

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
 Data File : BM062576.D
 Acq On : 26 Jun 2020 02:17
 Operator : JU/CG
 Sample : L3062-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET136

Manual Integrations
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Quant Time: Jun 26 09:38:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 26 00:37:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	122049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	512789	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	325331	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	694255	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	640378	20.00	ng/ul	0.01
86) Perylene-d12	23.12	264	601216	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	9583m	2.75	ng/uL	0.00
5) Phenol-d5	6.58	99	172496	15.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	126075	17.73	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	141630	15.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	133699	15.11	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	59232	13.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	53229	10.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	140378	15.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	116101	12.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	472928	17.29	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	508635	15.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	31060	6.85	ng/ul	0.01
58) Fluorene-d10	15.03	176	377976	16.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	16317	3.59	ng/ul	0.00
71) Anthracene-d10	16.89	188	536709	15.19	ng/ul	0.00
79) Pyrene-d10	19.20	212	581509	16.56	ng/ul	0.01
90) Benzo(a)pyrene-d12	22.98	264	478640m	14.40	ng/ul	0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.17	128	114613	3.676	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	25514	1.164	ng/ul	99
45) Dimethylphthalate	13.50	163	575050	20.243	ng/ul	100
48) Acenaphthylene	13.75	152	86213	2.466	ng/ul	93
50) Acenaphthene	14.09	153	48500	2.011	ng/ul	96
54) Dibenzofuran	14.43	168	43912	1.290	ng/ul	91
59) Fluorene	15.09	166	43158	1.536	ng/ul#	90
70) Phenanthrene	16.83	178	185517	4.261	ng/ul#	92
72) Anthracene	16.92	178	89539	2.006	ng/ul#	83
77) Fluoranthene	18.86	202	755911	15.890	ng/ul	97
80) Pyrene	19.23	202	864110	18.354	ng/ul	98
83) Benzo(a)anthracene	21.00	228	268658	5.889	ng/ul#	71
85) Chrysene	21.05	228	368698m	8.326	ng/ul	
88) Benzo(b)fluoranthene	22.50	252	527991	12.806	ng/ul#	48
89) Benzo(k)fluoranthene	22.53	252	136768m	3.449	ng/ul	
91) Benzo(a)pyrene	23.02	252	304623	8.387	ng/ul#	52
92) Indeno(1,2,3-cd)pyrene	25.15	276	267015	5.609	ng/ul	92
93) Dibenzo(a,h)anthracene	25.15	278	55840	1.406	ng/ul#	1
94) Benzo(g,h,i)perylene	25.77	276	136254	3.426	ng/ul#	76

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

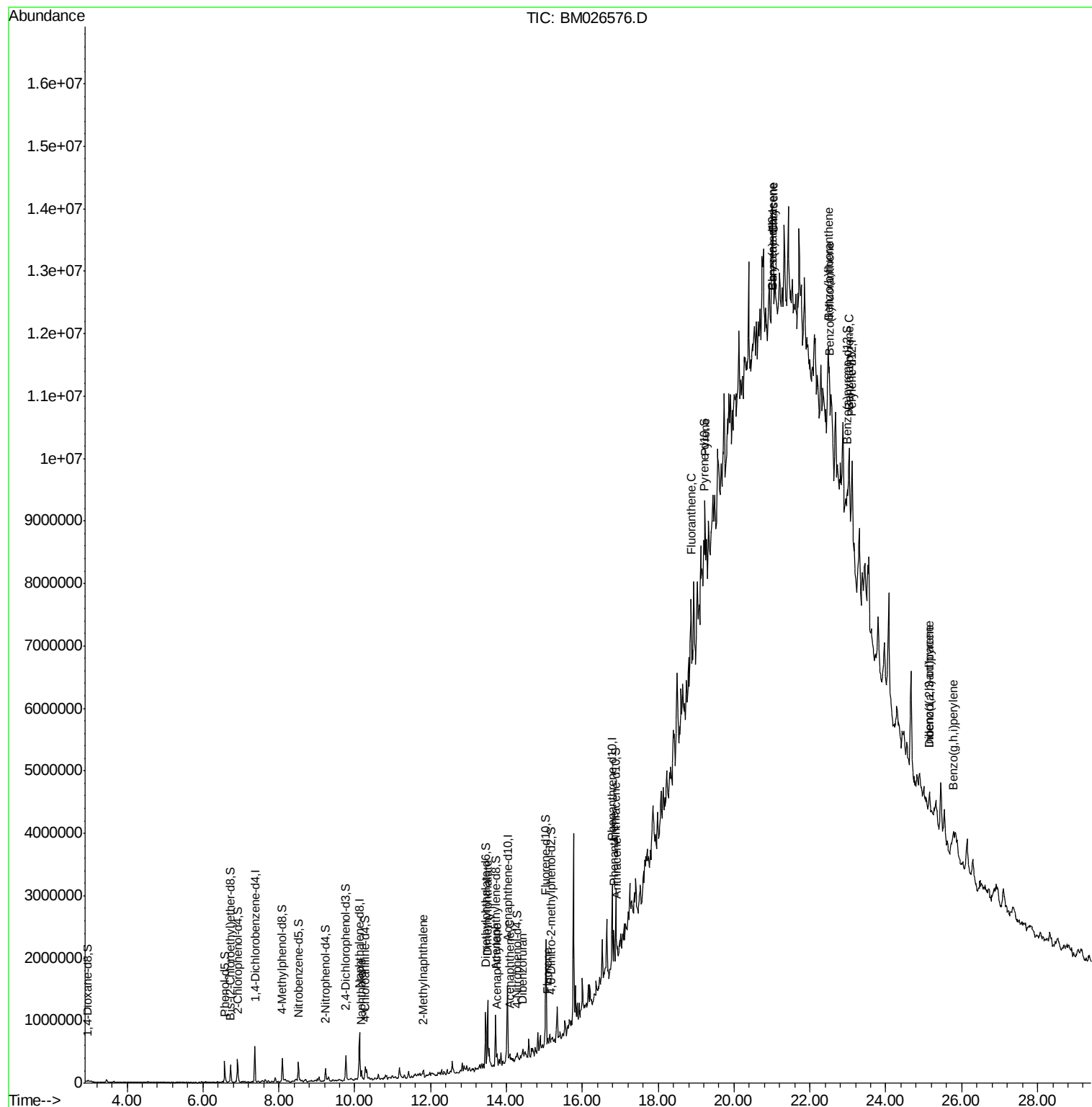
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026576.D
Acq On : 26 Jun 2020 02:17
Operator : JU/CG
Sample : L3062-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

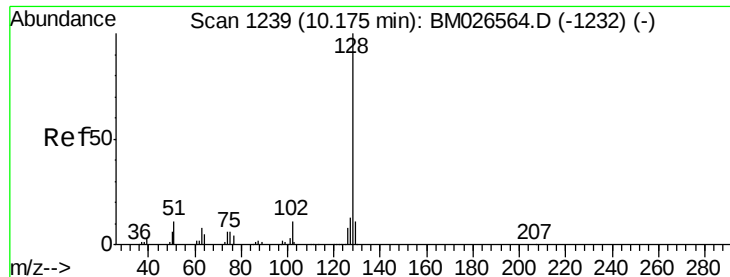
Instrument :
BNA_M
ClientSampleId :
ET136

Quant Time: Jun 26 09:38:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 26 00:37:06 2020
Response via : Initial Calibration

