

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062620\
 Data File : BM026598.D
 Acq On : 26 Jun 2020 20:41
 Operator : JU/CG
 Sample : L3064-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET160

Manual Integrations
 APPROVED

mohammad
 6/29/2020 3:17:53 PM

Quant Time: Jun 26 23:15:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 26 22:52:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	70506	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	318467	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	213204	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	500700	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	624395	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	613909	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	4923	2.45	ng/uL	0.00
5) Phenol-d5	6.57	99	92823	14.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	76216	18.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	80971	15.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	83360	16.31	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	37649	13.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	29281	9.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	81420	14.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	101214	16.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	311443	17.37	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	304324	14.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	18223m	6.13	ng/ul	0.02
58) Fluorene-d10	15.03	176	217411	14.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	9590	2.93	ng/ul	0.00
71) Anthracene-d10	16.88	188	346010	13.58	ng/ul	0.00
79) Pyrene-d10	19.19	212	418634	12.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	428472	12.62	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.17	128	92984	4.801	ng/ul 99
34) 2-Methylnaphthalene	11.80	142	15474	1.137	ng/ul 98
45) Dimethylphthalate	13.50	163	239951	12.889	ng/ul 99
50) Acenaphthene	14.09	153	21962	1.389	ng/ul 96
54) Dibenzofuran	14.43	168	35144	1.575	ng/ul 97
59) Fluorene	15.09	166	21565	1.171	ng/ul 95
70) Phenanthrene	16.82	178	150711	4.799	ng/ul 98
72) Anthracene	16.92	178	36610	1.137	ng/ul 95
77) Fluoranthene	18.85	202	294778	8.592	ng/ul 99
80) Pyrene	19.22	202	283332	6.172	ng/ul 98
83) Benzo(a)anthracene	20.98	228	156479	3.518	ng/ul 95
85) Chrysene	21.03	228	178966	4.145	ng/ul 96
88) Benzo(b)fluoranthene	22.47	252	229571	5.453	ng/ul 98
89) Benzo(k)fluoranthene	22.51	252	66835	1.650	ng/ul 95
91) Benzo(a)pyrene	22.99	252	195347	5.267	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.10	276	104104	2.141	ng/ul 95
94) Benzo(g,h,i)perylene	25.71	276	82345	2.028	ng/ul 97

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

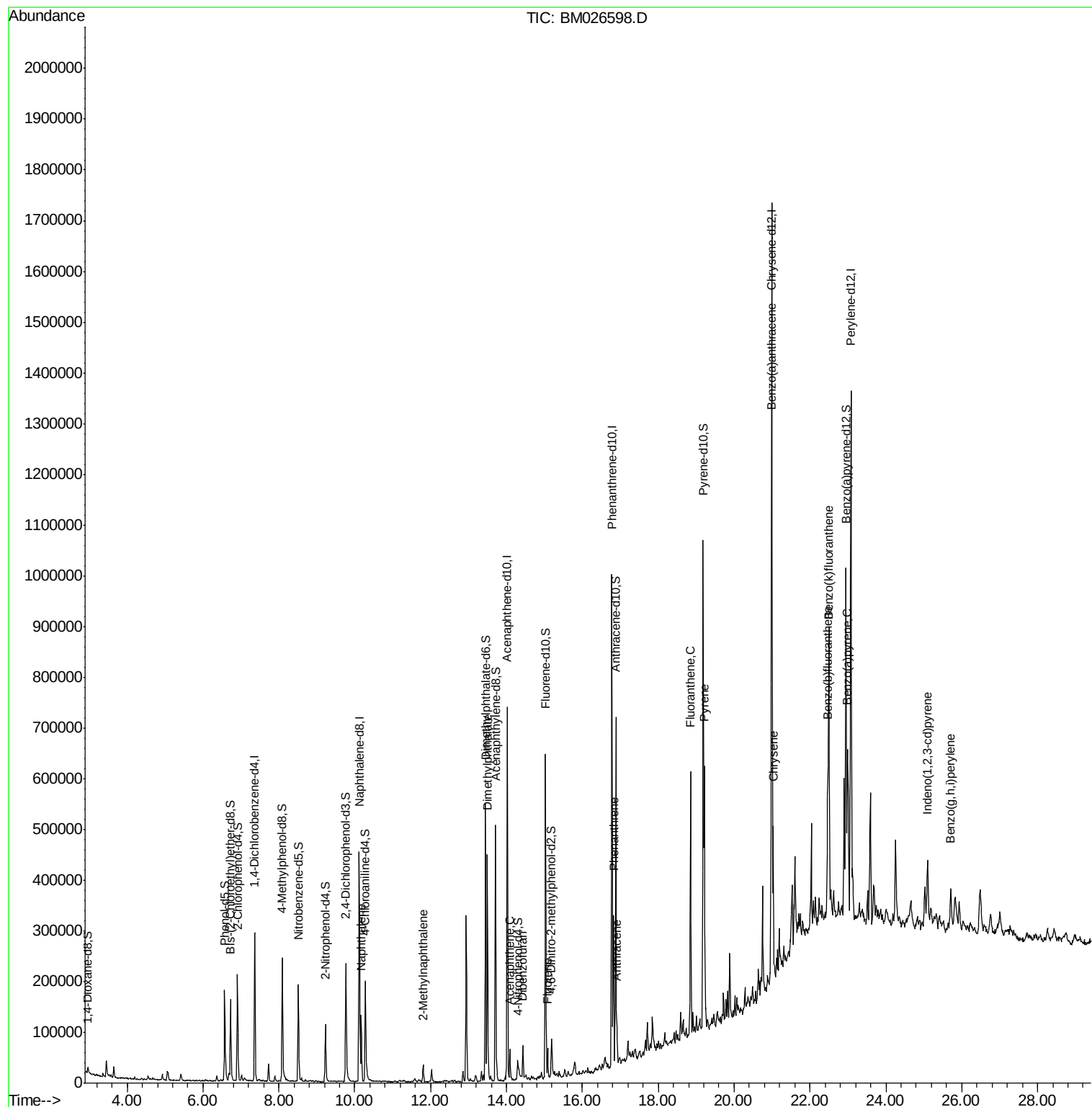
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062620\
Data File : BM026598.D
Acq On : 26 Jun 2020 20:41
Operator : JU/CG
Sample : L3064-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

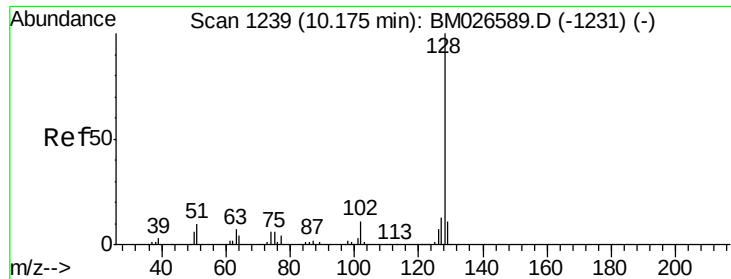
Instrument :
BNA_M
ClientSampleId :
ET160

