

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
 Data File : BM026577.D
 Acq On : 26 Jun 2020 02:53
 Operator : JU/CG
 Sample : L3062-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 ET133

Manual Integrations
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 6/26/2020 12:21:51 PM

Quant Time: Jun 26 05:16:37 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	106237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	473051	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	308755	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	679693	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	741083	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	652029	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	7129	2.35	ng/uL	0.00
5) Phenol-d5	6.58	99	140434	14.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	103486	16.71	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	114547	14.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	123343	16.01	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	44488	10.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	22233	4.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	118771	13.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	154326	17.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	420523	16.20	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	430266	13.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	24876m	5.78	ng/ul	0.02
58) Fluorene-d10	15.03	176	309149	13.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	4584	1.03	ng/ul	0.01
71) Anthracene-d10	16.89	188	487430	14.09	ng/ul	0.00
79) Pyrene-d10	19.19	212	548113	13.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	480083	13.32	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.60	94	12701	1.185	ng/ul	96
16) 4-Methylphenol	8.15	108	51614	6.118	ng/ul	83
28) Naphthalene	10.17	128	165014	5.736	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	37120	1.836	ng/ul	92
45) Dimethylphthalate	13.50	163	113271	4.202	ng/ul	99
48) Acenaphthylene	13.74	152	108469	3.270	ng/ul	99
50) Acenaphthene	14.09	153	193426	8.450	ng/ul	99
54) Dibenzofuran	14.43	168	101221	3.132	ng/ul	99
59) Fluorene	15.09	166	54626	2.048	ng/ul	99
70) Phenanthrene	16.83	178	232801	5.461	ng/ul	100
72) Anthracene	16.92	178	111810	2.559	ng/ul	98
77) Fluoranthene	18.86	202	798228	17.139	ng/ul	99
80) Pyrene	19.22	202	675080	12.390	ng/ul	98
83) Benzo(a)anthracene	20.99	228	462434m	8.759	ng/ul	
85) Chrysene	21.03	228	448715	8.756	ng/ul	97
88) Benzo(b)fluoranthene	22.47	252	648767	14.509	ng/ul#	95
89) Benzo(k)fluoranthene	22.51	252	177408m	4.125	ng/ul	
91) Benzo(a)pyrene	23.00	252	449438	11.410	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.10	276	279064	5.405	ng/ul	95
93) Dibenz(a,h)anthracene	25.11	278	68628	1.593	ng/ul#	73
94) Benzo(a,h,i)perylene	25.72	276	108859	2.524	ng/ul#	92

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Quant Time: Jun 26 05:16:37 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)

