

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
 Data File : BM029436.D
 Acq On : 09 Apr 2021 18:00
 Operator : CG/JU
 Sample : M1881-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQG6

Manual Integrations
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mohammad
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Quant Time: Apr 09 18:36:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 09 11:03:41 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	103921	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	393441	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	210659	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	372172	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	339046	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	363755	20.00	ng/ul	0.00

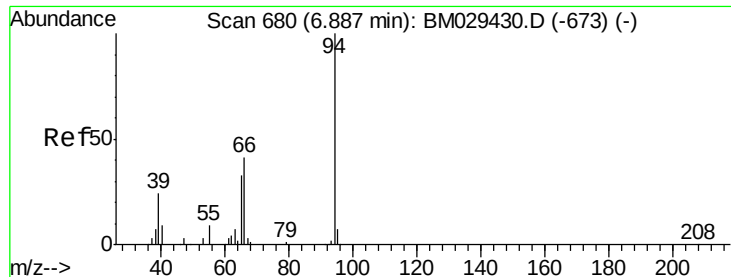
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7709	2.83	ng/uL	0.01
5) Phenol-d5	6.86	99	133088	15.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	103487	18.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	116936	17.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	78813	11.75	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	53625	19.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	57028	19.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	99080	17.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	88078	12.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	286372	18.98	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	367456	19.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	23172	8.37	ng/ul	0.00
58) Fluorene-d10	15.32	176	237250	18.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	14470	6.84	ng/ul	0.00
71) Anthracene-d10	17.16	188	346049	20.46	ng/ul	0.00
79) Pyrene-d10	19.46	212	369690	22.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	399840	21.54	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.89	94	15318	1.649 ng/ul	92
45) Dimethylphthalate	13.79	163	20276	1.307 ng/ul	96
70) Phenanthrene	17.10	178	95426	4.454 ng/ul	99
72) Anthracene	17.19	178	26140	1.189 ng/ul	97
77) Fluoranthene	19.12	202	264020	10.886 ng/ul	100
80) Pyrene	19.48	202	261651	11.653 ng/ul	97
83) Benzo(a)anthracene	21.23	228	126125	5.900 ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.17	149	26525	1.793 ng/ul	96
85) Chrysene	21.27	228	131618m	6.297 ng/ul	
88) Benzo(b)fluoranthene	22.79	252	189750	8.103 ng/ul#	94
89) Benzo(k)fluoranthene	22.83	252	68516m	2.980 ng/ul	
91) Benzo(a)pyrene	23.36	252	131309	6.321 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.67	276	100097	3.682 ng/ul#	92
93) Dibenzo(a,h)anthracene	25.67	278	23154	1.014 ng/ul#	77
94) Benzo(g,h,i)perylene	26.34	276	90211	4.085 ng/ul	98

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



#6

Phenol

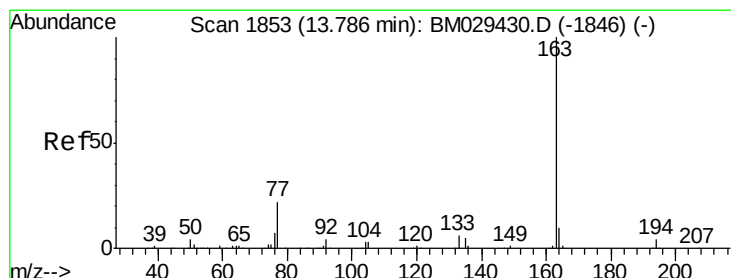
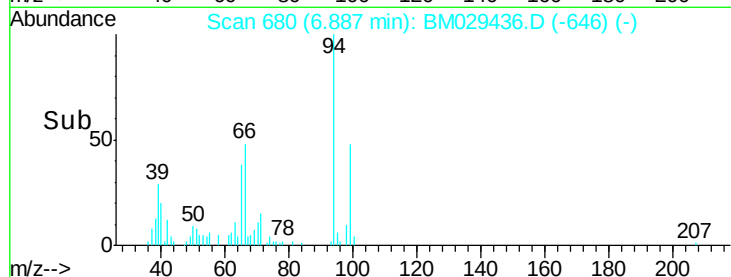
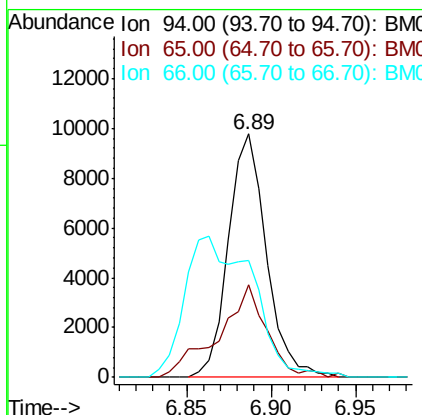
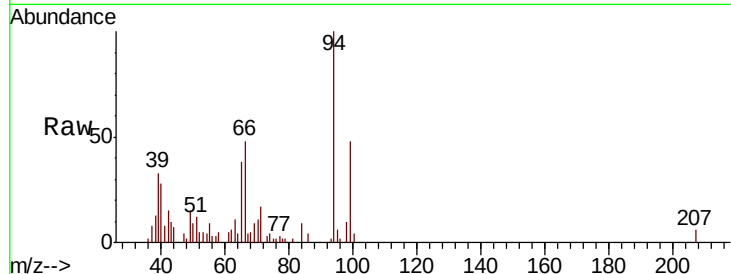
Concen: 1.649 ng/ul
 RT: 6.89 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BM029436.D
 Acq: 09 Apr 2021 18:00