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Quant Time: Jun 26 23:15:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 26 22:52:41 2020
Response via : Initial Calibration





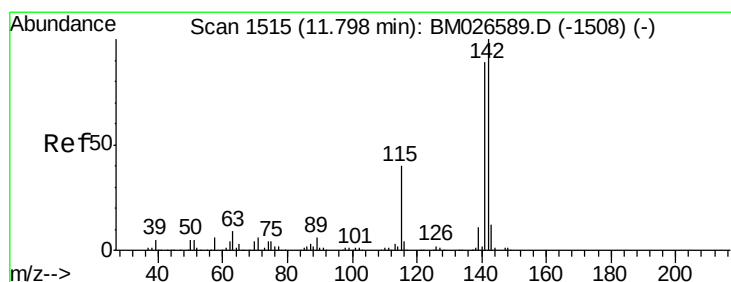
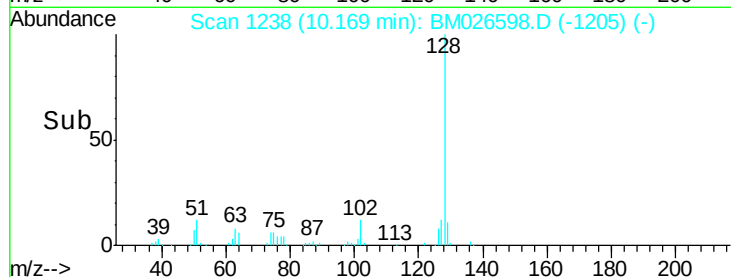
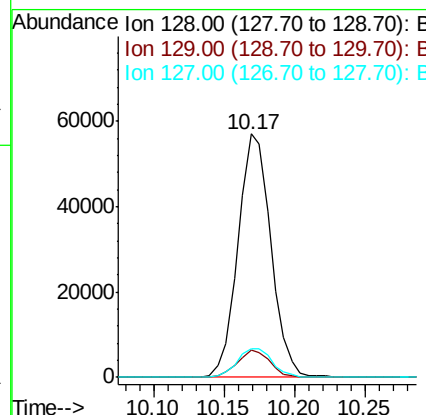
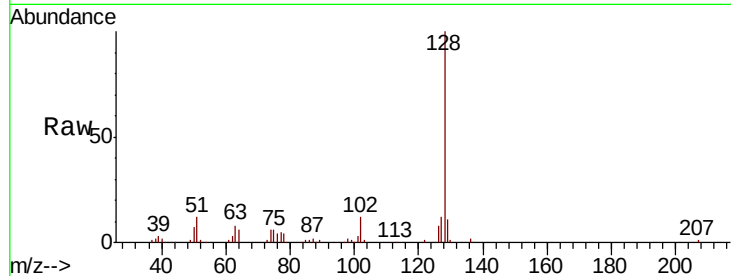
#28
Naphthalene
Concen: 4.801 ng/ul
RT: 10.17 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Instrument :
BNA_M
ClientSampleId :
ET160

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	11.9	10.1	15.1

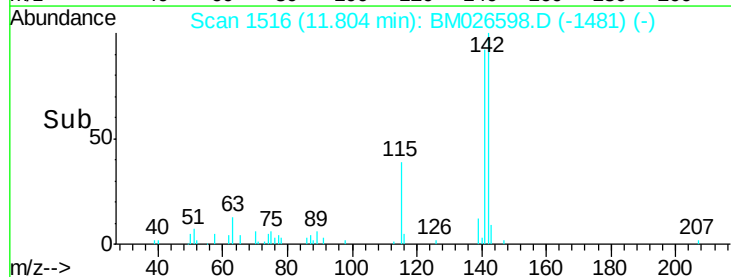
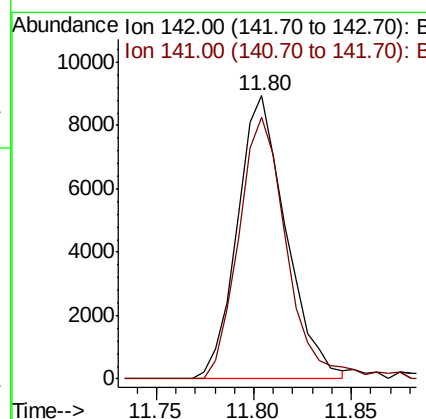
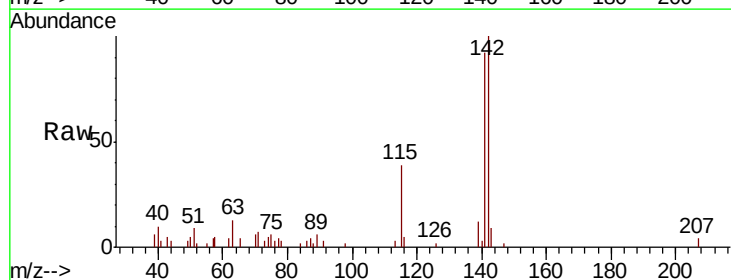
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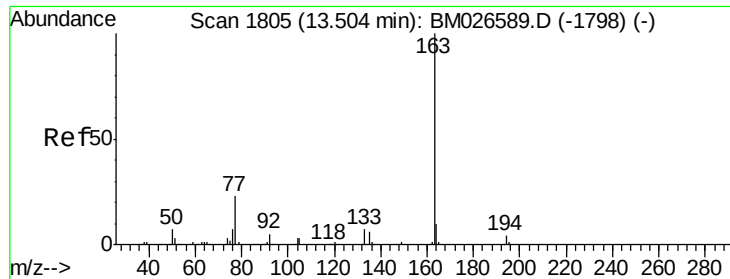
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#34
2-Methylnaphthalene
Concen: 1.137 ng/ul
RT: 11.80 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.1	108.1





