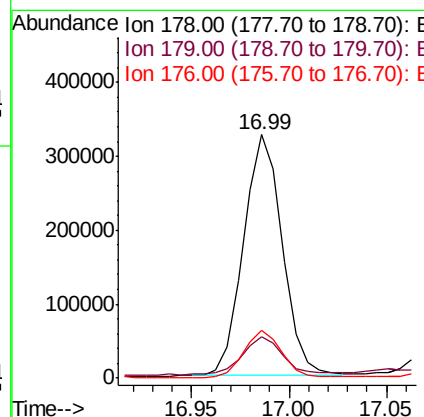
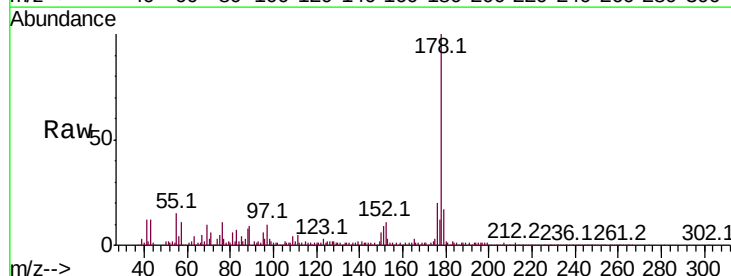
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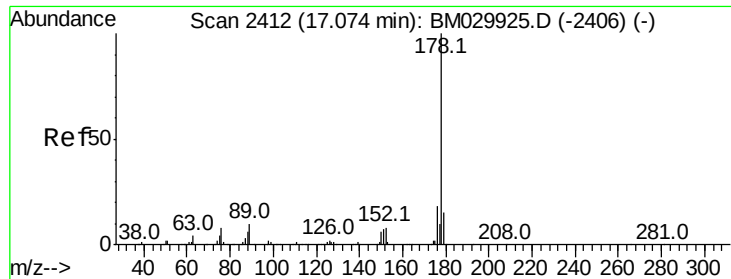
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#72
Phenanthrene
Concen: 8.740 ng/ul
RT: 16.99 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BM029933.D
Acq: 11 May 2021 08:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.2	18.4
176	19.7	15.0	22.4





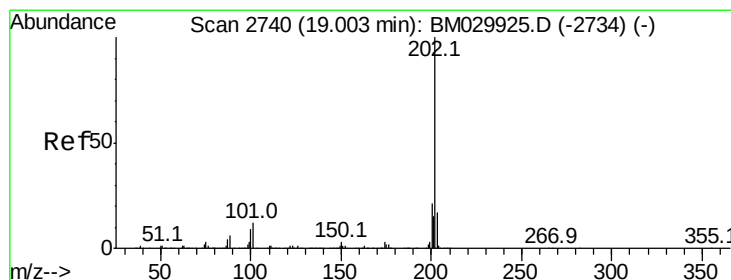
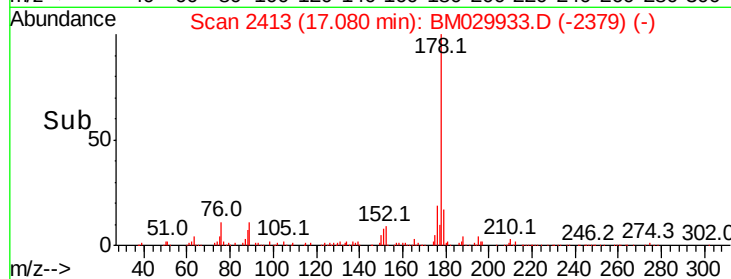
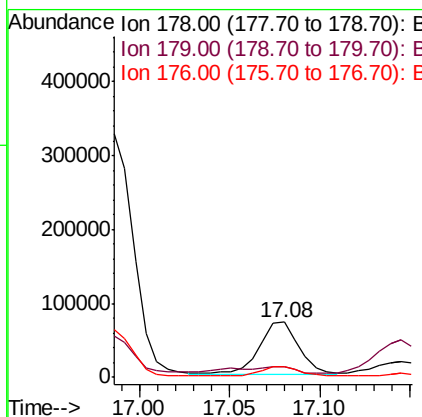
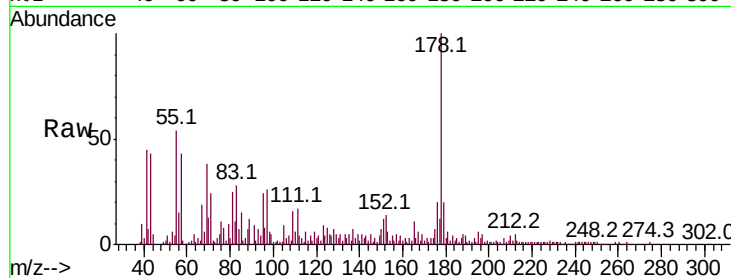
#74
 Anthracene
 Concen: 2.058 ng/ul m
 RT: 17.08 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BM029933.D
 Acq: 11 May 2021 08:47