Instrument :
 BNA_M
 ClientSampleId :
 ESQG6

Tot Ion	Ratio	Lower	Upper
94	100		
65	37.9	26.7	40.1
66	47.8	33.8	50.8

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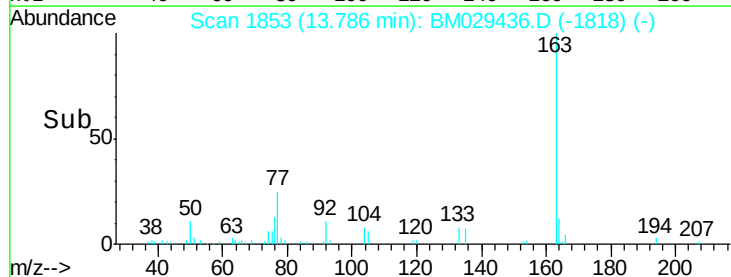
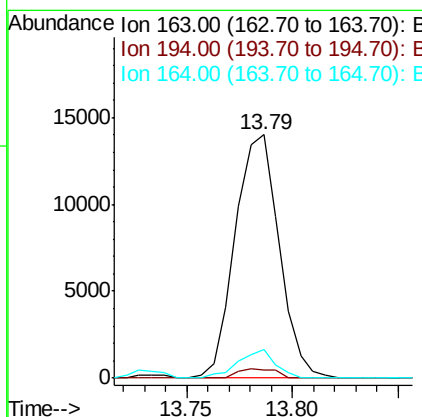
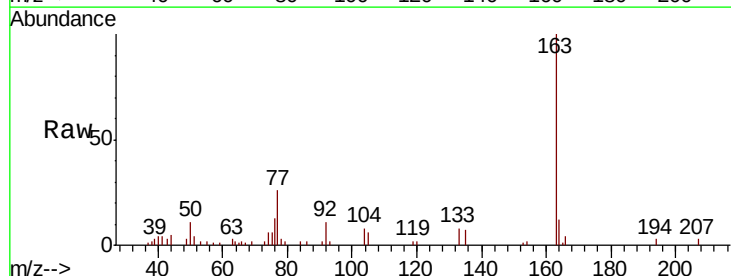


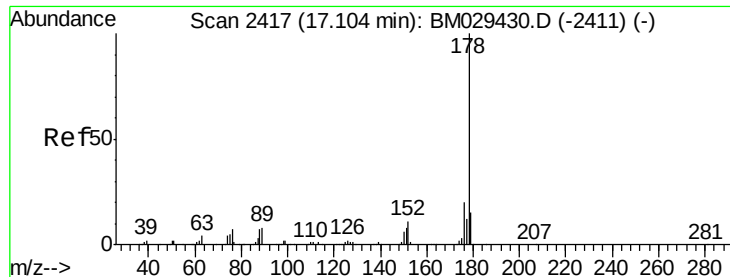
#45

Dimethylphthalate

Concen: 1.307 ng/ul
 RT: 13.79 min Scan# 1853
 Delta R.T. 0.01 min
 Lab File: BM029436.D
 Acq: 09 Apr 2021 18:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.6
164	12.0	8.1	12.1





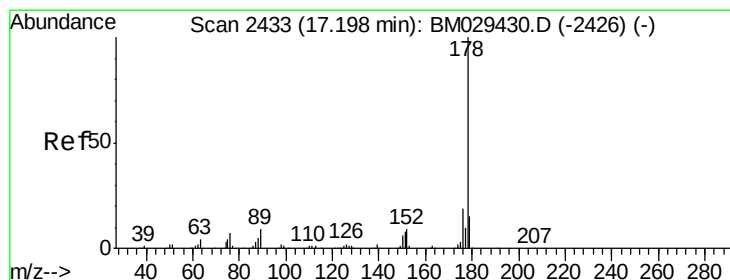
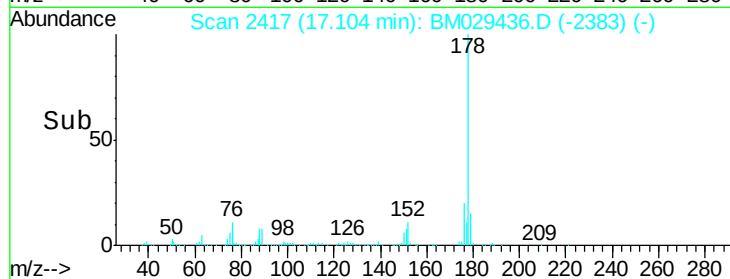
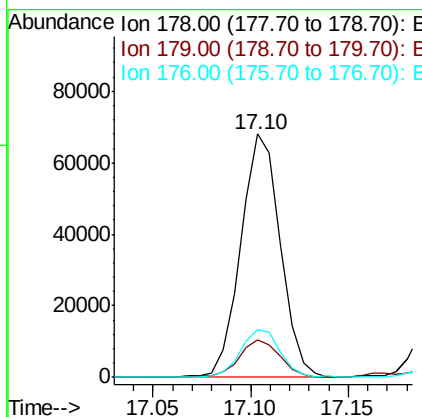
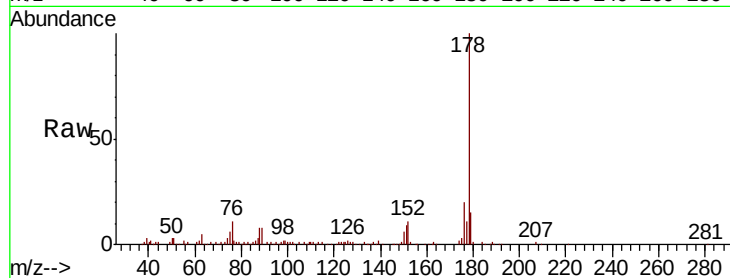
#70
Phenanthrene
Concen: 4.454 ng/ul
RT: 17.10 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM029436.D
Acq: 09 Apr 2021 18:00