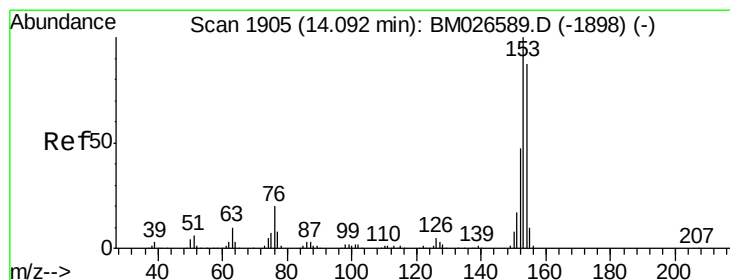
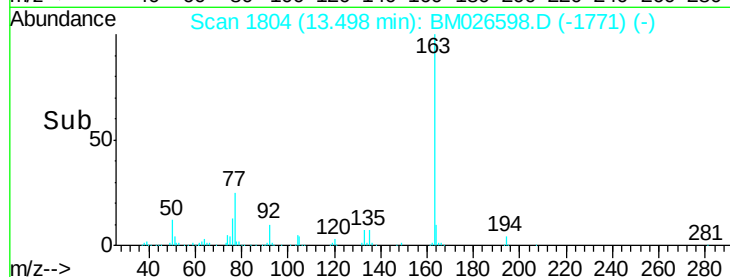
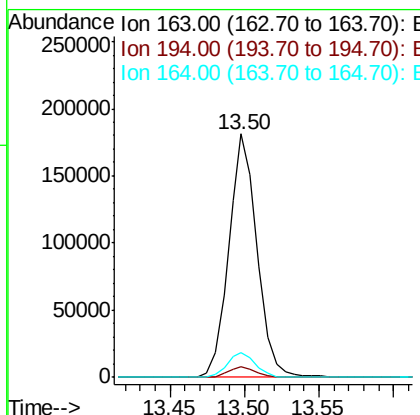
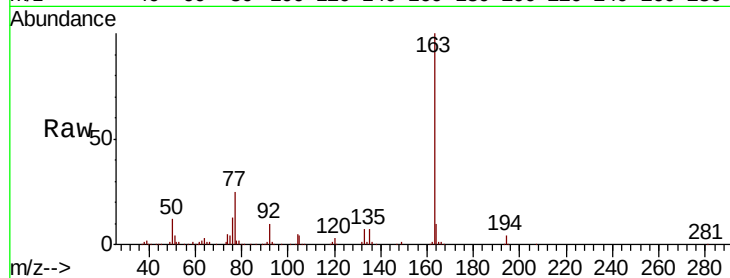
#45
Dimethylphthalate
Concen: 12.889 ng/ul
RT: 13.50 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Instrument :
BNA_M
ClientSampled :
ET160

Tot Ion:	163	Resp:	239951
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.0	7.8	11.6

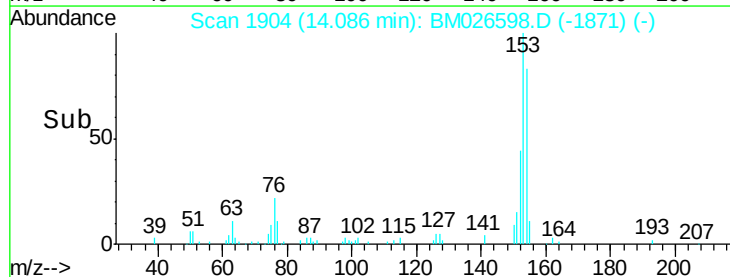
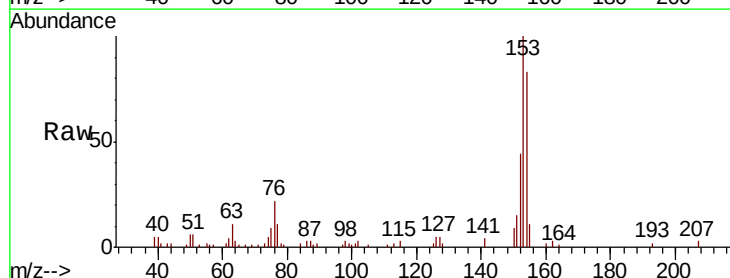
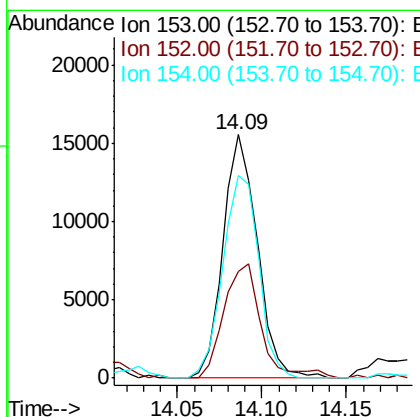
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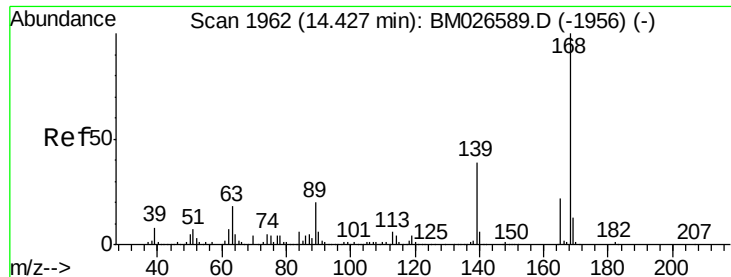
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#50
Acenaphthene
Concen: 1.389 ng/ul
RT: 14.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Tgt Ion:	153	Resp:	21962
Ion Ratio	Lower	Upper	
153	100		
152	44.0	36.4	54.6
154	83.5	71.0	106.4





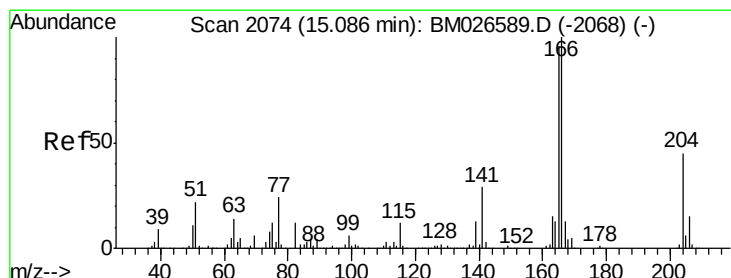
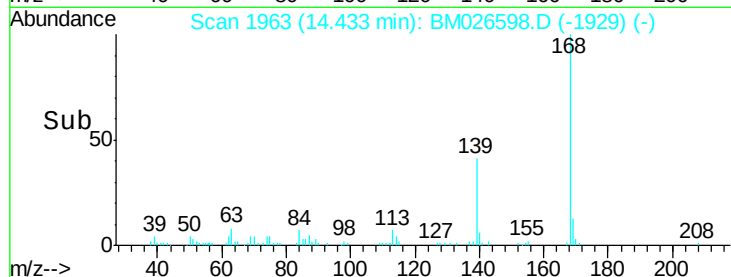
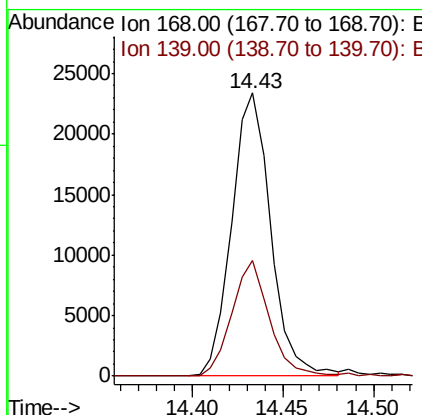
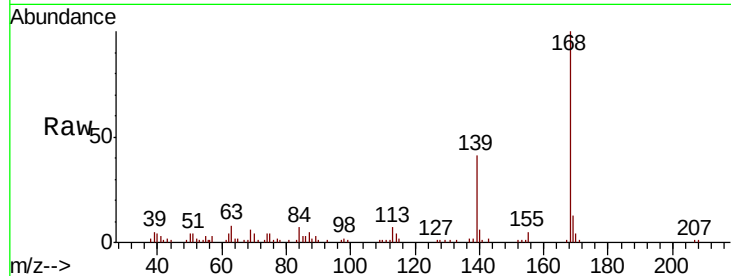
#54
Dibenzenofuran
Concen: 1.575 ng/ul
RT: 14.43 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Instrument :
BNA_M
ClientSampled :
ET160