Instrument :
 BNA_M
 ClientSampleId :
 BG594

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.2	18.2#
176	19.6	14.9	22.3

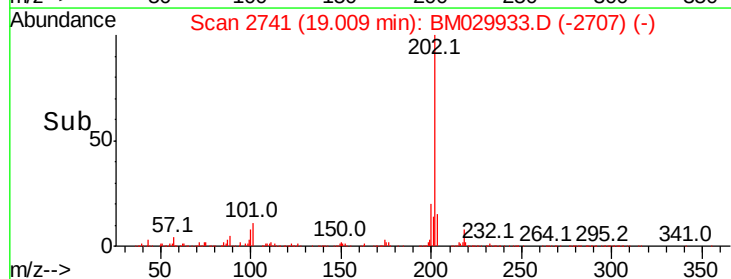
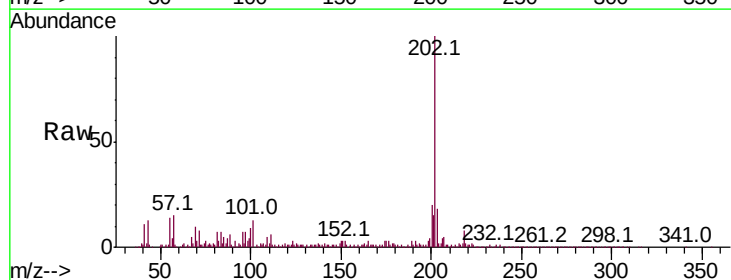
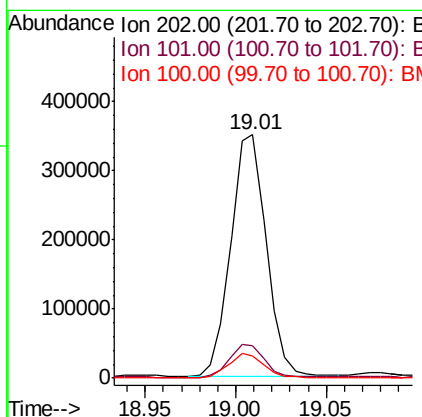
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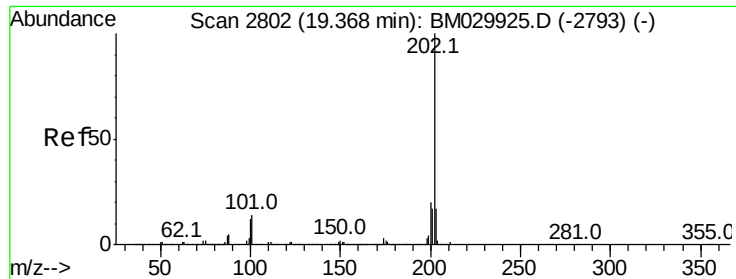
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#80
 Fluoranthene
 Concen: 10.132 ng/ul
 RT: 19.01 min Scan# 2741
 Delta R.T. 0.00 min
 Lab File: BM029933.D
 Acq: 11 May 2021 08:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.0	13.4
100	9.2	7.0	10.6