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

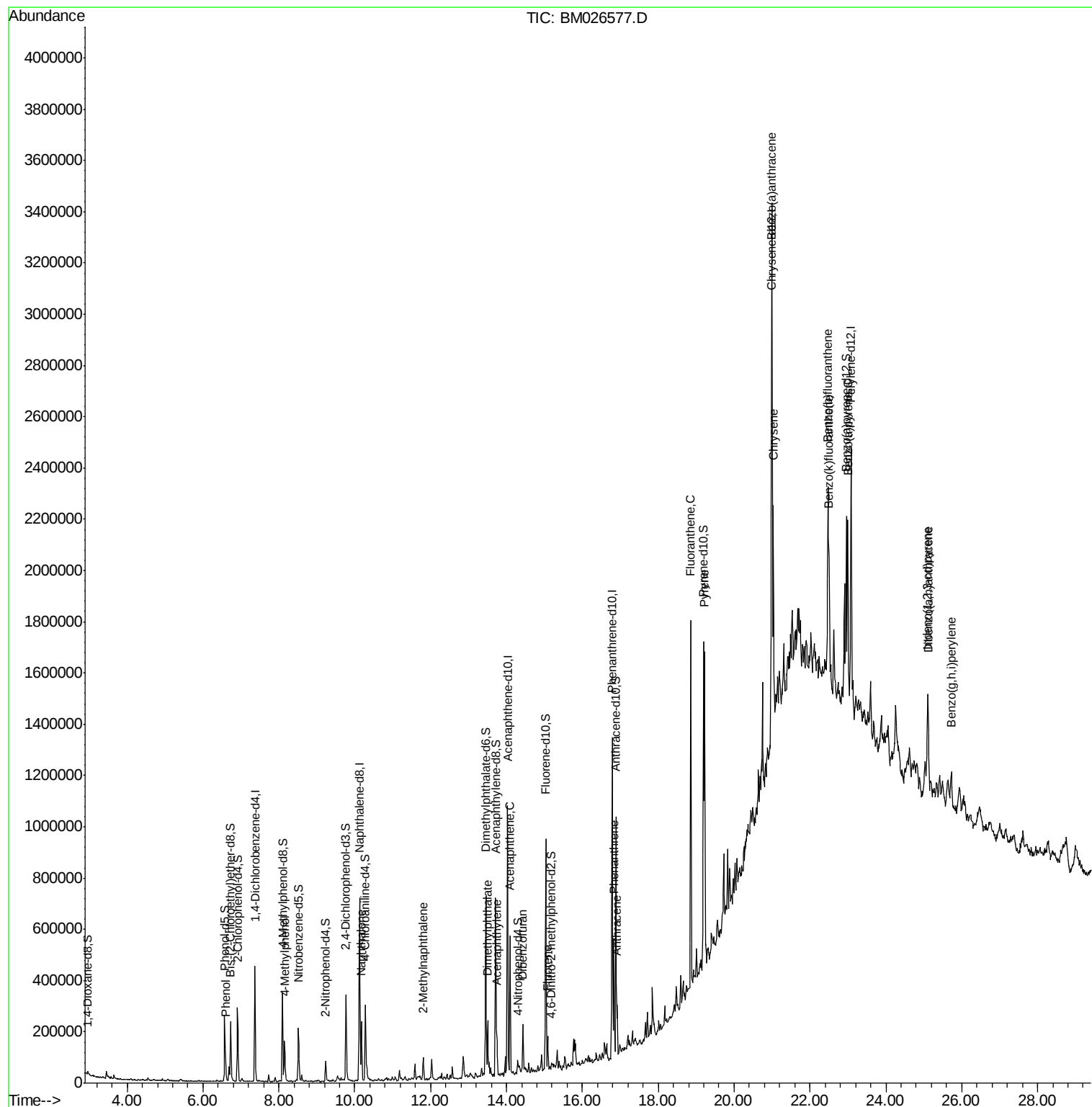
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026577.D
Acq On : 26 Jun 2020 02:53
Operator : JU/CG
Sample : L3062-02
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ALS Vial : 28 Sample Multiplier: 1

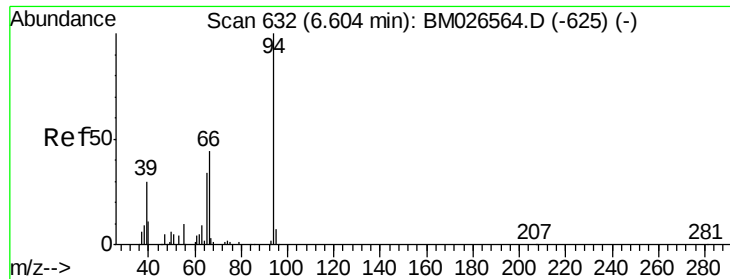
Instrument :
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Quant Time: Jun 26 05:16:37 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 26 00:37:06 2020
Response via : Initial Calibration