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.1	46.7

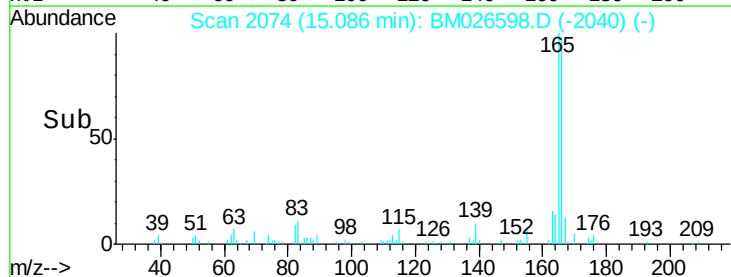
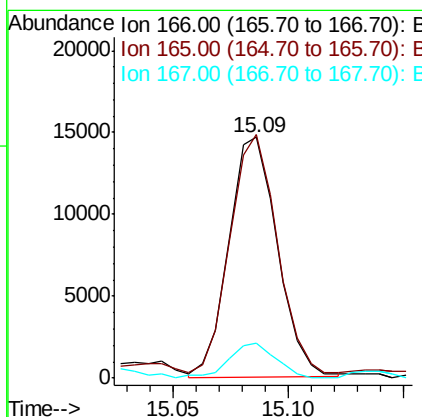
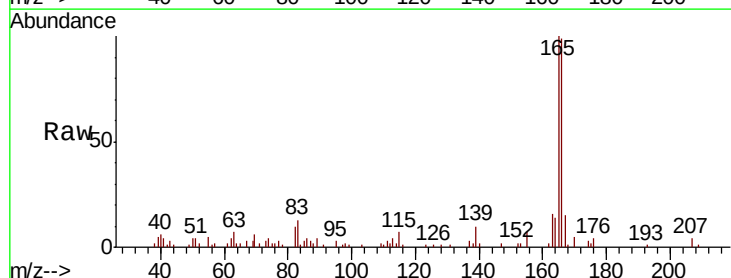
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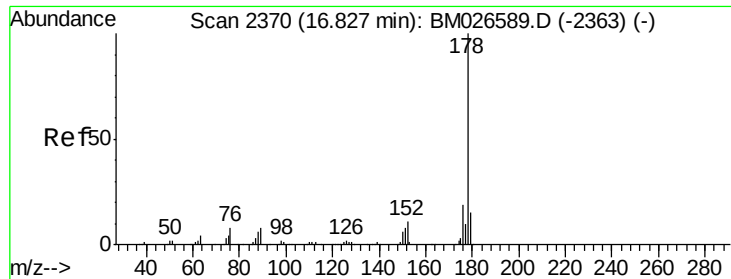
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#59
Fluorene
Concen: 1.171 ng/ul
RT: 15.09 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	77.0	115.4
167	14.7	10.6	16.0





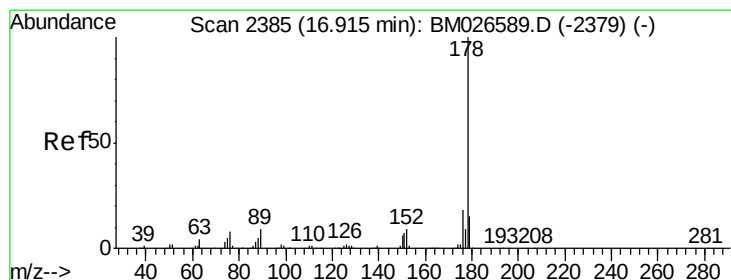
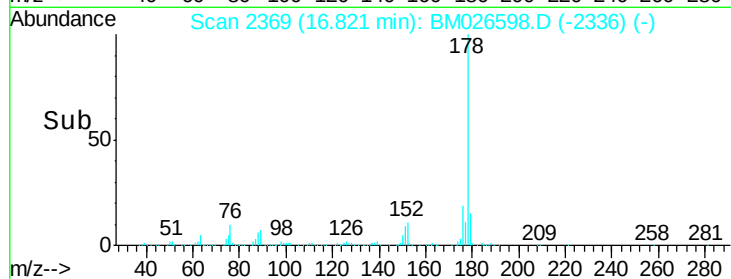
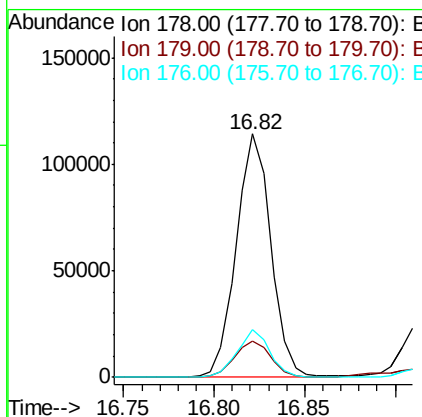
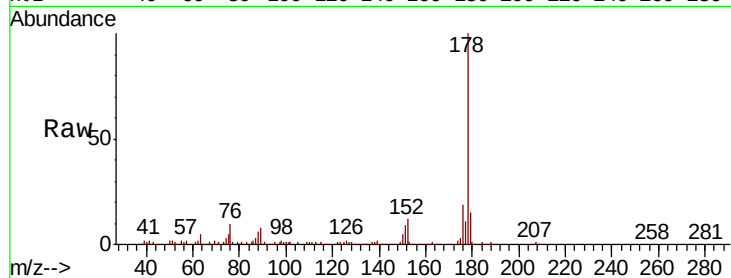
#70
Phenanthrene
Concen: 4.799 ng/ul
RT: 16.82 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Instrument :
BNA_M
ClientSampleId :
ET160

Tot Ion:178	Resp:	150711
Ion Ratio	Lower	Upper
178	100	
179	14.9	12.4 18.6
176	19.4	15.0 22.4