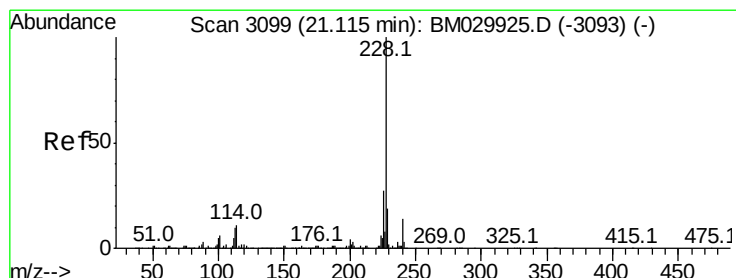
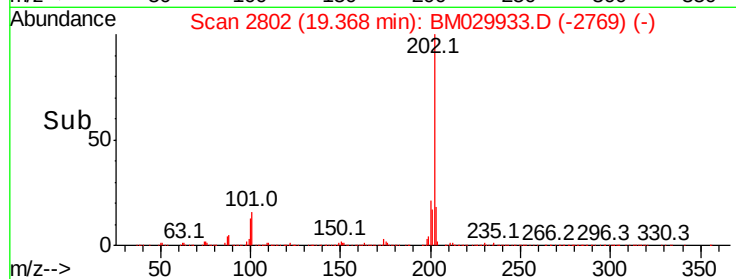
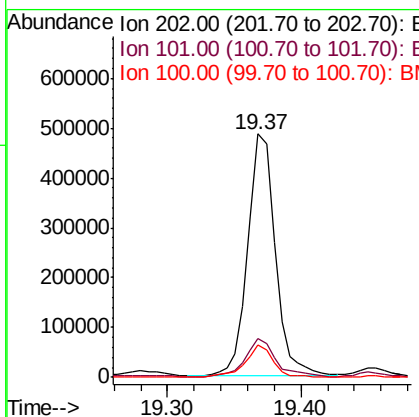
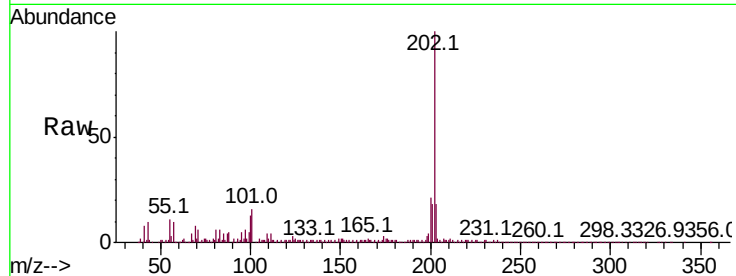
#82
Pvrene
Concen: 13.854 ng/ul
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BM029933.D
Acq: 11 May 2021 08:47

Instrument :
BNA_M
ClientSampleId :
BG594

Tot Ion	Ratio	Resp	Lower	Upper
202	100	693041		
101	16.1	11.8	17.6	
100	13.2	9.2	13.8	