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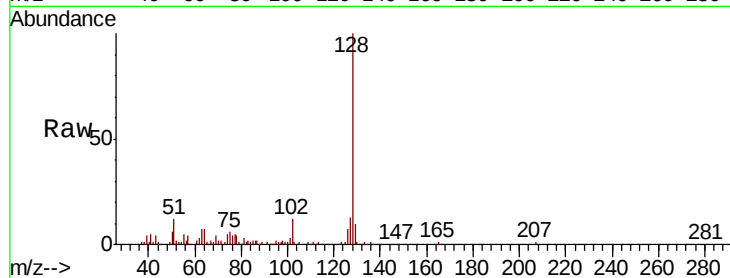
#28
Naphthalene
Concen: 3.676 ng/ul
RT: 10.17 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Instrument :
BNA_M
ClientSampleId :
ET136

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	12.7	10.1	15.1

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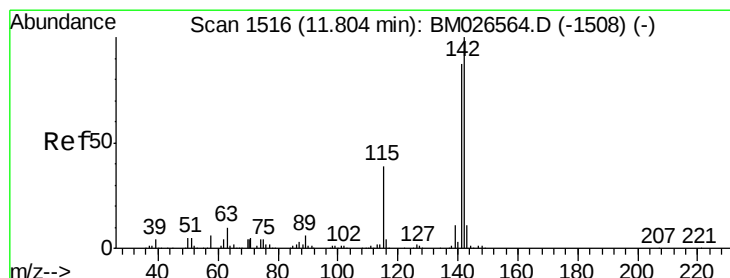
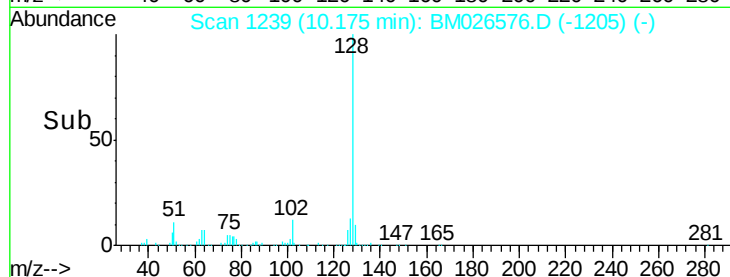
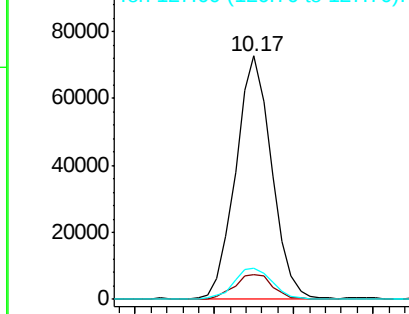


Abundance

Ion 128.00 (127.70 to 128.70): E

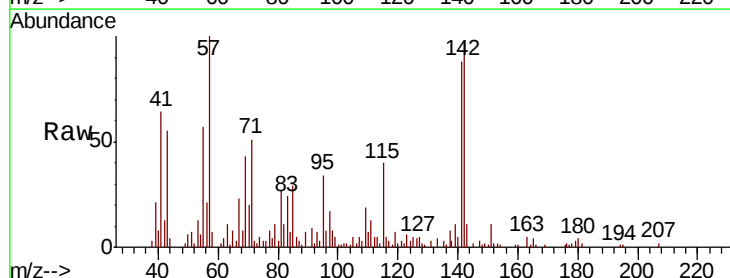
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34
2-Methylnaphthalene
Concen: 1.164 ng/ul
RT: 11.80 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

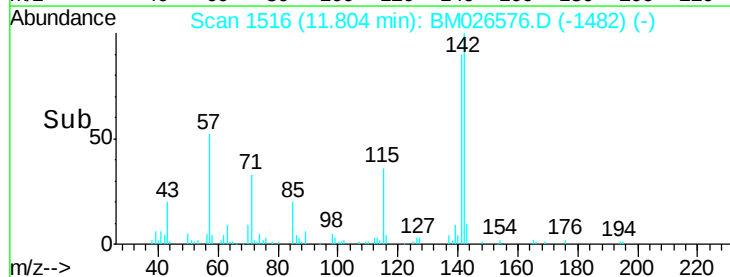
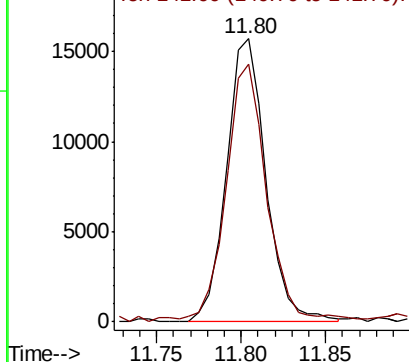
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.1	108.1

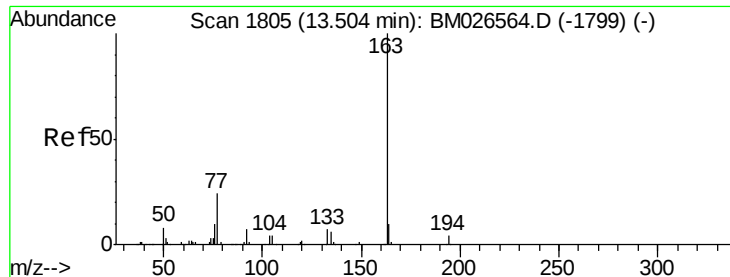


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





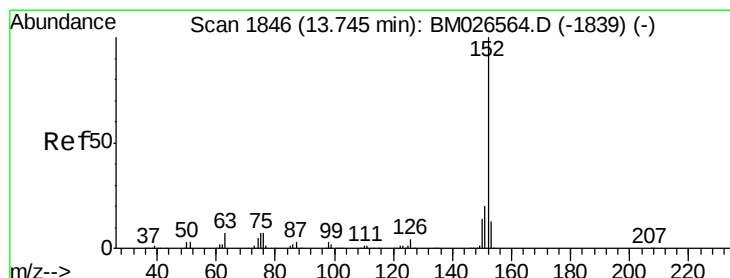
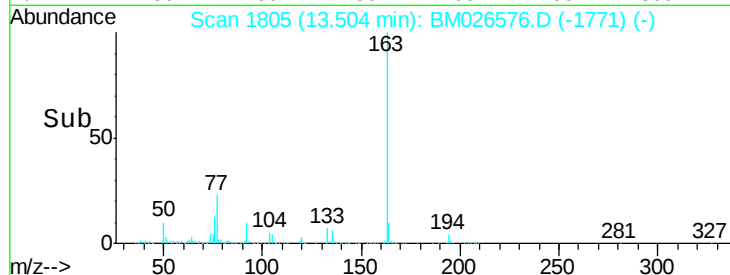
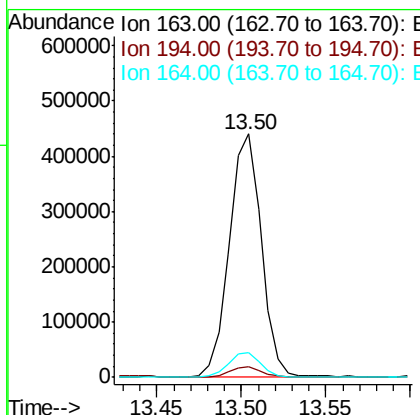
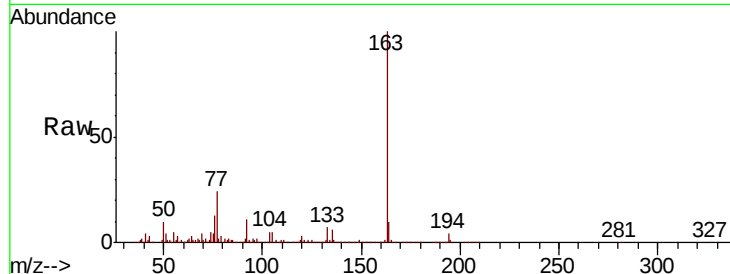
#45
Dimethylphthalate
Concen: 20.243 ng/ul
RT: 13.50 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Instrument :
BNA_M
ClientSampled :
ET136