Instrument :
BNA_M
ClientSampleId :
ESQG6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.6	15.4	23.2

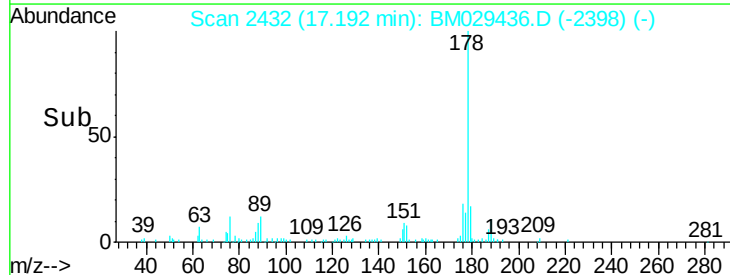
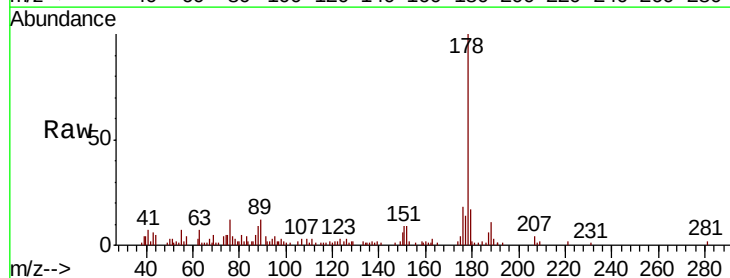
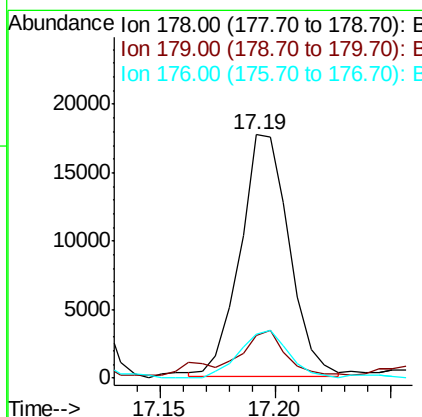
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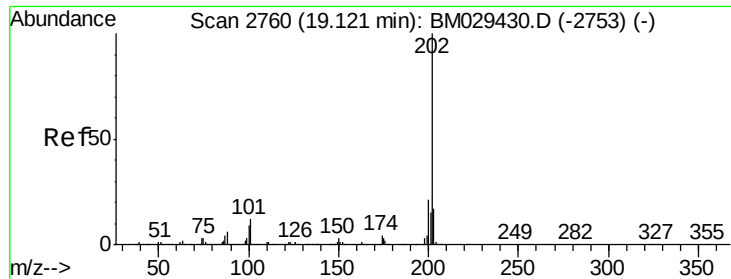
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#72
Anthracene
Concen: 1.189 ng/ul
RT: 17.19 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BM029436.D
Acq: 09 Apr 2021 18:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.6	19.0
176	17.9	15.4	23.0





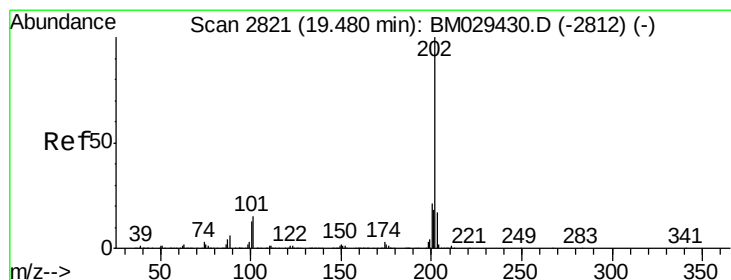
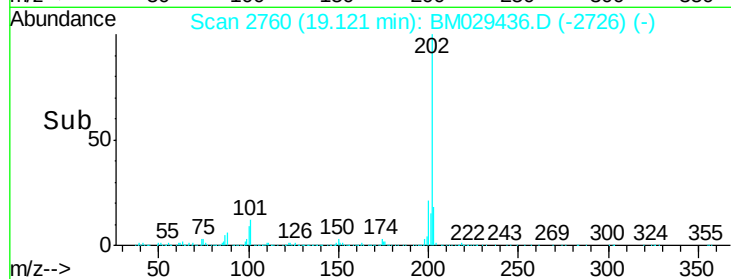
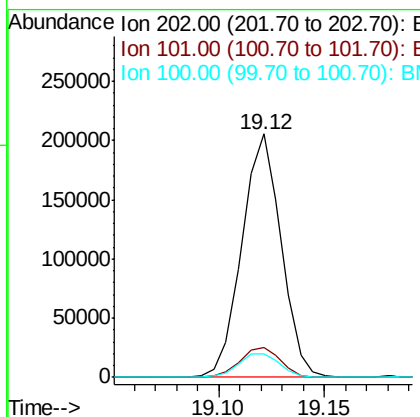
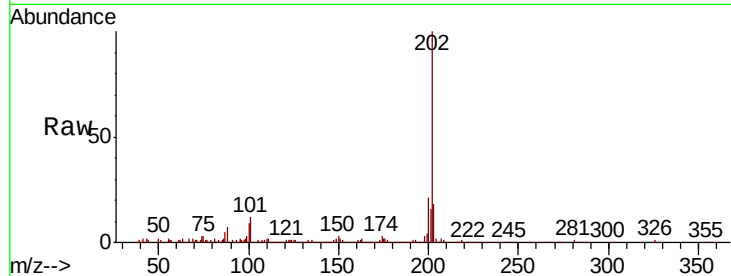
#77
 Fluoranthene
 Concen: 10.886 ng/ul
 RT: 19.12 min Scan# 2760
 Delta R.T. -0.00 min
 Lab File: BM029436.D
 Acq: 09 Apr 2021 18:00