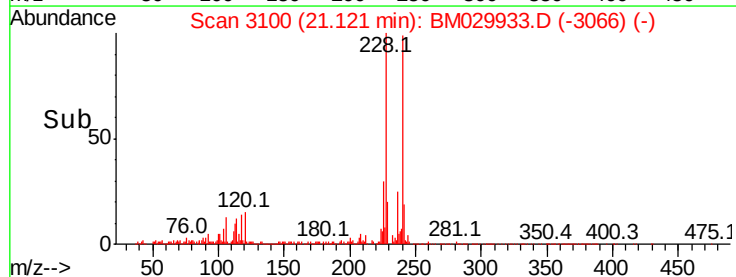
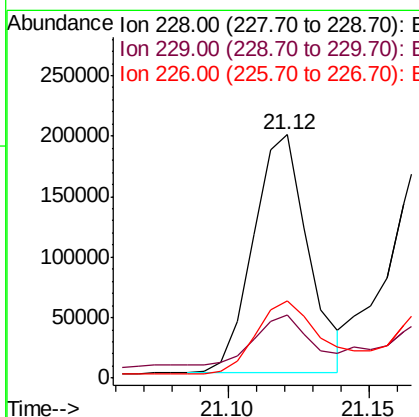
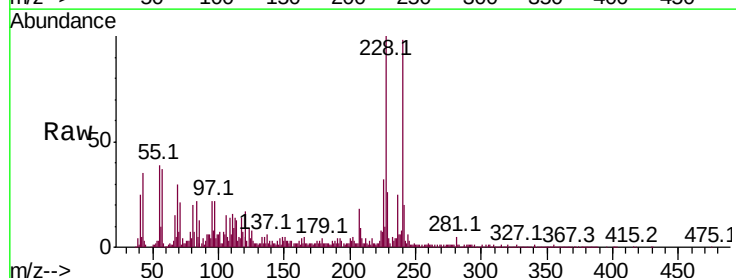
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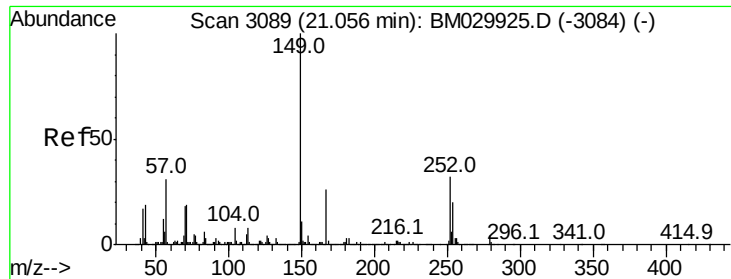
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#85
Benzo(a)anthracene
Concen: 5.357 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM029933.D
Acq: 11 May 2021 08:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	266098		
229	26.0	15.9	23.9#	
226	31.8	21.4	32.0	





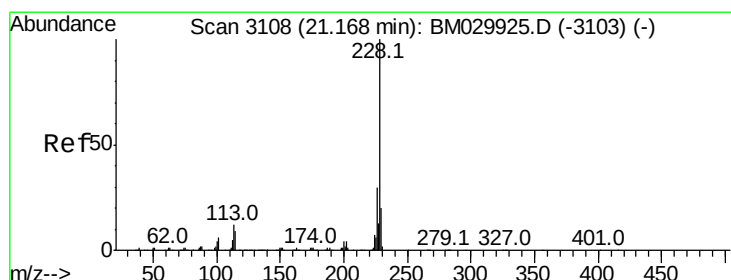
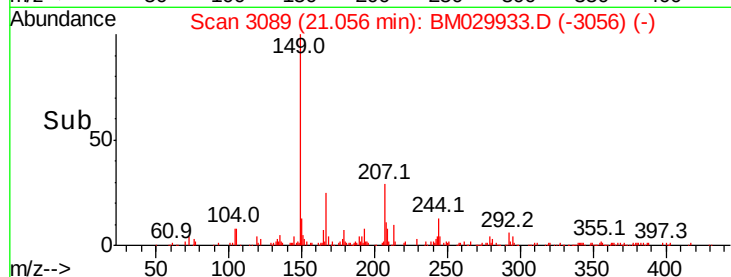
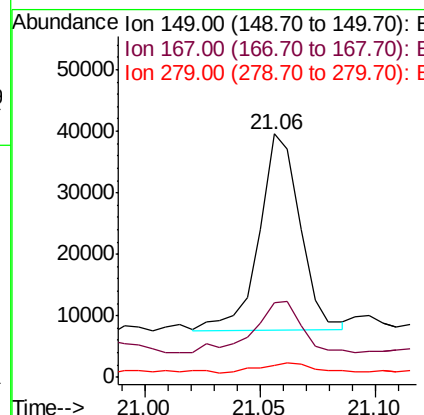
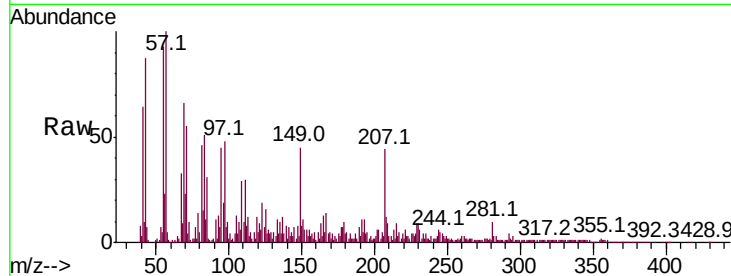
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.283 ng/ul
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM029933.D
 Acq: 11 May 2021 08:47