Tot Ion	Ratio	Resp	Lower	Upper
163	100	575050		
194	4.3		3.4	5.2
164	9.9		7.8	11.6

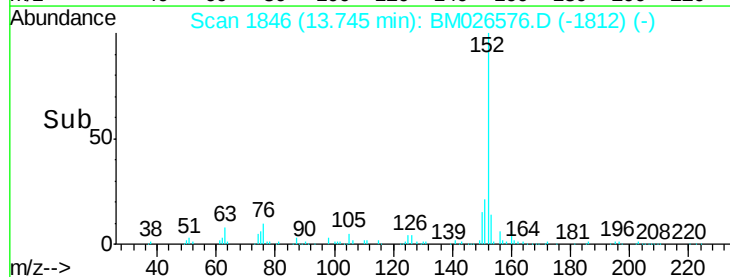
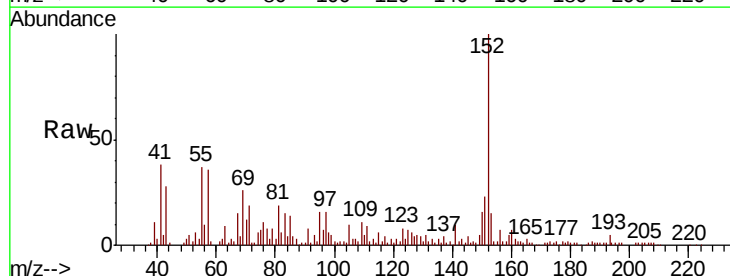
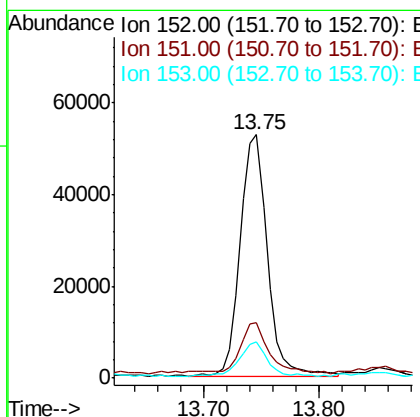
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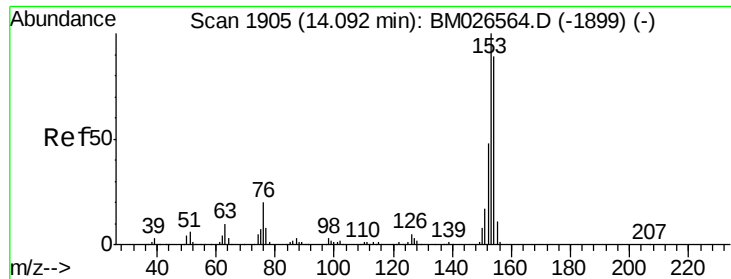
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#48
Acenaphthylene
Concen: 2.466 ng/ul
RT: 13.75 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	86213		
151	22.9		15.4	23.2
153	14.8		10.4	15.6





#50

Acenaphthene

Concen: 2.011 ng/ul

RT: 14.09 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM026576.D

Acq: 26 Jun 2020 02:17

Instrument :

BNA_M

ClientSampleId :

ET136

Tot Ion:153 Resp: 48500

Ion Ratio Lower Upper

153 100

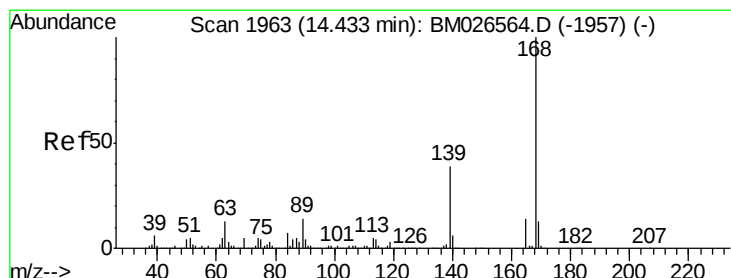
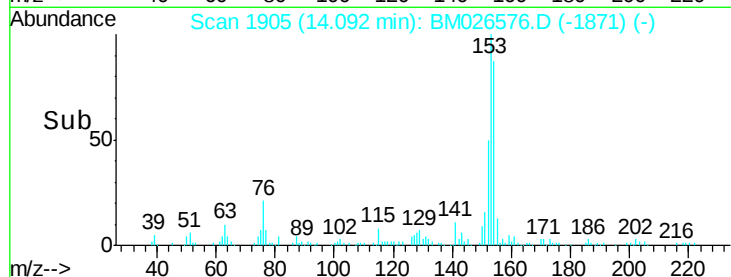
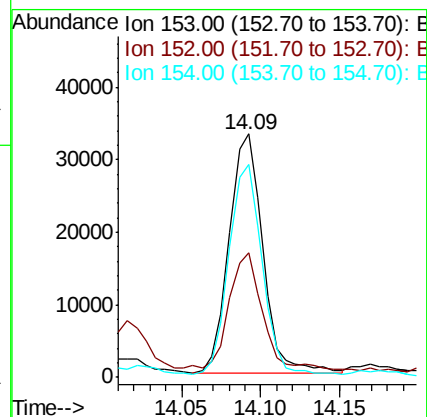
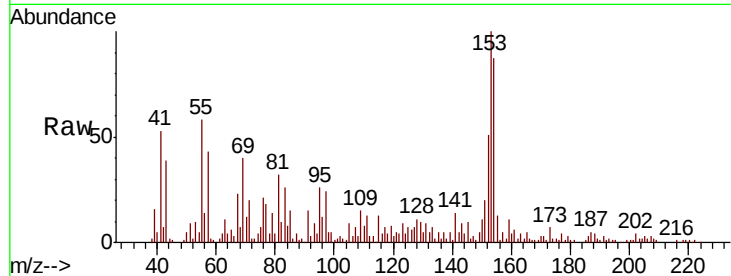
152 51.2 36.4 54.6