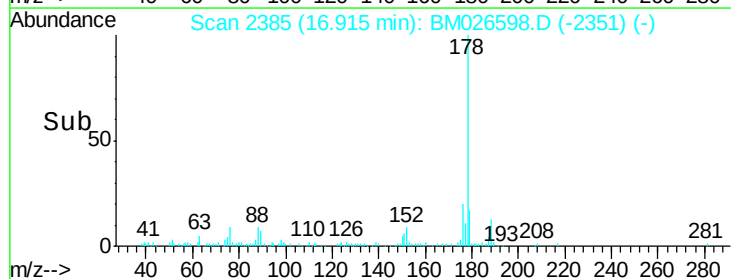
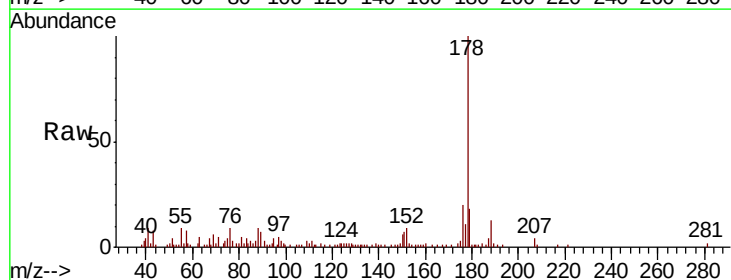
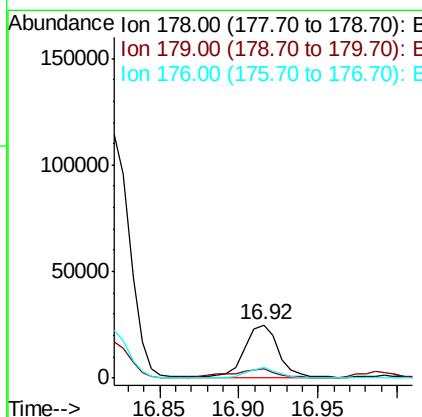
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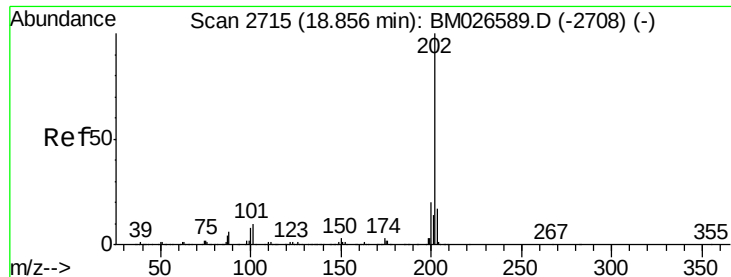
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#72
Anthracene
Concen: 1.137 ng/ul
RT: 16.92 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Tgt Ion:178	Resp:	36610
Ion Ratio	Lower	Upper
178	100	
179	17.6	12.2 18.4
176	19.6	14.3 21.5





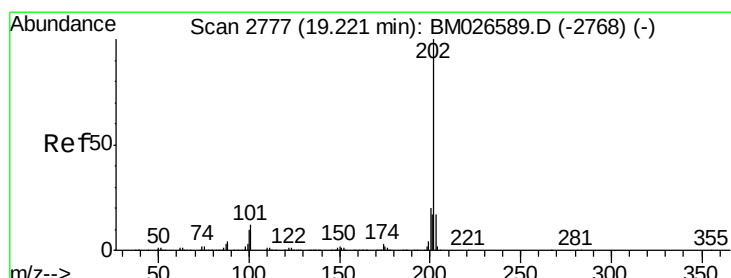
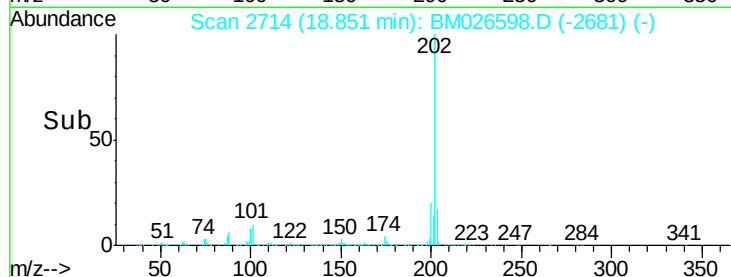
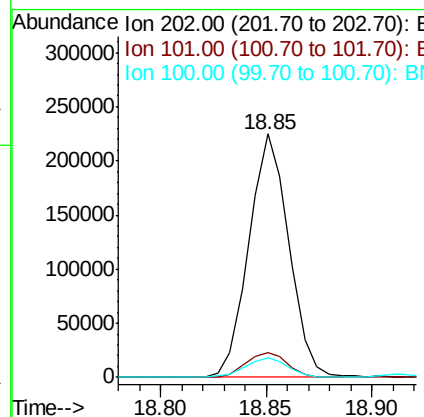
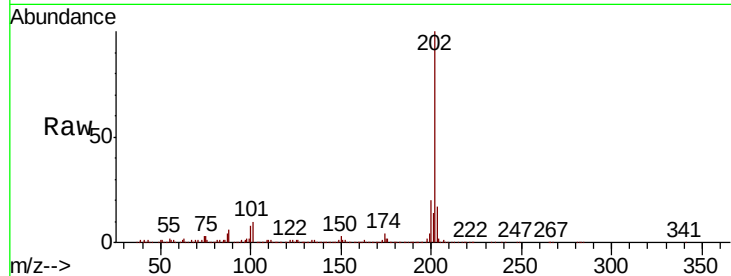
#77
Fluoranthene
Concen: 8.592 ng/ul
RT: 18.85 min Scan# 2714
Delta R.T. -0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Instrument :
BNA_M
ClientSampleId :
ET160

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		294778		
101	10.2	8.6	12.8		
100	8.2	6.8	10.2		