Instrument :
 BNA_M
 ClientSampled :
 BG594

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.5	21.1	31.7
279	5.1	3.5	5.3

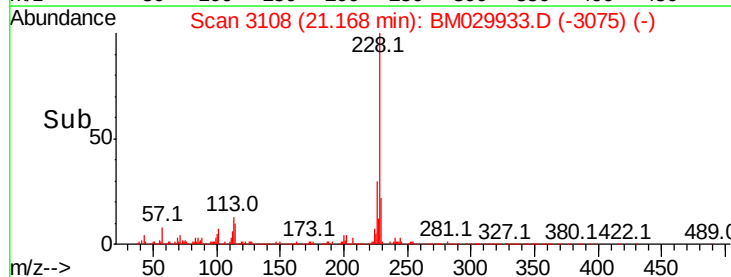
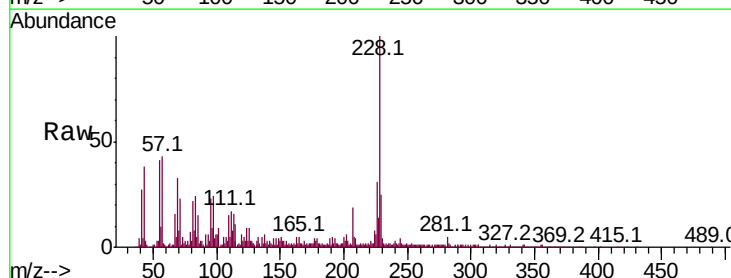
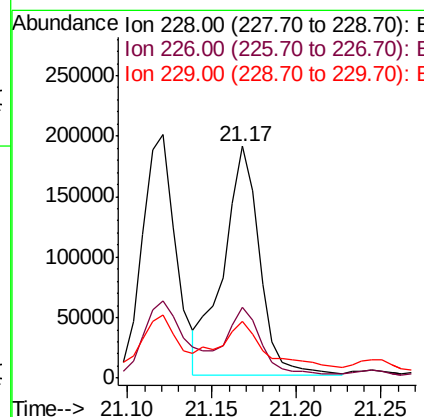
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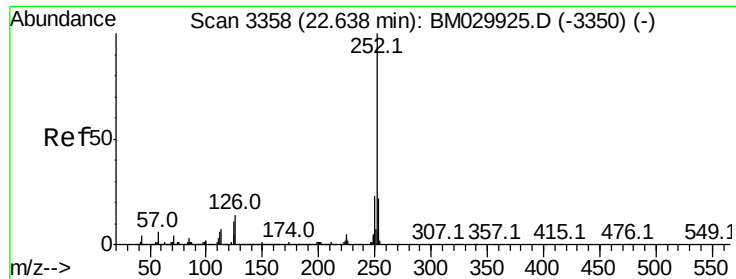
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#87
 Chrysene
 Concen: 5.733 ng/ul
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM029933.D
 Acq: 11 May 2021 08:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.9	35.9
229	24.7	15.6	23.4