Instrument :
 BNA_M
 ClientSampleId :
 ESQG6

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.4	9.8	14.6
100	9.4	7.4	11.0

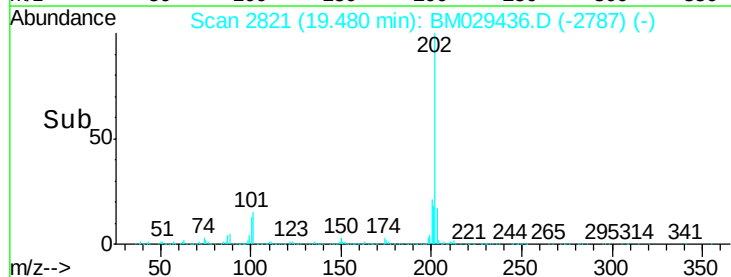
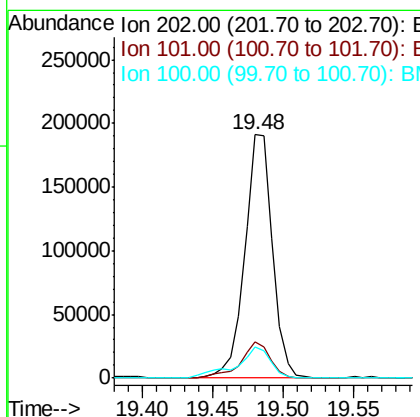
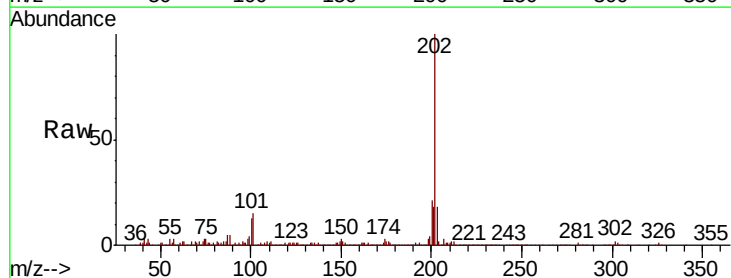
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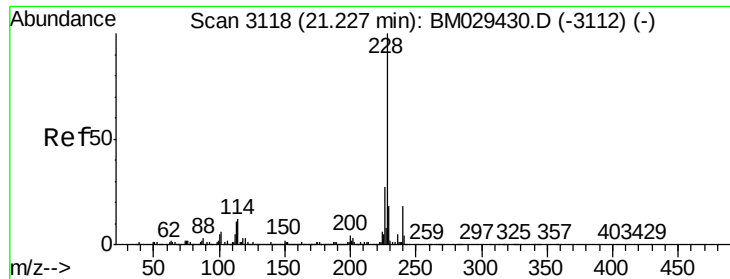
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#80
 Pyrene
 Concen: 11.653 ng/ul
 RT: 19.48 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BM029436.D
 Acq: 09 Apr 2021 18:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	11.0	16.6
100	12.9	9.5	14.3





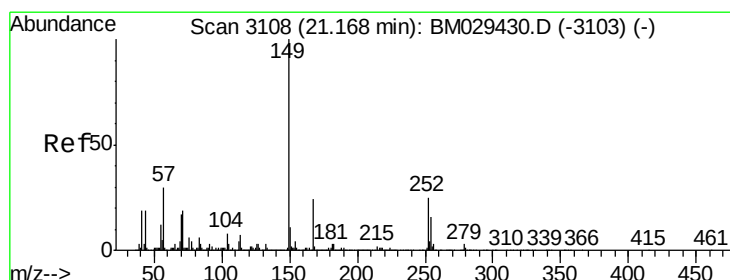
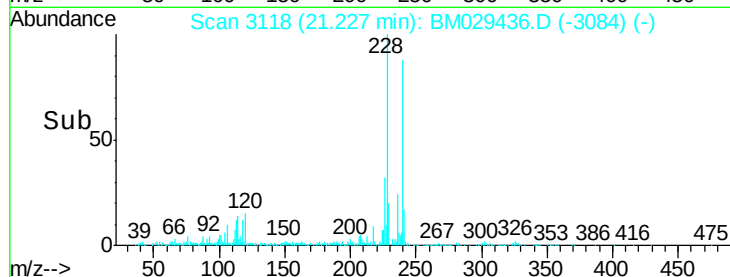
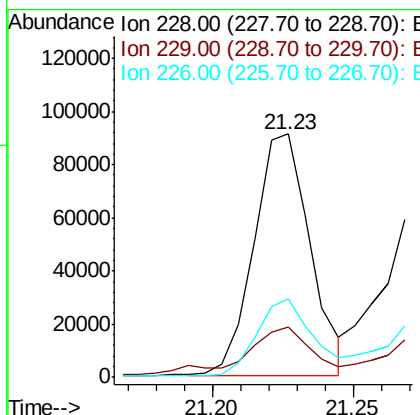
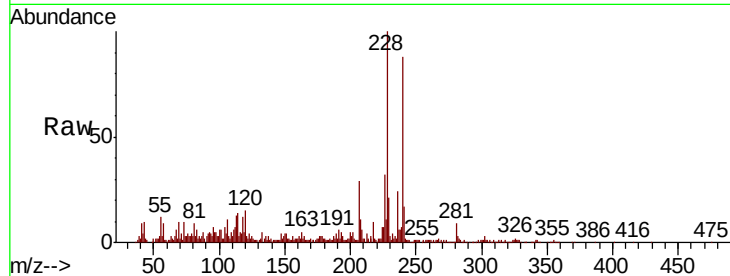
#83
Benzo(a)anthracene
Concen: 5.900 ng/ul
RT: 21.23 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM029436.D
Acq: 09 Apr 2021 18:00