154 87.5 71.0 106.4

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#54

Dibenzofuran

Concen: 1.290 ng/ul

RT: 14.43 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BM026576.D

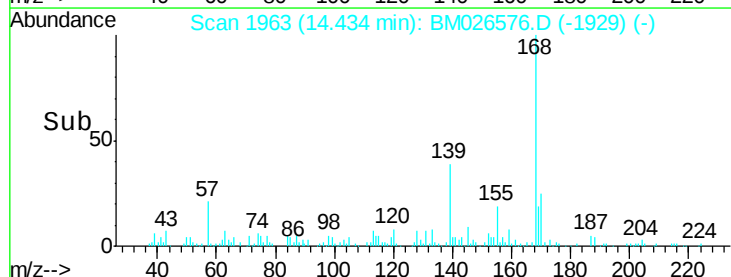
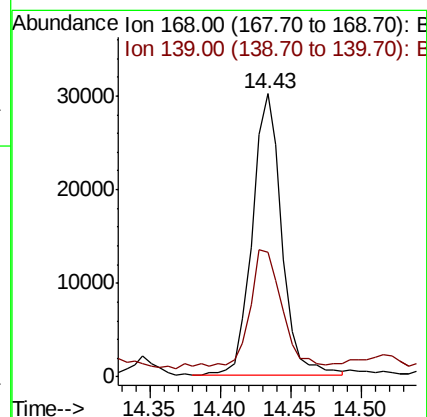
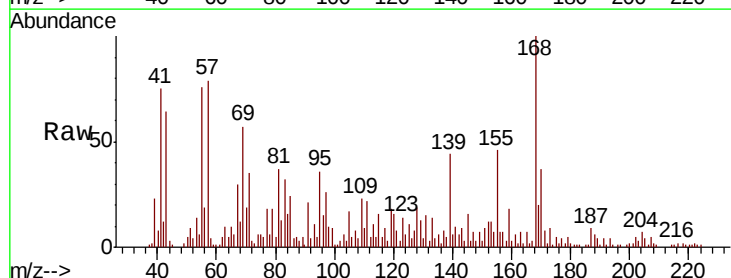
Acq: 26 Jun 2020 02:17

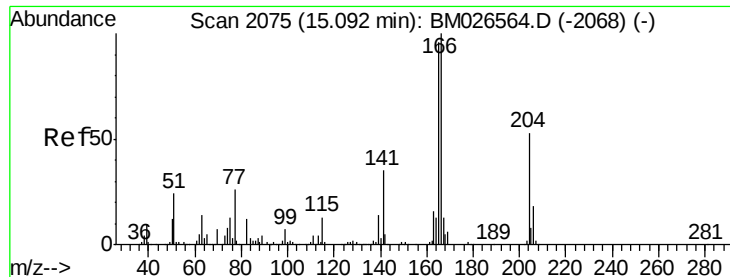
Tgt Ion:168 Resp: 43912

Ion Ratio Lower Upper

168 100

139 44.1 31.1 46.7





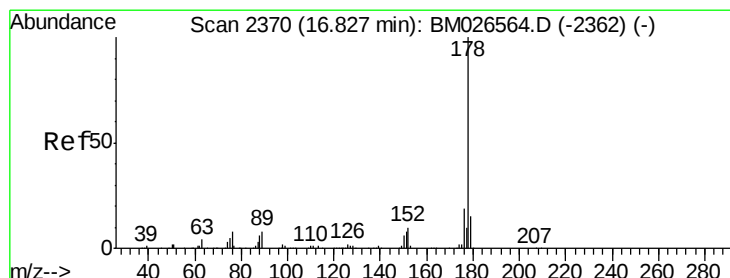
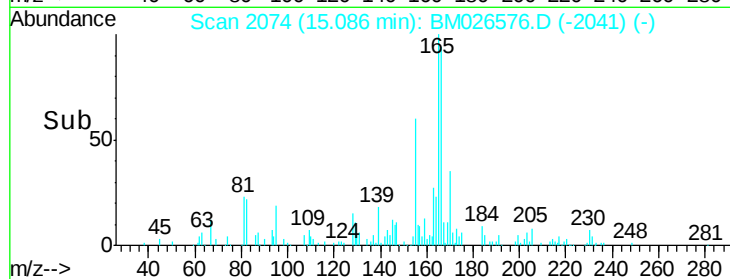
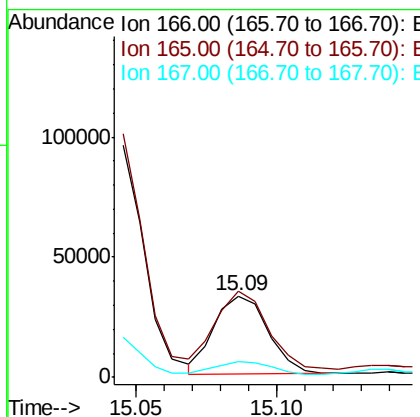
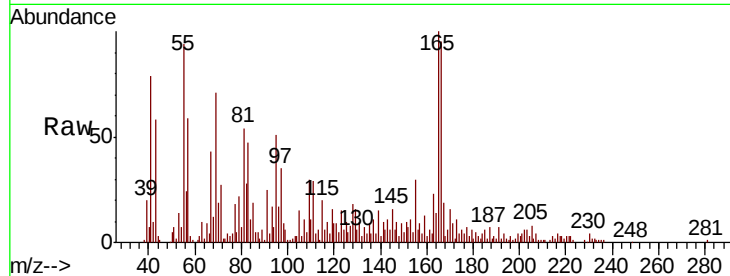
#59
Fluorene
Concen: 1.536 ng/ul
RT: 15.09 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Instrument :
BNA_M
ClientSampled :
ET136

Tot Ion	Ratio	Lower	Upper
166	100		
165	105.4	77.0	115.4
167	19.6	10.6	16.0

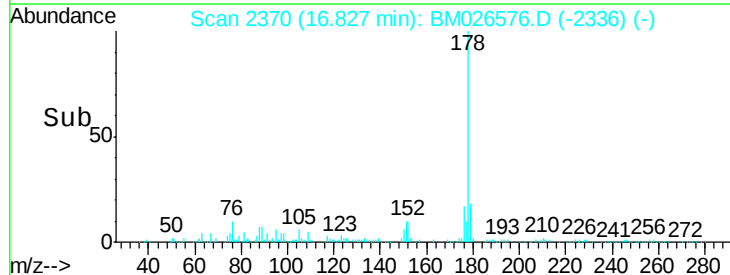
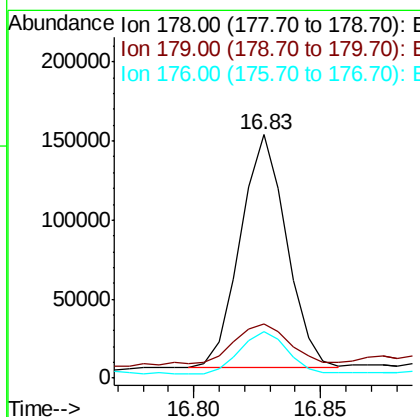
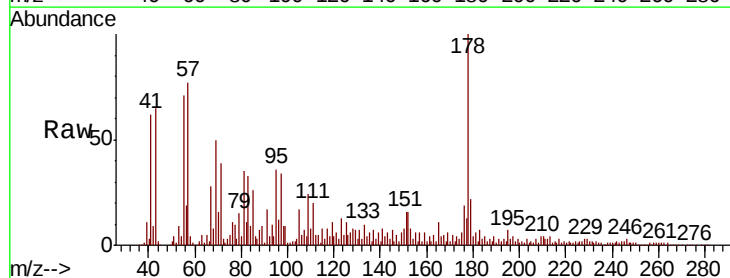
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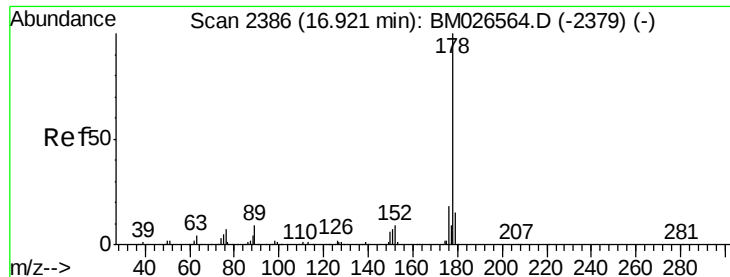
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#70
Phenanthrene
Concen: 4.261 ng/ul
RT: 16.83 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.3	12.4	18.6
176	19.4	15.0	22.4