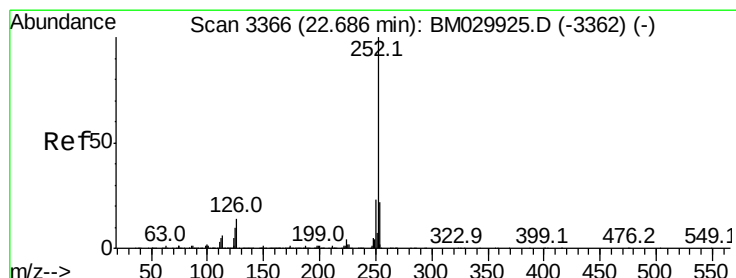
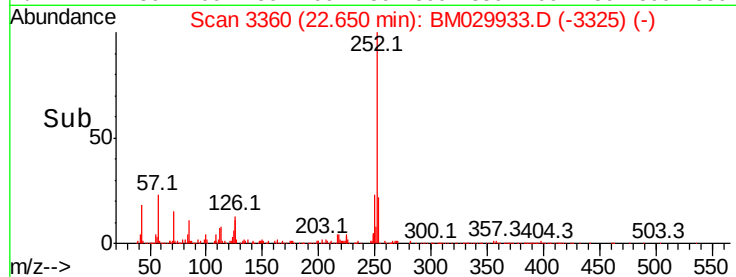
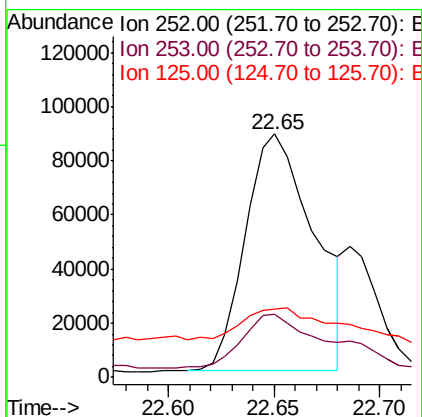
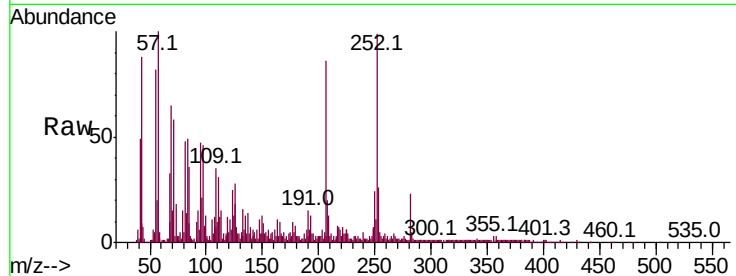
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Benzo(b)fluoranthene
Concen: 4.501 ng/ul
RT: 22.65 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM029933.D
Acq: 11 May 2021 08:47