Instrument :
BNA_M
ClientSampleId :
ESQG6

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	32.2	22.3	33.5

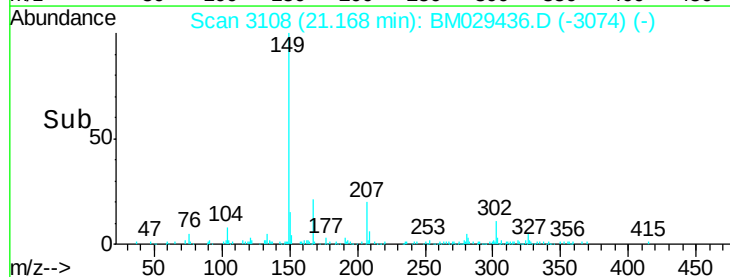
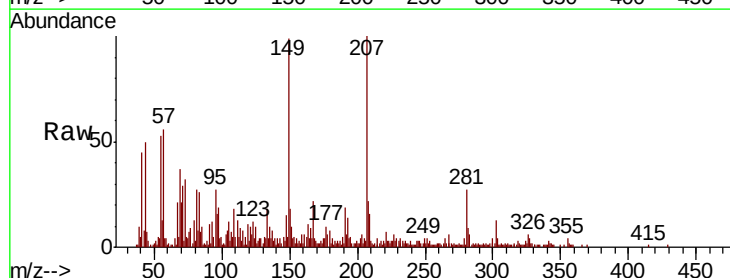
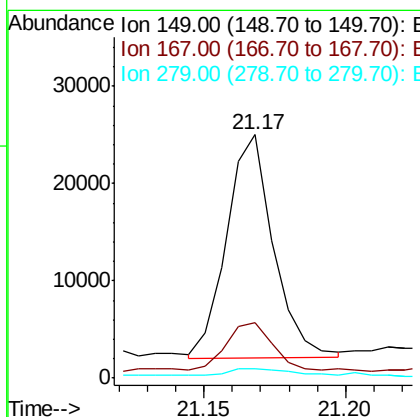
Manual Integrations
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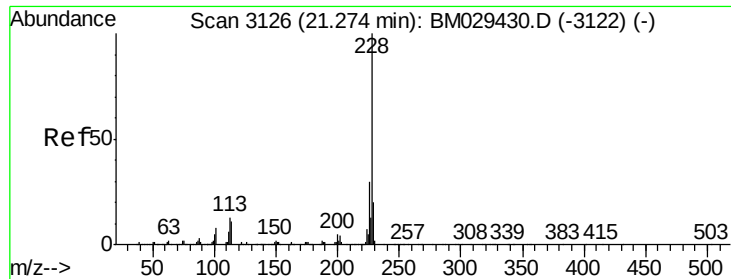
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.793 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM029436.D
Acq: 09 Apr 2021 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	22.7	20.1	30.1
279	3.8	2.6	3.8





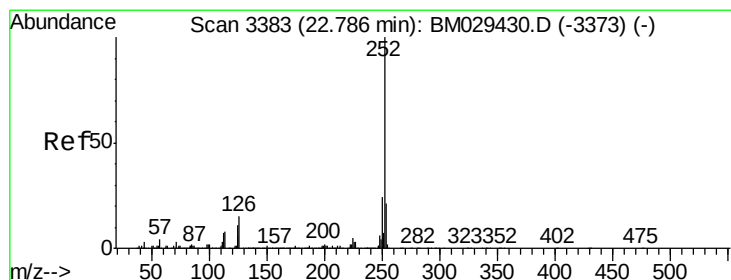
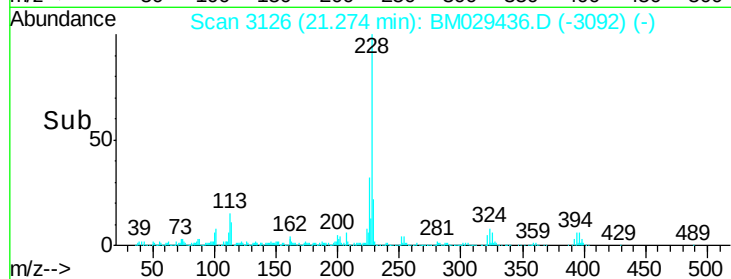
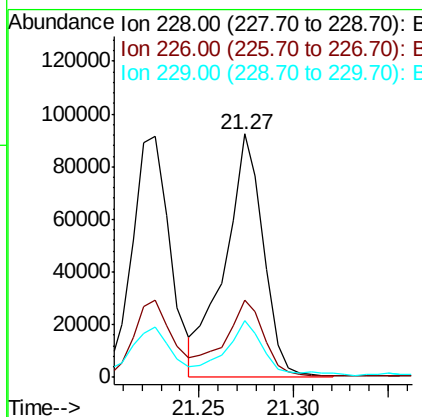
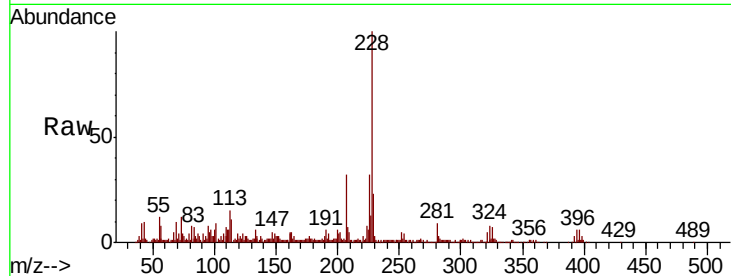
#85
Chrysene
Concen: 6.297 ng/ul m
RT: 21.27 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BM029436.D
Acq: 09 Apr 2021 18:00