#6

Phenol

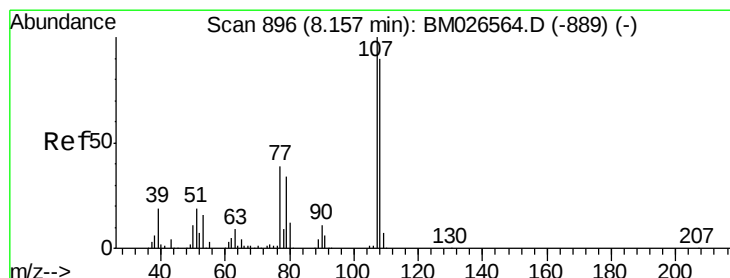
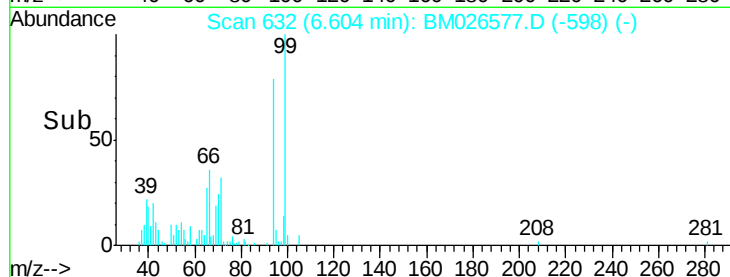
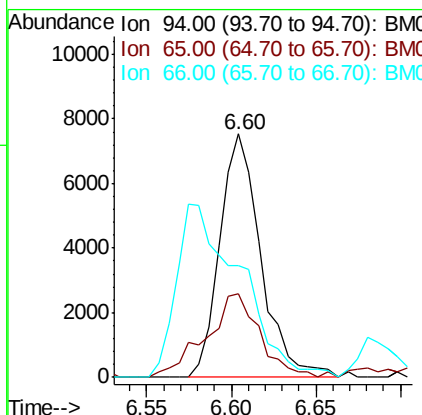
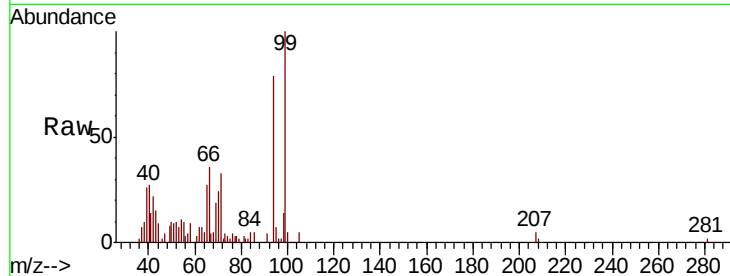
Concen: 1.185 ng/ul
 RT: 6.60 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BM026577.D
 Acq: 26 Jun 2020 02:53

Instrument :
 BNA_M
 ClientSampleID :
 ET133

Tot Ion	Ion	Ratio	Lower	Upper
94	100			
65	34.2	25.5	38.3	
66	46.1	34.8	52.2	

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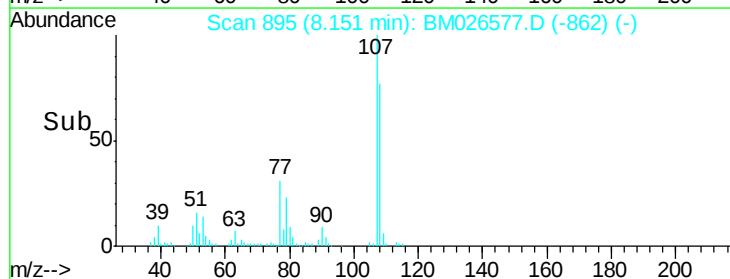
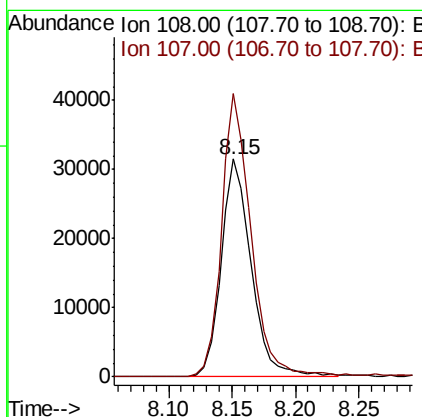
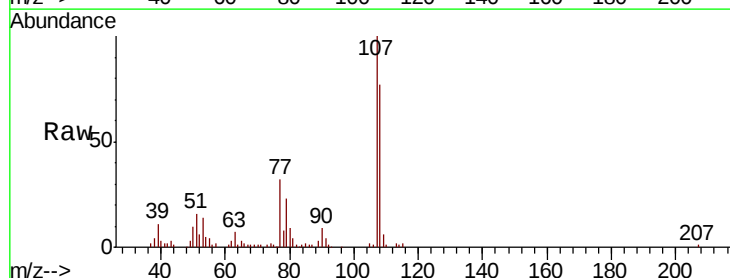