Instrument :
BNA_M
ClientSampleId :
BG594

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.2
125	28.2	8.6	12.8#

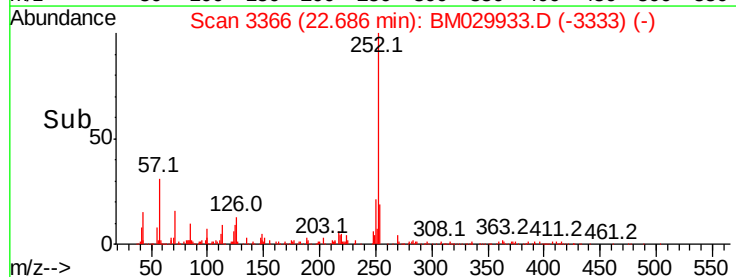
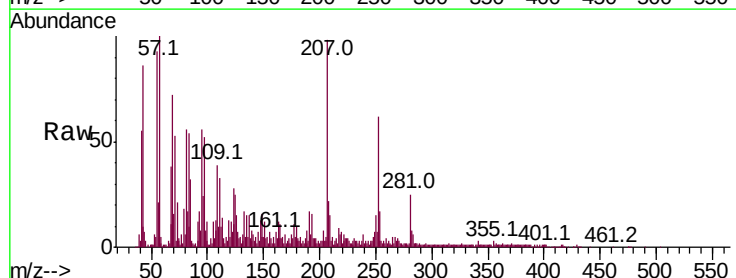
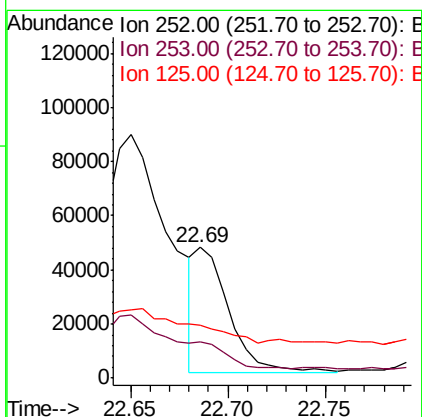
Manual Integrations
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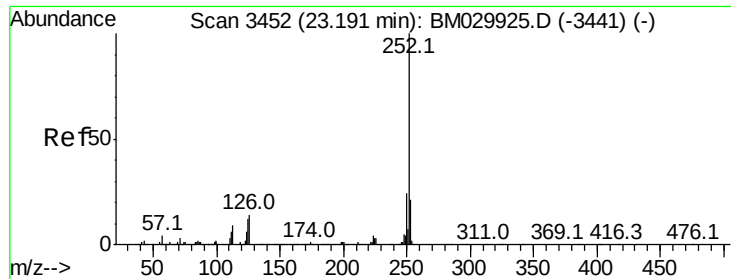
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#91
Benzo(k)fluoranthene
Concen: 1.180 ng/ul m
RT: 22.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BM029933.D
Acq: 11 May 2021 08:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.8	26.8#
125	41.0	8.4	12.6#





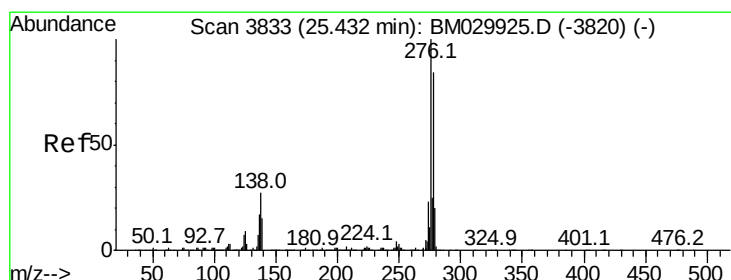
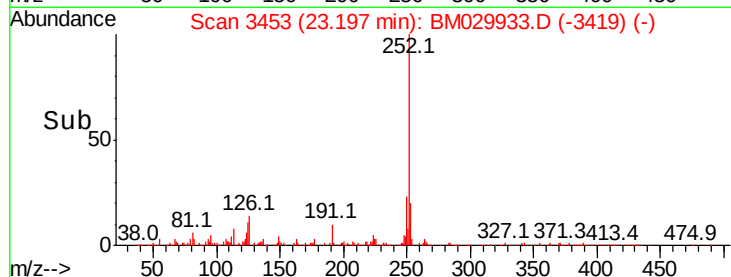
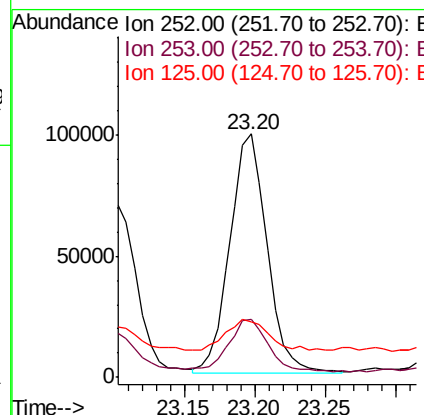
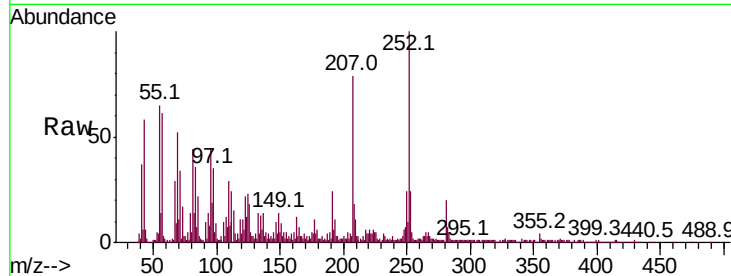
#93
Benzo(a)pyrene
Concen: 4.508 ng/ul
RT: 23.20 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM029933.D
Acq: 11 May 2021 08:47