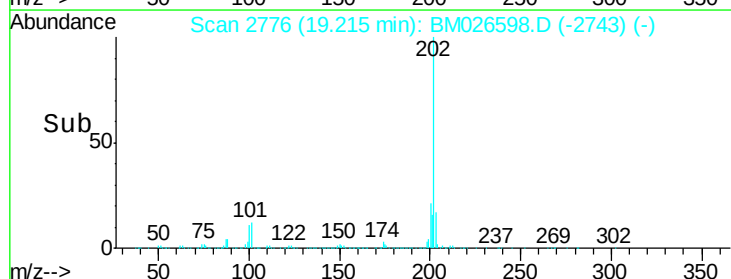
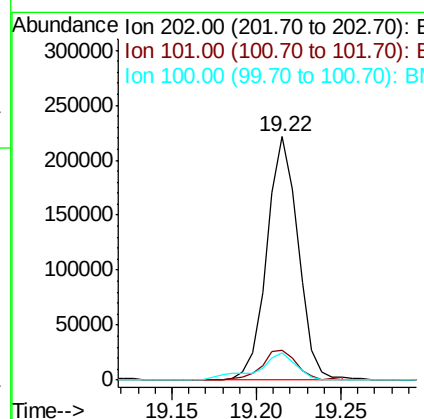
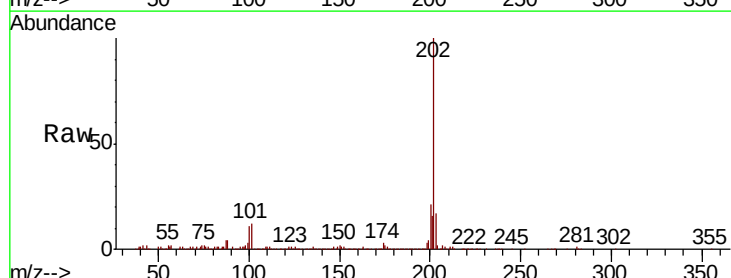
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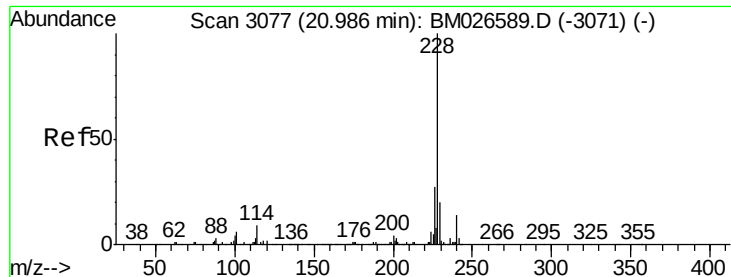
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#80
Pyrene
Concen: 6.172 ng/ul
RT: 19.22 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		283332		
101	12.1	10.9	16.3		
100	11.0	9.0	13.6		





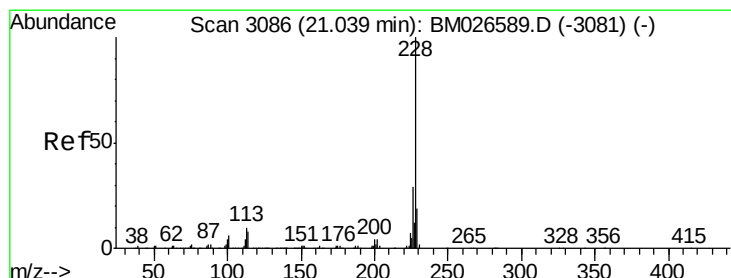
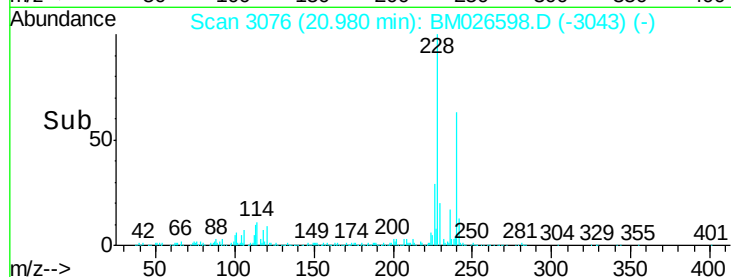
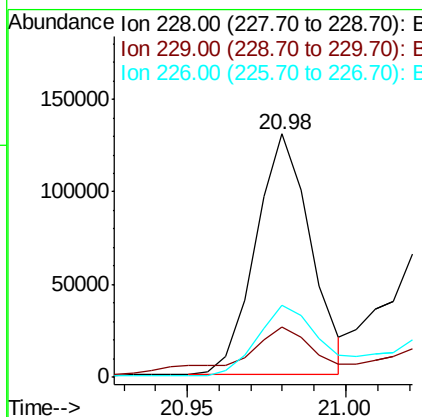
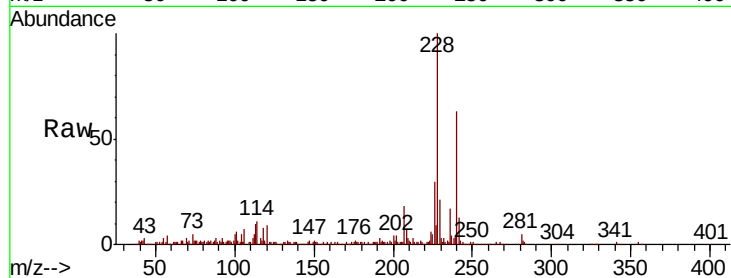
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Benzo(a)anthracene
Concen: 3.518 ng/ul
RT: 20.98 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Instrument :
BNA_M
ClientSampleId :
ET160

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.2
226	29.5	21.0	31.4

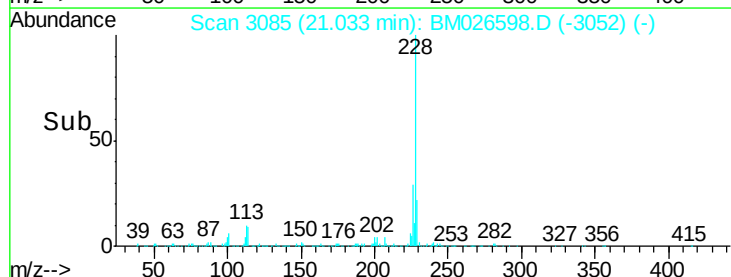
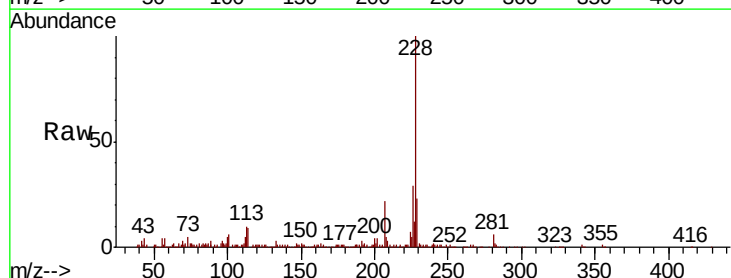
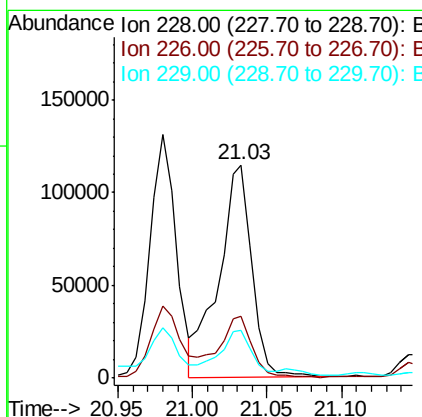
Manual Integrations
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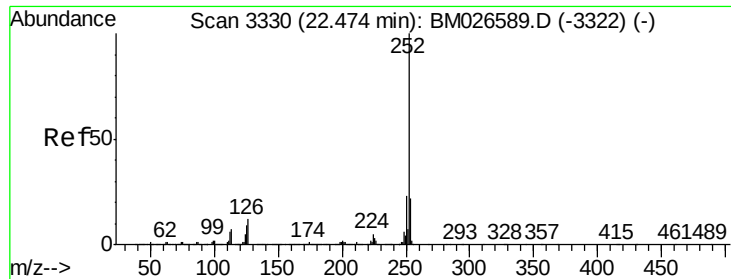
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#85
Chrysene
Concen: 4.145 ng/ul
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.7	35.5
229	22.6	15.5	23.3