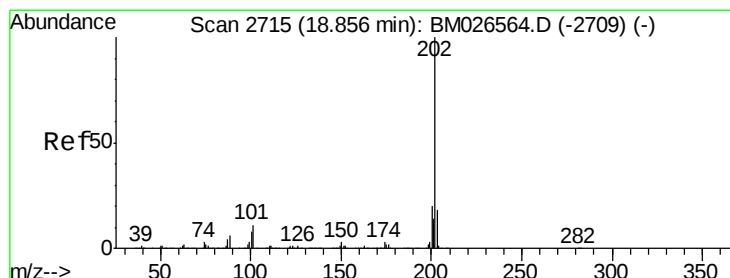
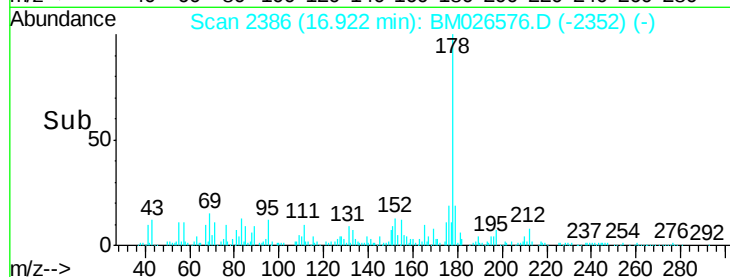
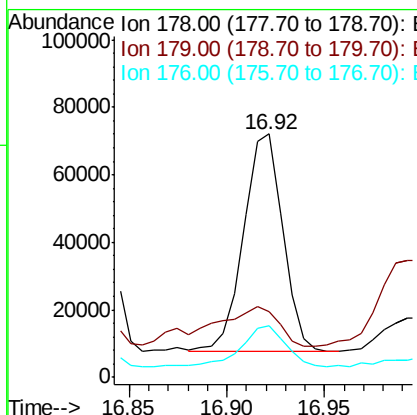
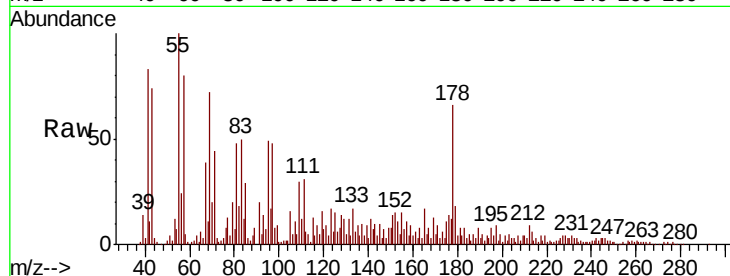
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 Anthracene
 Concen: 2.006 ng/ul
 RT: 16.92 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BM026576.D
 Acq: 26 Jun 2020 02:17

Instrument :
 BNA_M
 ClientSampled :
 ET136

Tot Ion	Ratio	Lower	Upper
178	100		
179	27.2	12.2	18.4#
176	21.1	14.3	21.5

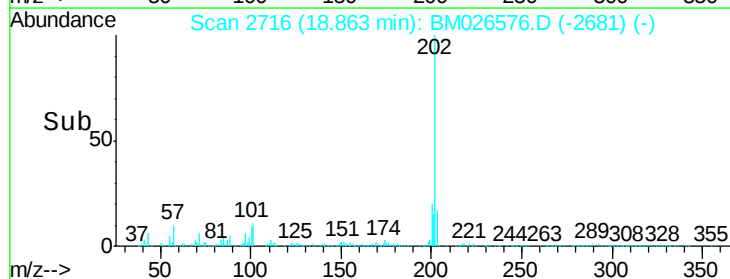
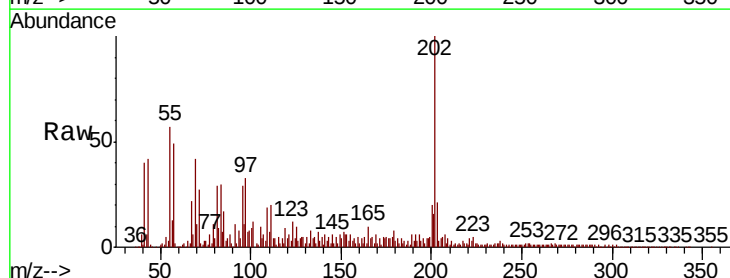
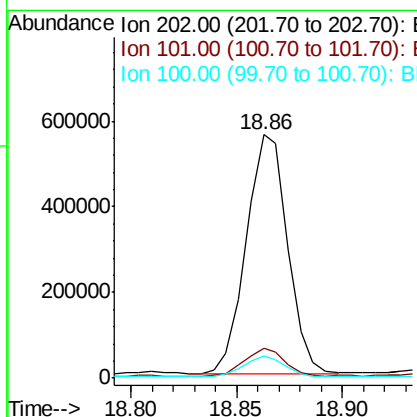
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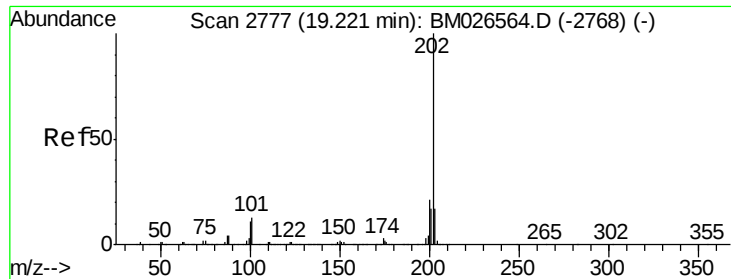
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#77
 Fluoranthene
 Concen: 15.890 ng/ul
 RT: 18.86 min Scan# 2716
 Delta R.T. 0.01 min
 Lab File: BM026576.D
 Acq: 26 Jun 2020 02:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.6	12.8
100	9.2	6.8	10.2





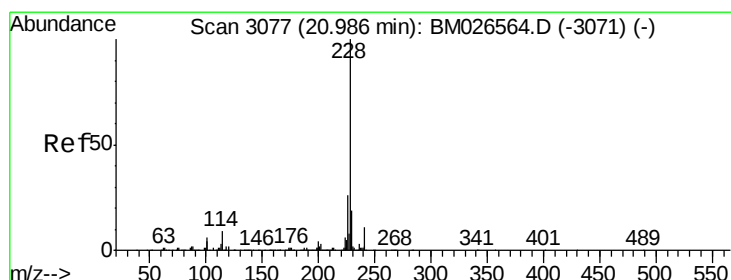
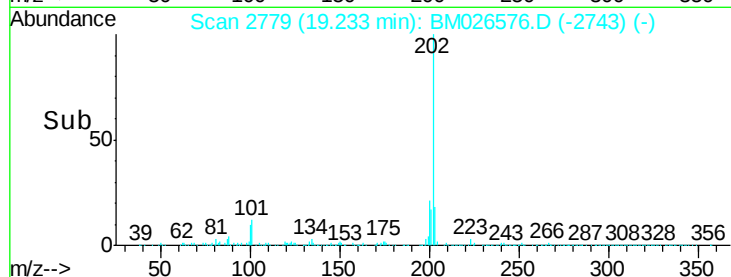
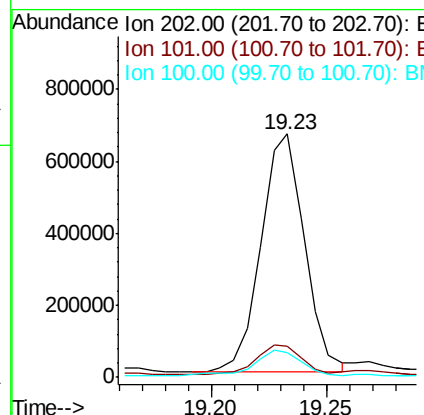
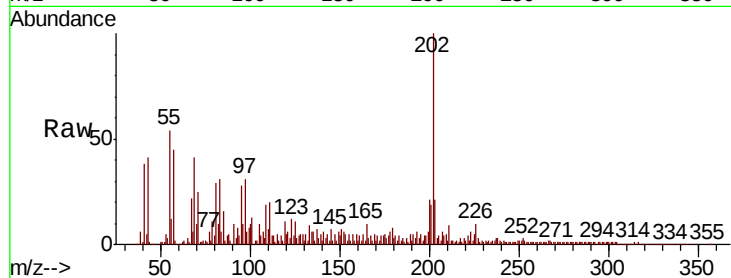
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Pvrene
Concen: 18.354 ng/ul
RT: 19.23 min Scan# 2779
Delta R.T. 0.01 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Instrument :
BNA_M
ClientSampleId :
ET136