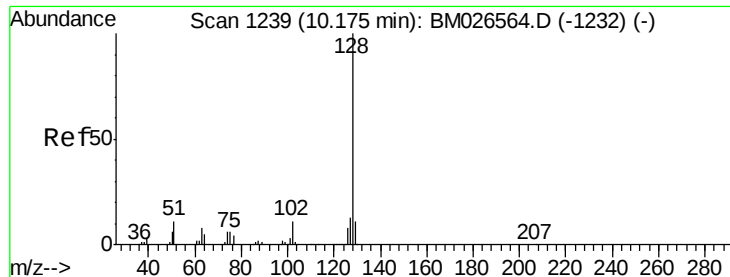
#16

4-Methylphenol

Concen: 6.118 ng/ul
 RT: 8.15 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BM026577.D
 Acq: 26 Jun 2020 02:53

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	130.0	89.2	133.8	





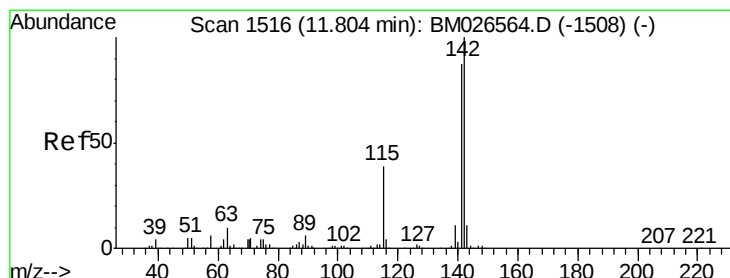
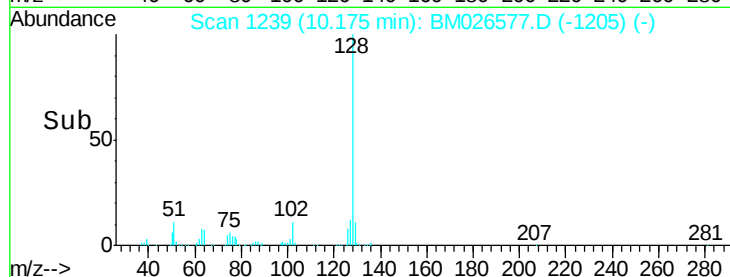
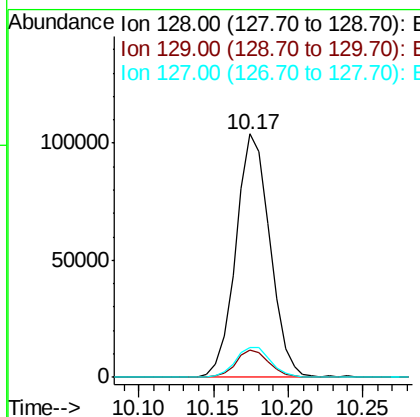
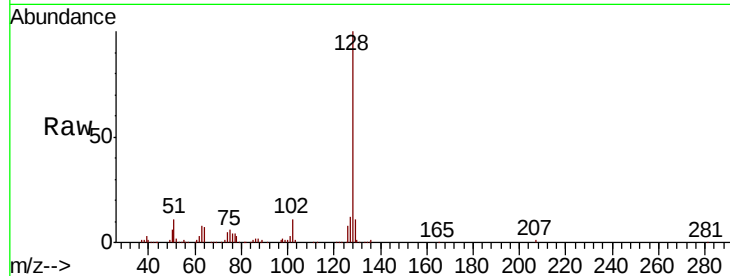
#28
Naphthalene
Concen: 5.736 ng/ul
RT: 10.17 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Instrument :
BNA_M
ClientSampleId :
ET133