Instrument :
BNA_M
ClientSampleId :
ESQG6

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	23.1	15.4	23.0

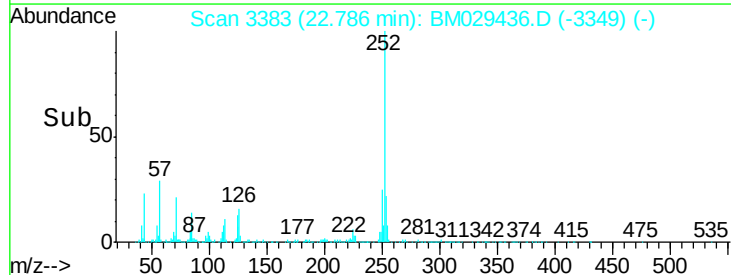
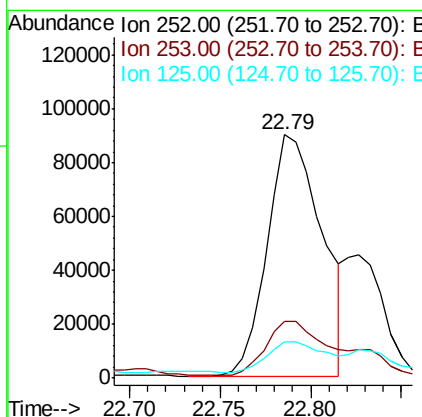
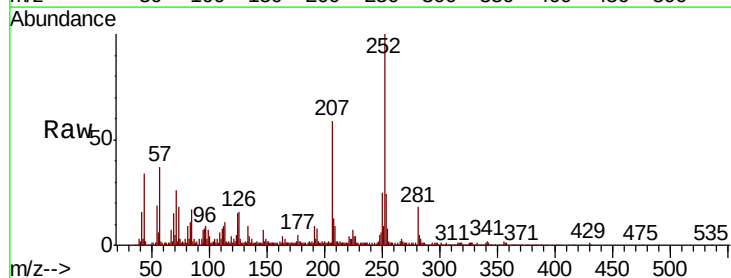
Manual Integrations
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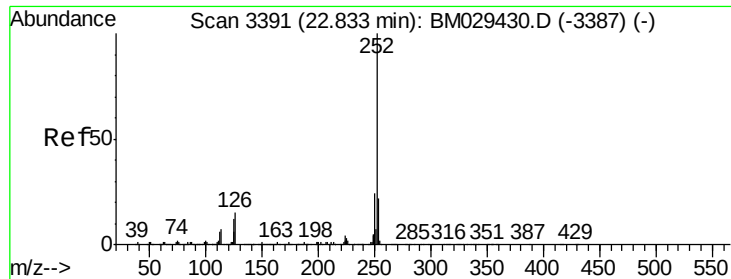
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#88
Benzo(b)fluoranthene
Concen: 8.103 ng/ul
RT: 22.79 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BM029436.D
Acq: 09 Apr 2021 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	14.7	8.8	13.2