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.9	16.3
100	10.2	9.0	13.6

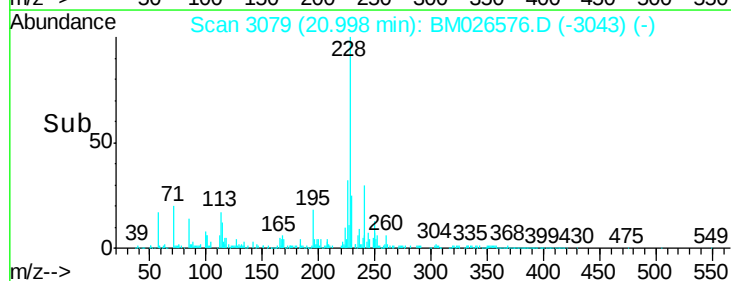
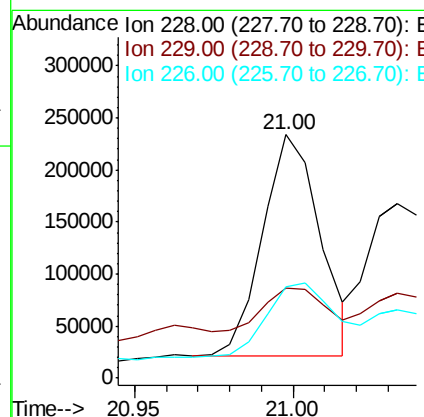
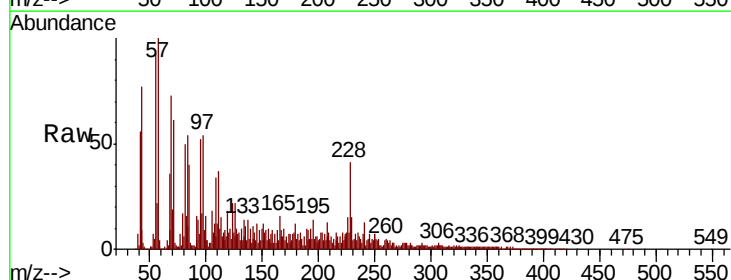
Manual Integrations
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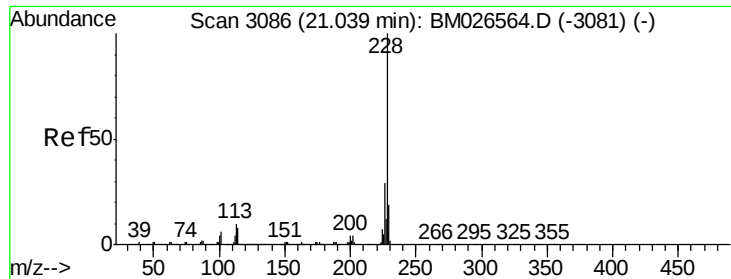
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#83
Benzo(a)anthracene
Concen: 5.889 ng/ul
RT: 21.00 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	37.2	15.4	23.2#
226	37.5	21.0	31.4#





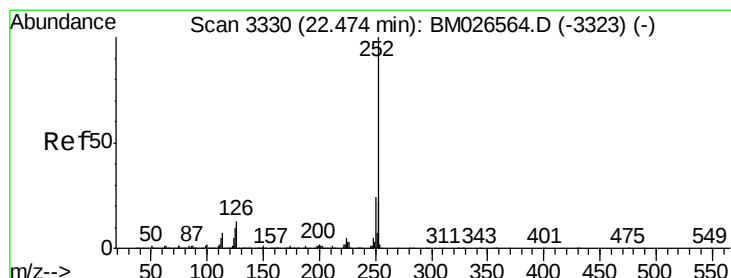
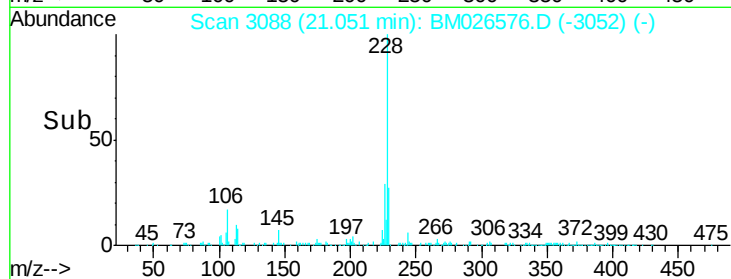
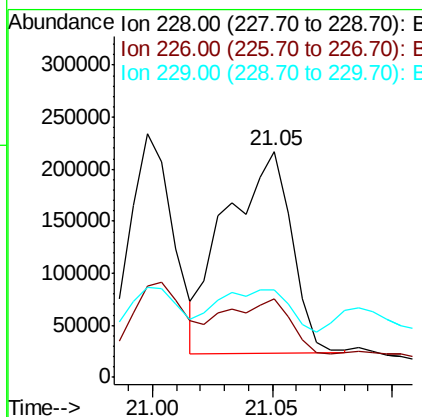
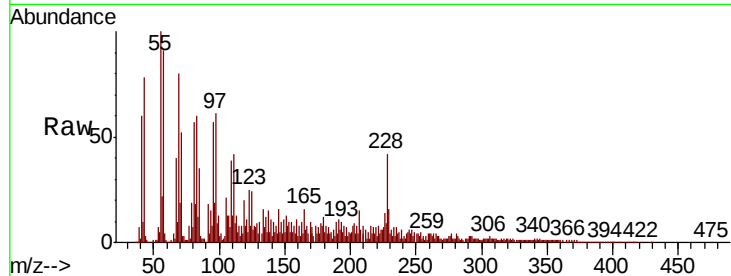
#85
Chrysene
Concen: 8.326 ng/ul m
RT: 21.05 min Scan# 3088
Delta R.T. 0.01 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Instrument :
BNA_M
ClientSampleId :
ET136

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.6	23.7	35.5
229	38.8	15.5	23.3