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.0	10.1	15.1

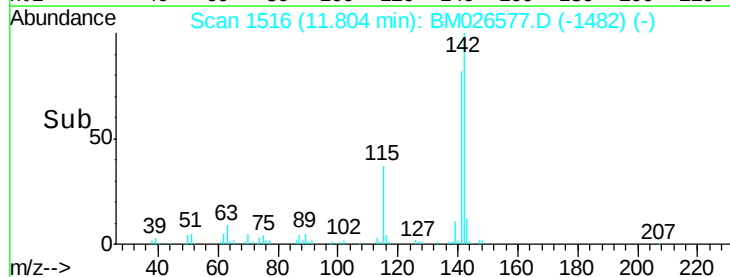
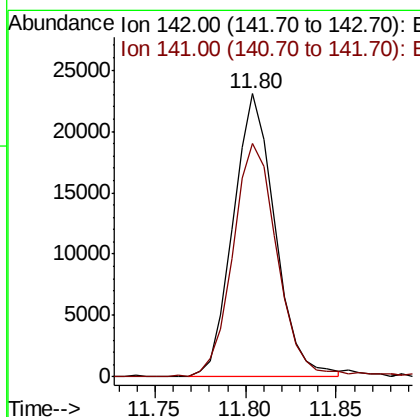
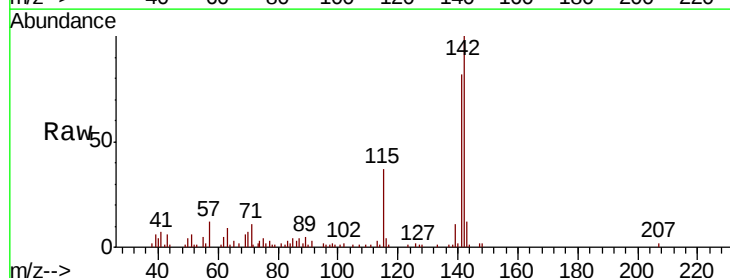
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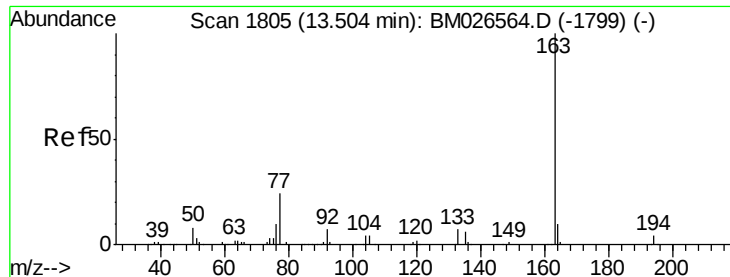
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#34
2-Methylnaphthalene
Concen: 1.836 ng/ul
RT: 11.80 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.3	72.1	108.1