Instrument :
BNA_M
ClientSampleId :
BG594

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	17.9	26.9
125	22.8	9.6	14.4

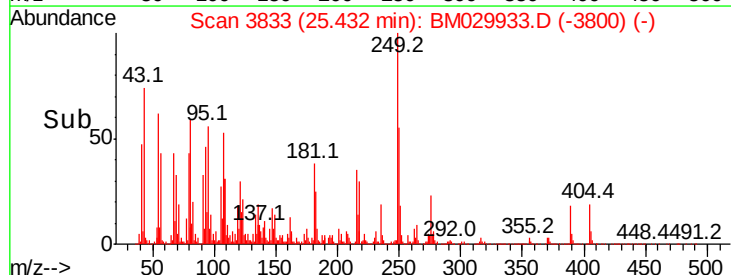
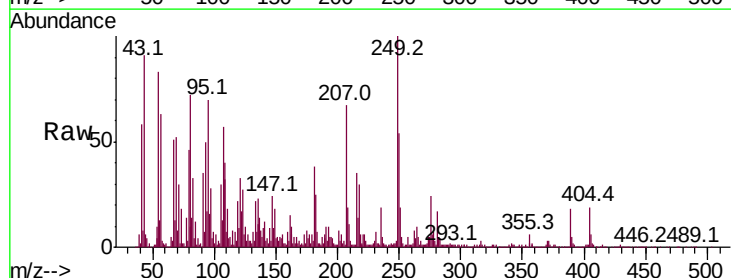
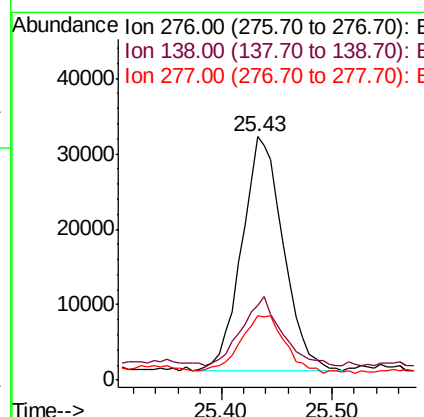
Manual Integrations
APPROVED

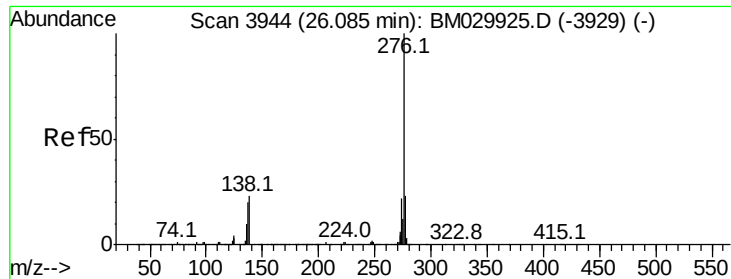
mohammad
5/11/2021 2:34:02 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.693 ng/ul
RT: 25.43 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BM029933.D
Acq: 11 May 2021 08:47

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	30.8	21.1	31.7
277	26.3	20.3	30.5





#96
 Benzo(a,h,i)perylene
 Concen: 2.057 ng/ul
 RT: 26.10 min Scan# 3946
 Delta R.T. 0.01 min
 Lab File: BM029933.D
 Acq: 11 May 2021 08:47

Instrument :
 BNA_M
 ClientSampleId :
 BG594

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	17.8	26.8#
277	28.3	18.5	27.7#

Manual Integrations
 APPROVED

mohammad
 5/11/2021 2:34:02 PM