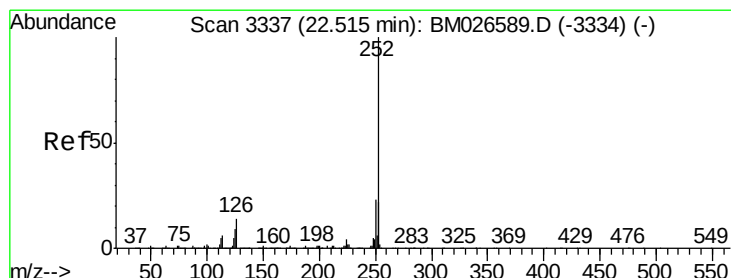
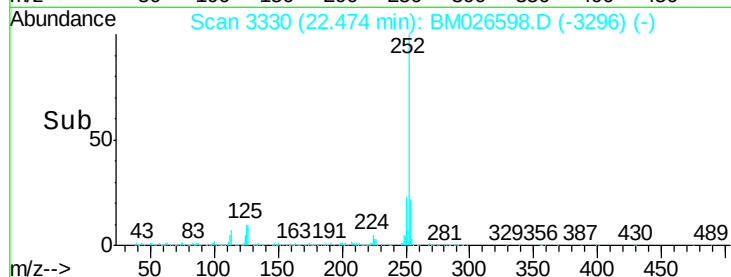
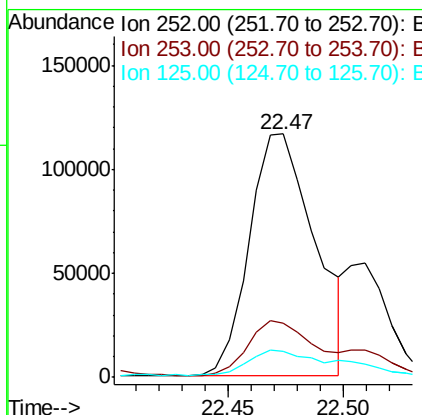
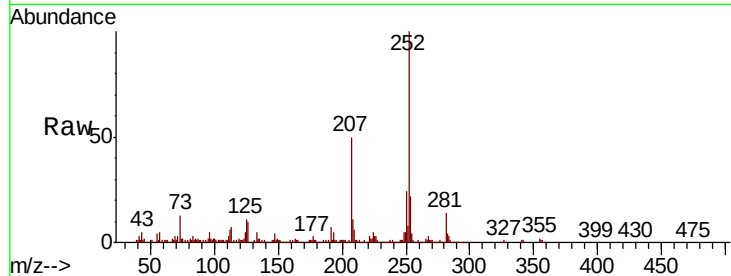
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Benzo(b)fluoranthene
Concen: 5.453 ng/uL
RT: 22.47 min Scan# 3330
Delta R.T. -0.00 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Instrument :
BNA_M
ClientSampleId :
ET160

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.7	7.4	11.2

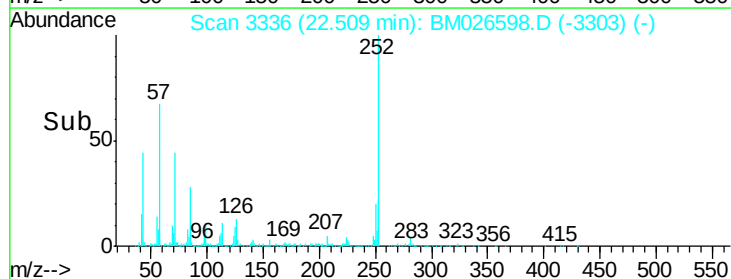
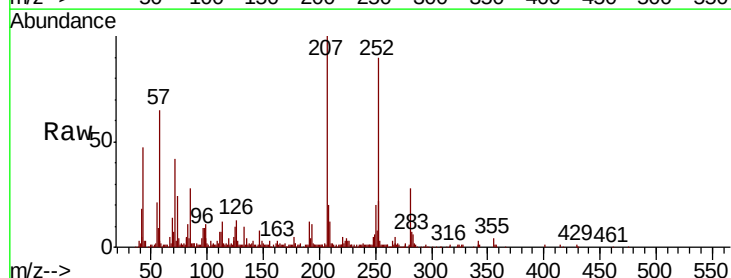
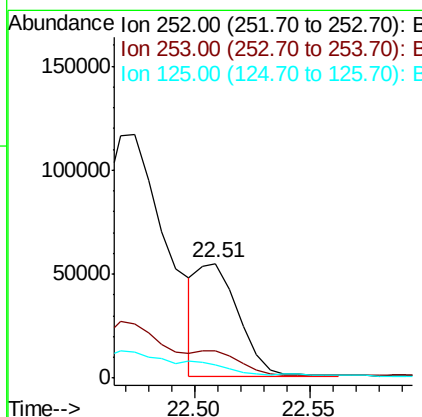
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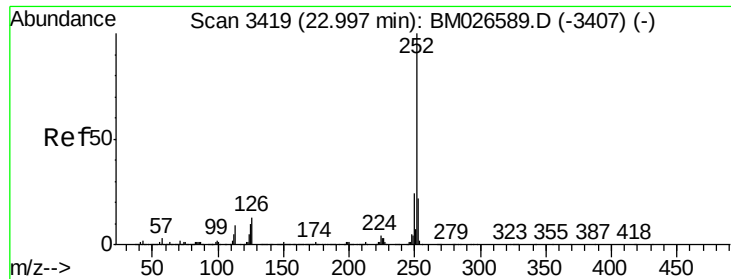
mohammad
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#89
Benzo(k)fluoranthene
Concen: 1.650 ng/uL
RT: 22.51 min Scan# 3336
Delta R.T. -0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	11.6	8.2	12.2