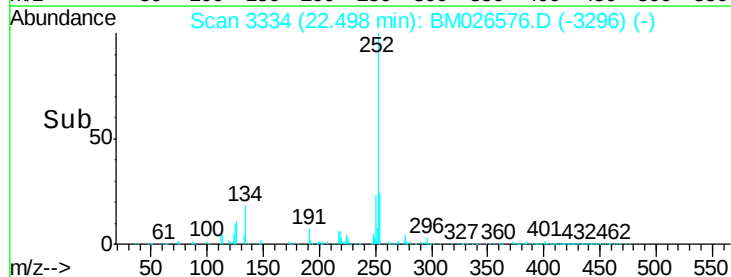
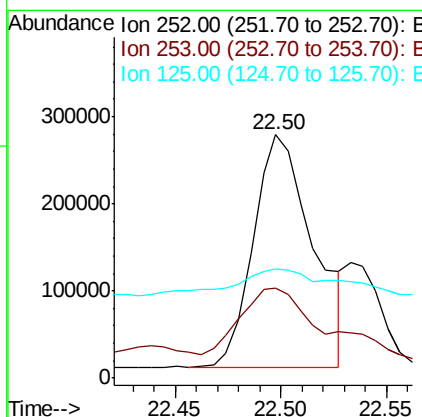
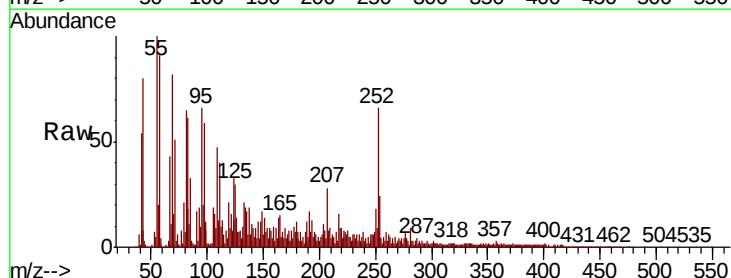
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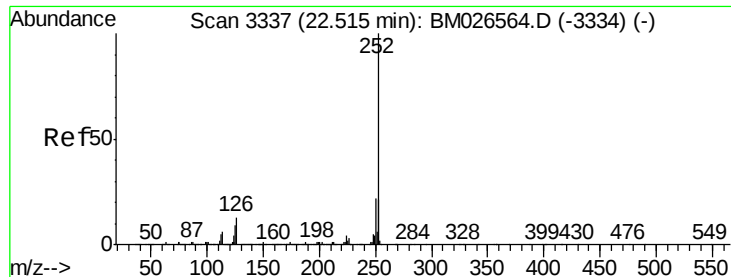
mohammad
6/26/2020 12:21:49 PM



#88
Benzo(b)fluoranthene
Concen: 12.806 ng/ul
RT: 22.50 min Scan# 3334
Delta R.T. 0.02 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.0	17.5	26.3
125	45.1	7.4	11.2





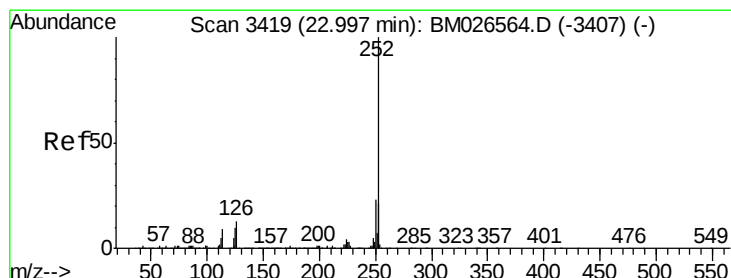
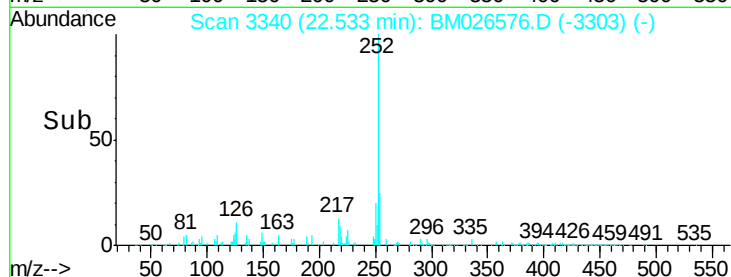
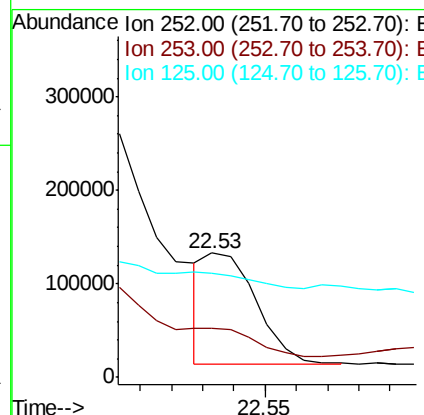
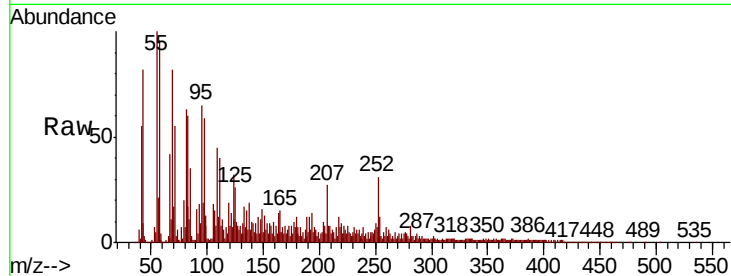
#89
Benzo(k)fluoranthene
Concen: 3.449 ng/ul m
RT: 22.53 min Scan# 3340
Delta R.T. 0.02 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Instrument :
BNA_M
ClientSampled :
ET136

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.4	17.5	26.3#
125	83.5	8.2	12.2#

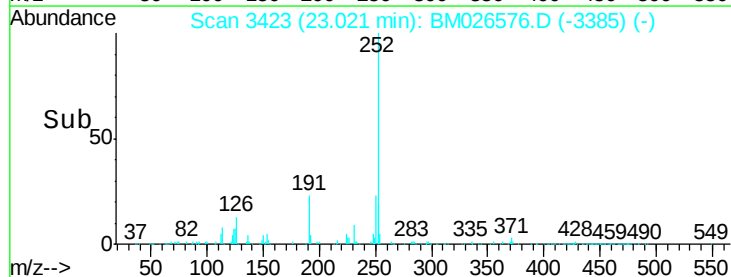
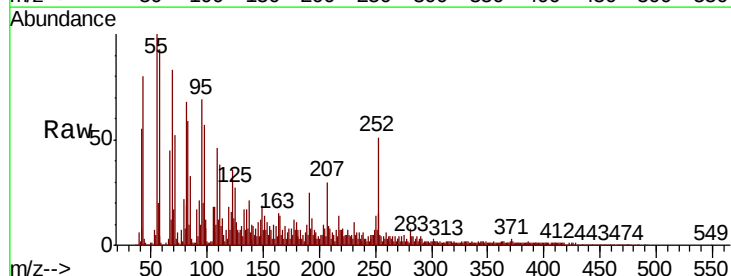
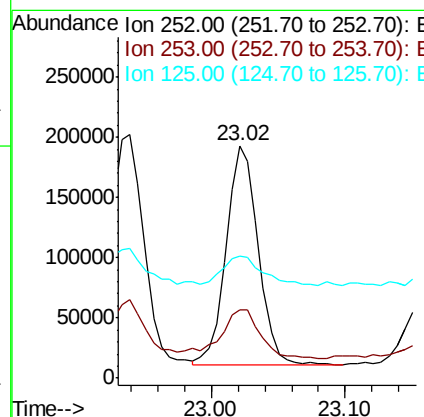
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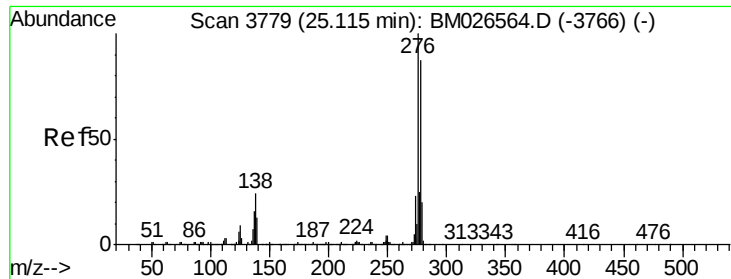
mohammad
6/26/2020 12:21:49 PM