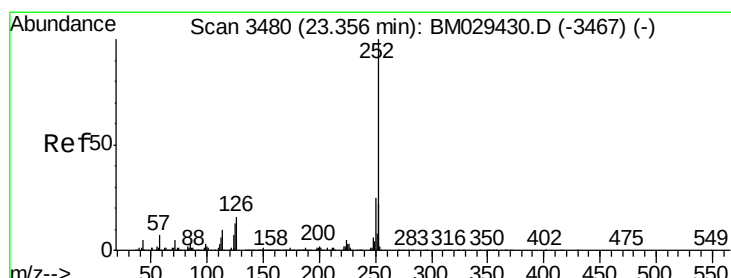
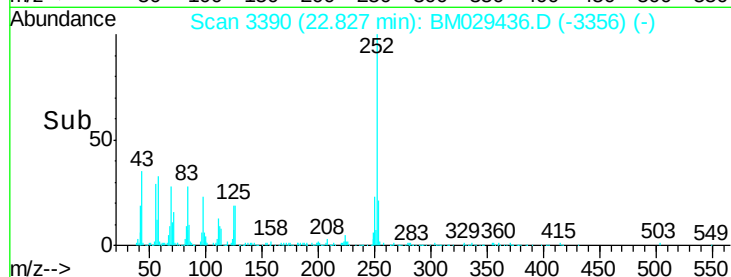
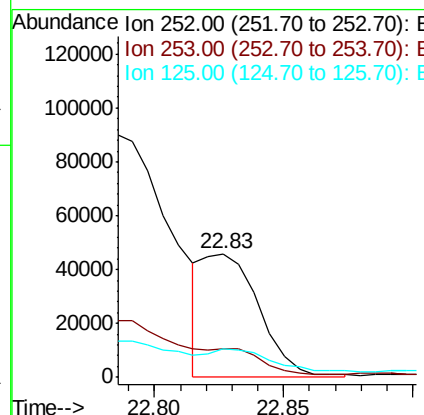
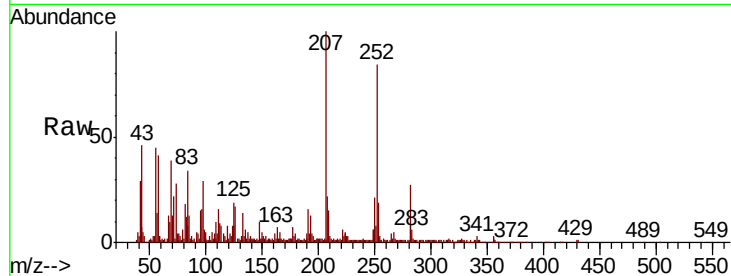
#89
Benzo(k)fluoranthene
Concen: 2.980 ng/ul m
RT: 22.83 min Scan# 3390
Delta R.T. -0.00 min
Lab File: BM029436.D
Acq: 09 Apr 2021 18:00

Instrument :
BNA_M
ClientSampled :
ESQG6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	22.8	9.4	14.0

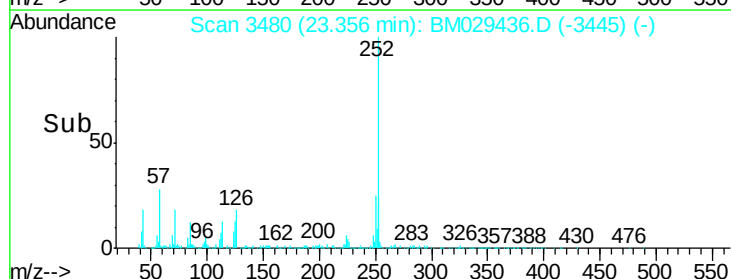
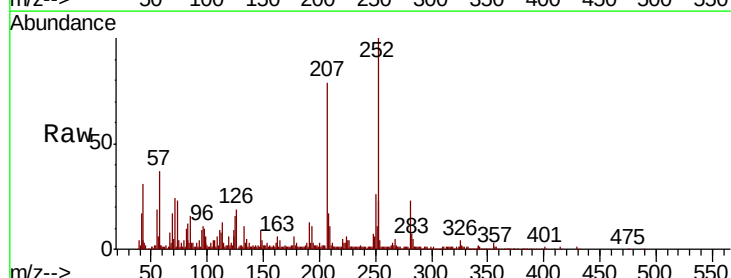
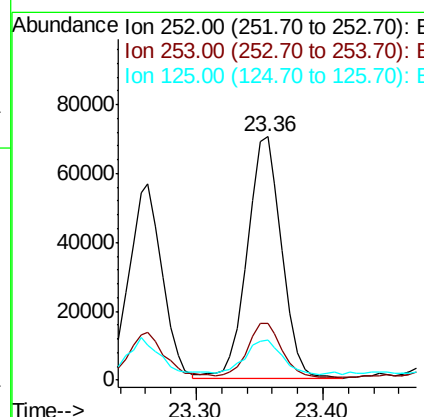
Manual Integrations
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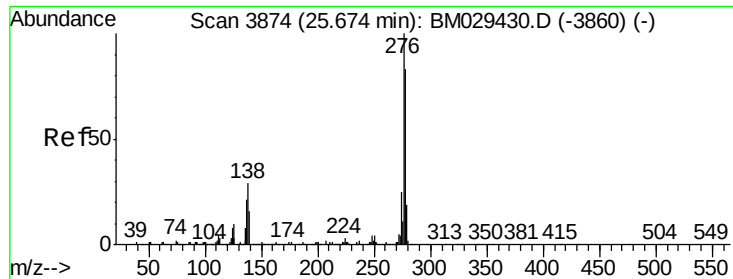
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#91
Benzo(a)pyrene
Concen: 6.321 ng/ul
RT: 23.36 min Scan# 3480
Delta R.T. 0.01 min
Lab File: BM029436.D
Acq: 09 Apr 2021 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	16.4	9.8	14.8