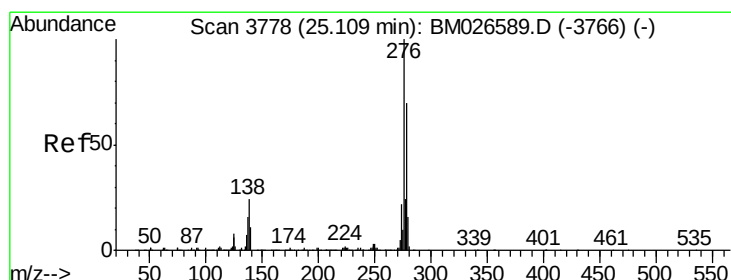
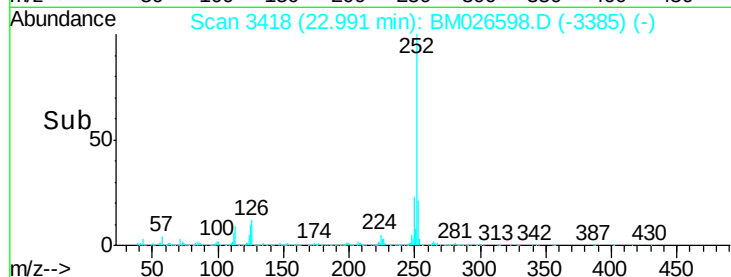
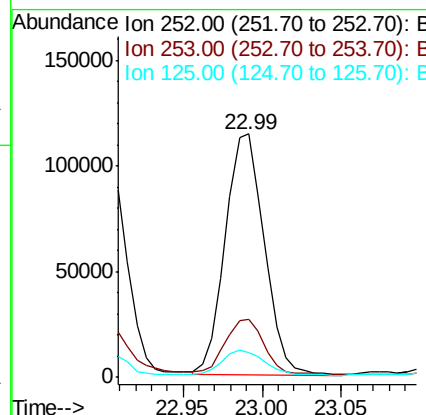
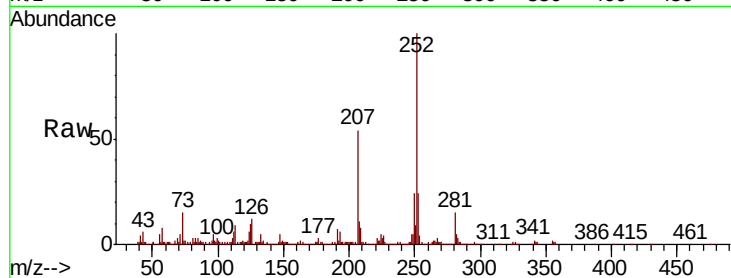
#91
Benzo(a)pyrene
Concen: 5.267 ng/ul
RT: 22.99 min Scan# 3418
Delta R.T. -0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Instrument :
BNA_M
ClientSampleId :
ET160

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	10.4	8.7	13.1

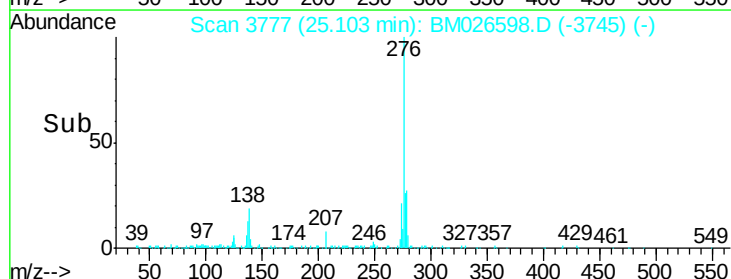
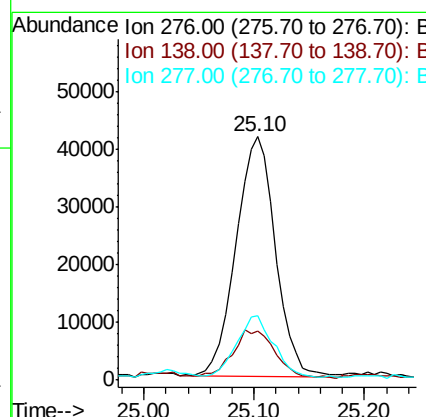
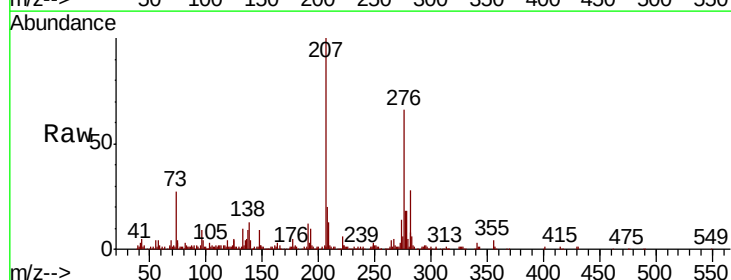
Manual Integrations
APPROVED

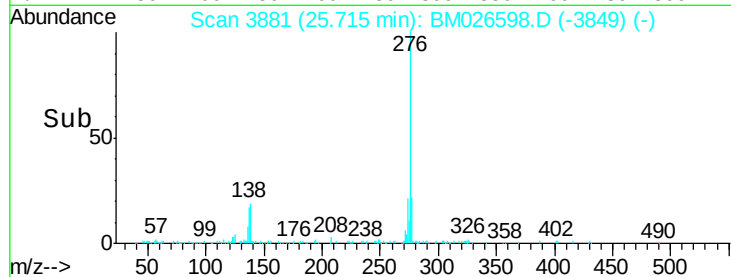
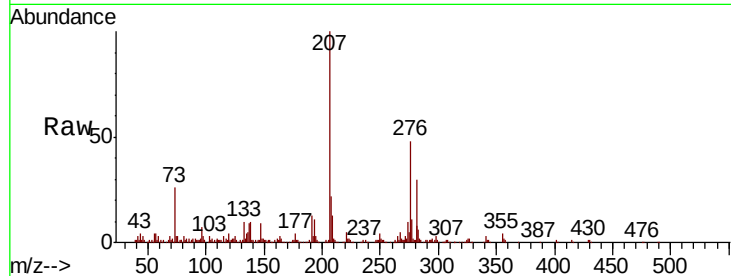
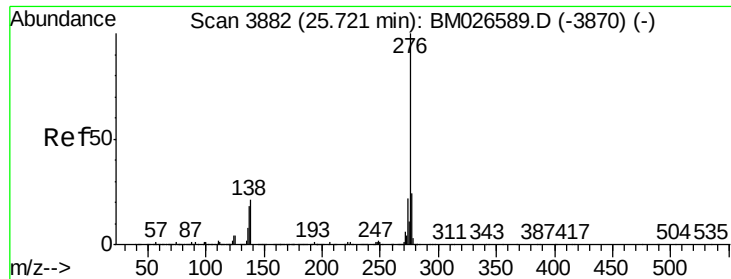
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.141 ng/ul
RT: 25.10 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BM026598.D
Acq: 26 Jun 2020 20:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.3	27.5
277	26.6	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 2.028 ng/ul

RT: 25.71 min Scan# 3881

Delta R.T. -0.01 min

Lab File: BM026598.D

Acq: 26 Jun 2020 20:41

Instrument :

BNA_M

ClientSampleId :

ET160

Tot Ion:	276	Resp:	82345
Ion Ratio	Lower	Upper	
276	100		
138	20.6	15.8	23.8
277	23.2	19.8	29.8

Manual Integrations
APPROVED

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