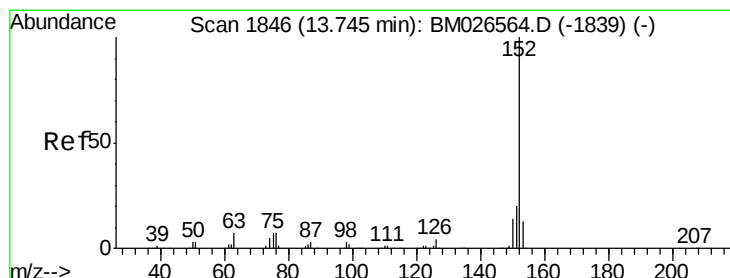
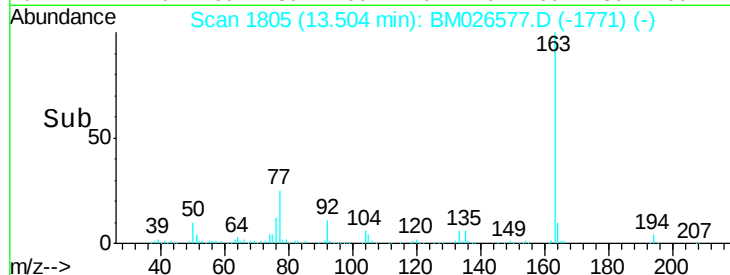
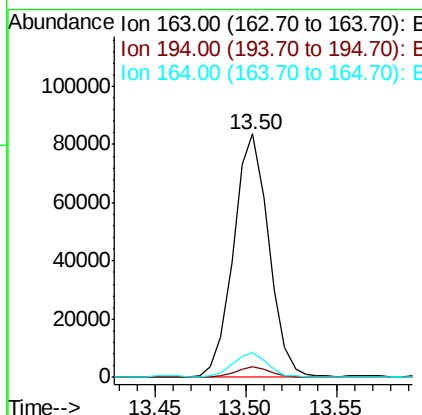
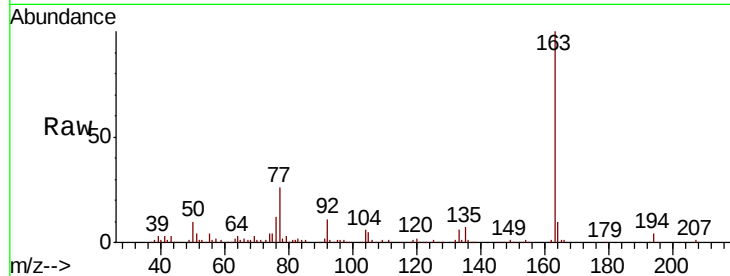
#45
Dimethylphthalate
Concen: 4.202 ng/ul
RT: 13.50 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Instrument :
BNA_M
ClientSampled :
ET133

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	7.8	11.6

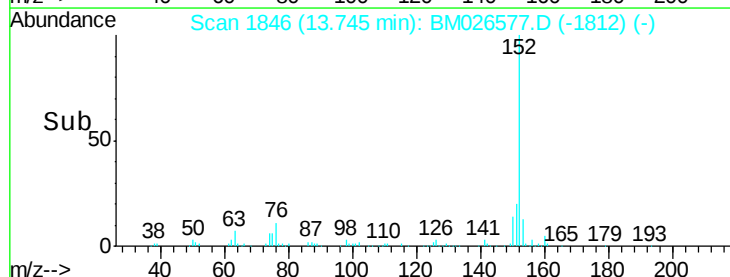
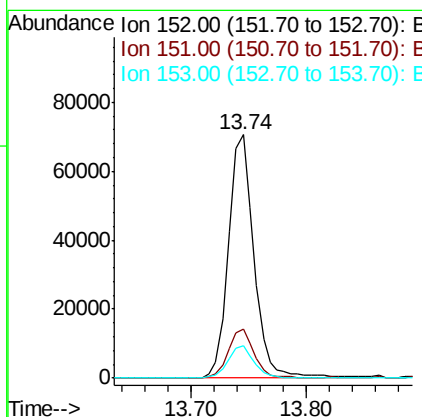
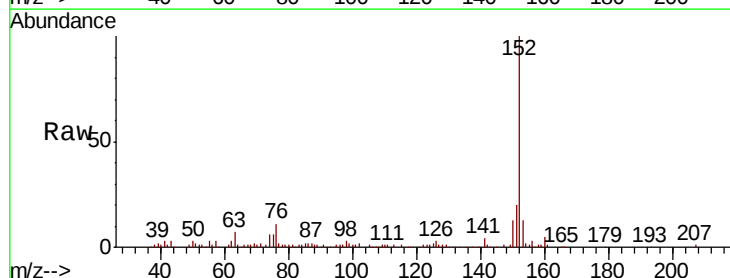
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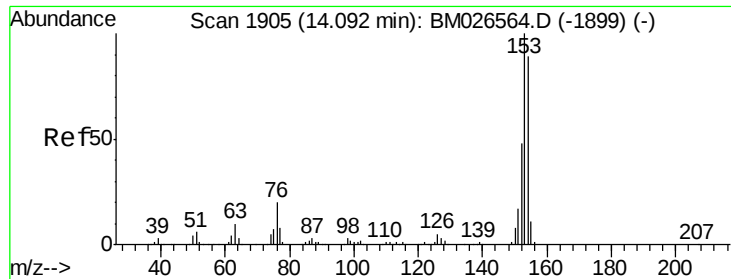
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#48
Acenaphthylene
Concen: 3.270 ng/ul
RT: 13.74 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.2
153	13.1	10.4	15.6