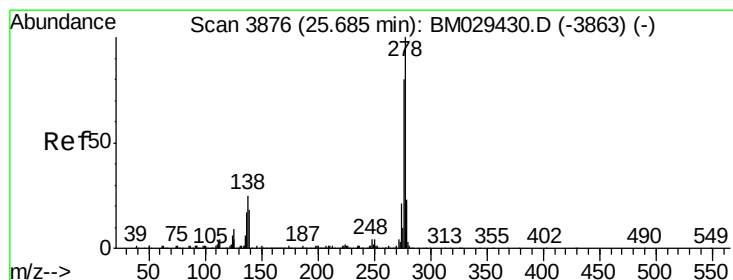
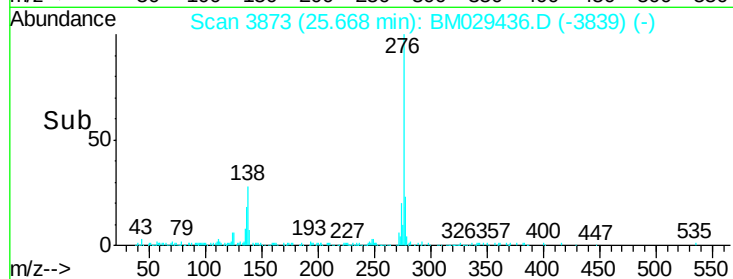
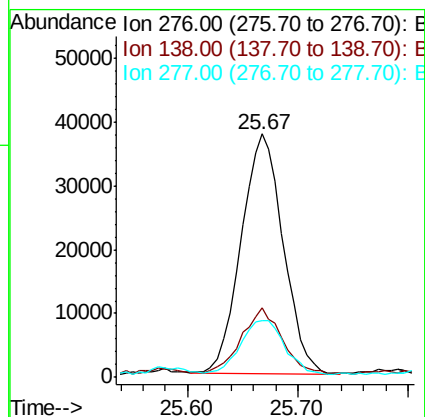
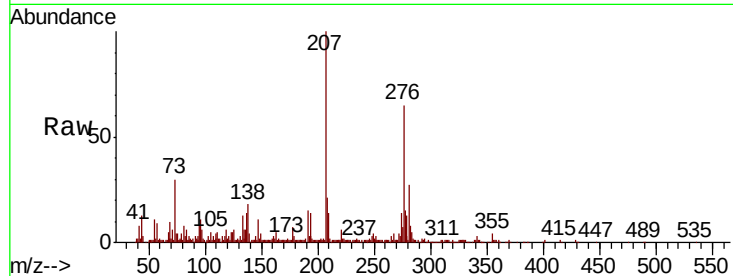
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.682 ng/ul
RT: 25.67 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BM029436.D
Acq: 09 Apr 2021 18:00

Instrument :
BNA_M
ClientSampleId :
ESQG6

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	22.3	33.5#
277	23.4	19.7	29.5

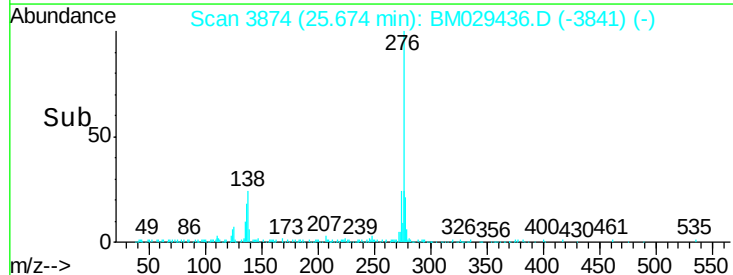
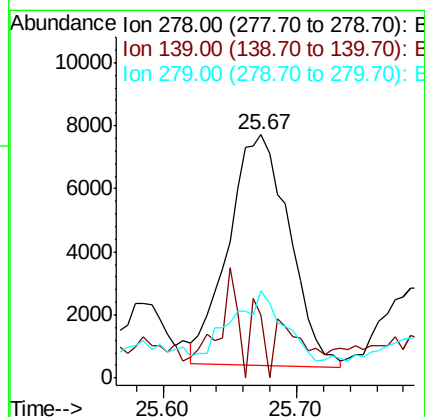
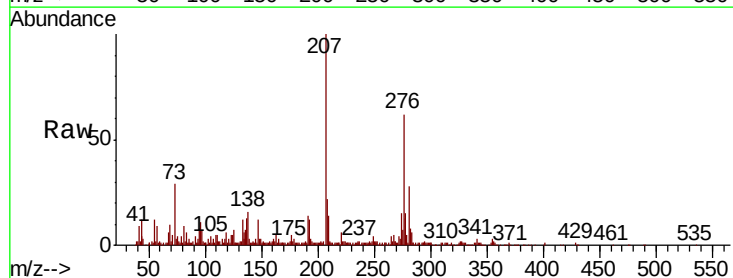
Manual Integrations
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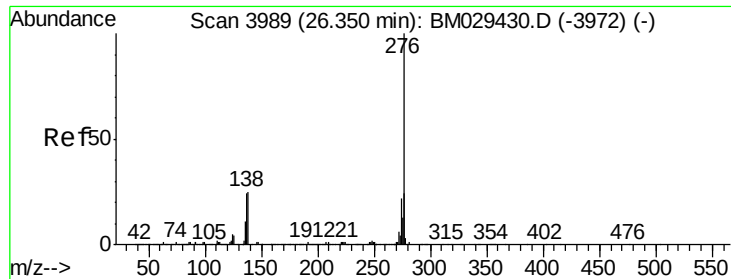
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#93
Dibenzo(a,h)anthracene
Concen: 1.014 ng/ul
RT: 25.67 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BM029436.D
Acq: 09 Apr 2021 18:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.0	14.7	22.1#
279	35.8	18.2	27.2#





#94

Benzo(a,h,i)perylene

Concen: 4.085 ng/ul

RT: 26.34 min Scan# 3988

Delta R.T. -0.00 min

Lab File: BM029436.D

Acq: 09 Apr 2021 18:00

Instrument :

BNA_M

ClientSampleId :

ESQG6

Tot Ion:	276	Resp:	90211
Ion Ratio	Lower	Upper	
276	100		
138	24.6	19.5	29.3
277	25.4	18.8	28.2

Manual Integrations
APPROVED

mohammad
4/12/2021 2:46:17 PM