#91
Benzo(a)pyrene
Concen: 8.387 ng/ul
RT: 23.02 min Scan# 3423
Delta R.T. 0.02 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.2	25.8#
125	52.5	8.7	13.1#





#92

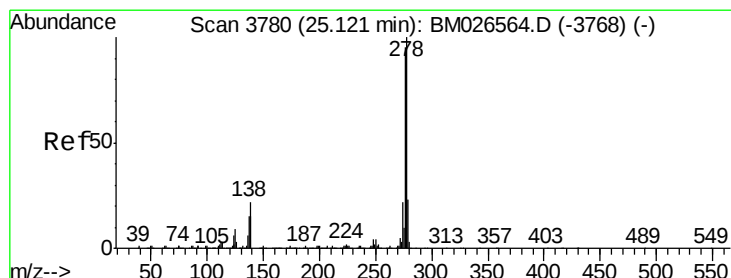
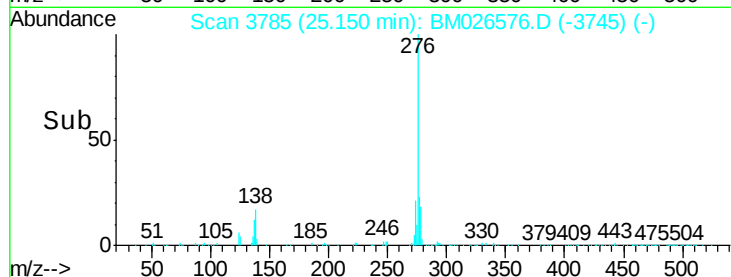
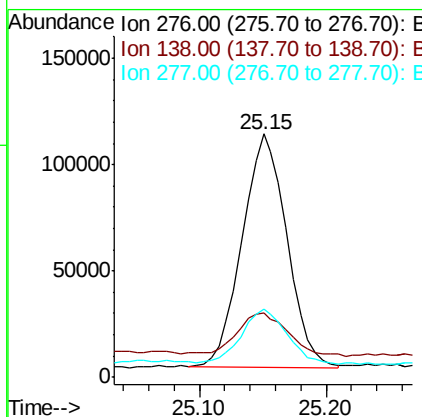
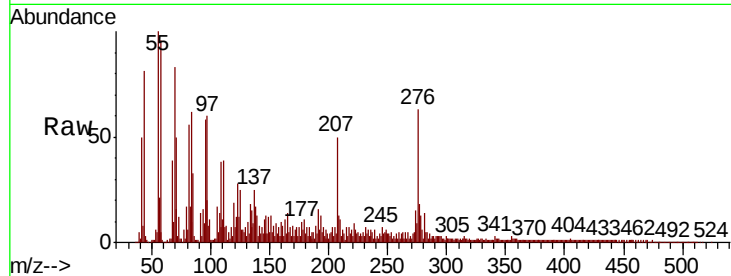
Indeno(1,2,3-cd)pyrene
Concen: 5.609 ng/ul
RT: 25.15 min Scan# 3785
Delta R.T. 0.04 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Instrument :
BNA_M
ClientSampleId :
ET136

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	18.3	27.5
277	28.1	19.3	28.9

Manual Integrations
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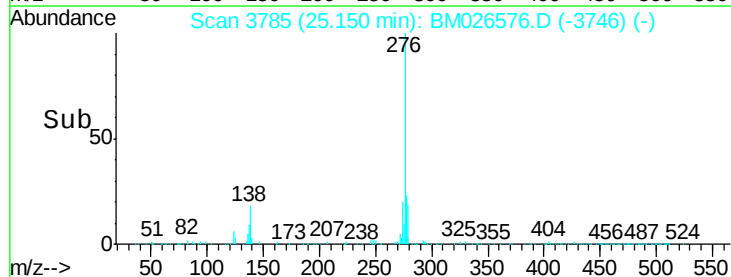
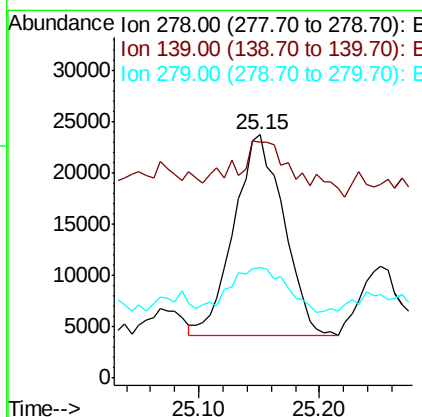
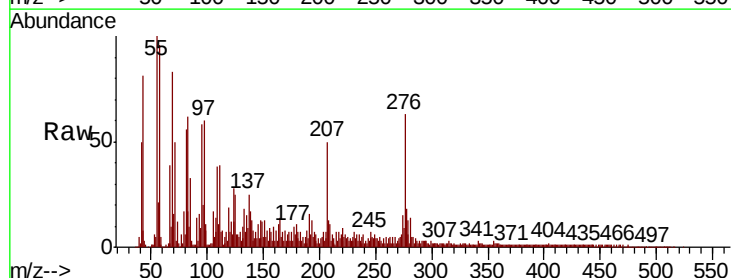
mohammad
6/26/2020 12:21:49 PM

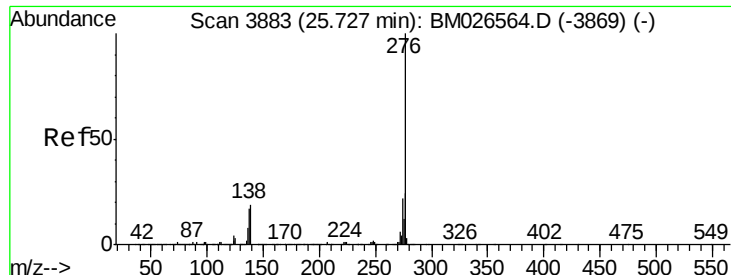


#93

Dibenzo(a,h)anthracene
Concen: 1.406 ng/ul
RT: 25.15 min Scan# 3785
Delta R.T. 0.03 min
Lab File: BM026576.D
Acq: 26 Jun 2020 02:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	97.0	11.8	17.8#
279	45.1	18.4	27.6#





#94

Benzo(a,h,i)perylene

Concen: 3.426 ng/ul

RT: 25.77 min Scan# 3890

Delta R.T. 0.05 min

Lab File: BM026576.D

Acq: 26 Jun 2020 02:17

Instrument :

BNA_M

ClientSampleId :

ET136

Tot Ion:	276	Resp:	136254
Ion Ratio	Lower	Upper	
276	100		
138	37.1	15.8	23.8#
277	31.4	19.8	29.8#

Manual Integrations
APPROVED

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