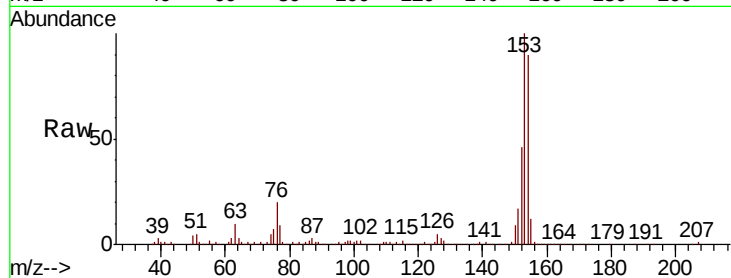
#50
Acenaphthene
Concen: 8.450 ng/ul
RT: 14.09 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Instrument :
BNA_M
ClientSampleId :
ET133

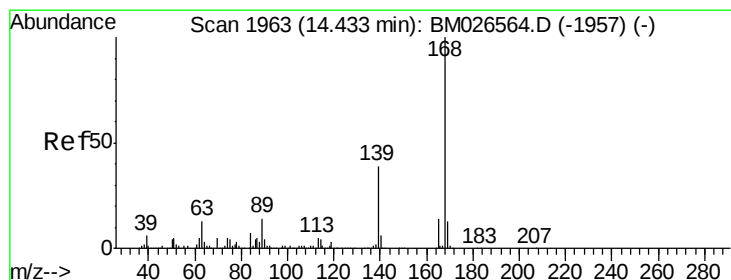
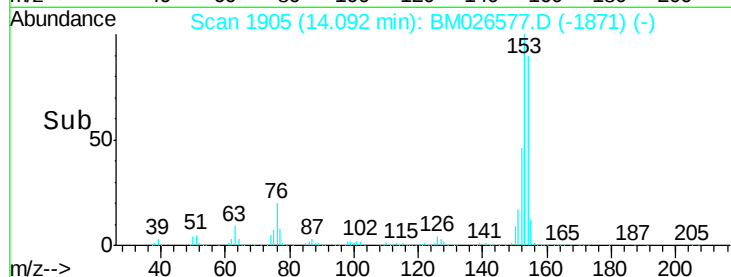
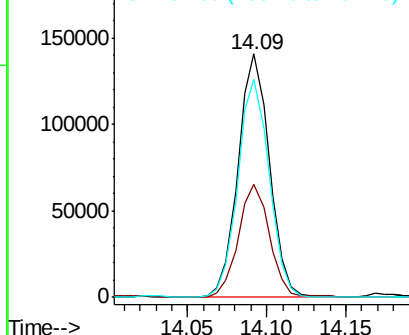
Tot Ion	Ratio	Lower	Upper
153	100		
152	46.3	36.4	54.6
154	89.7	71.0	106.4

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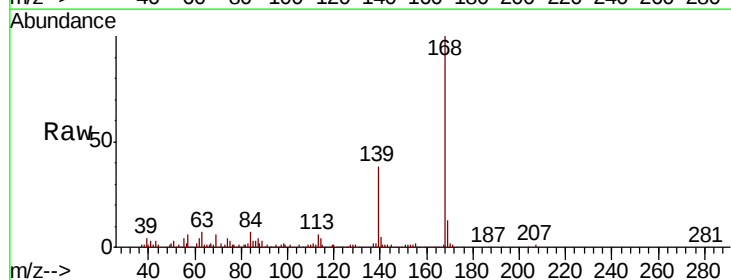


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

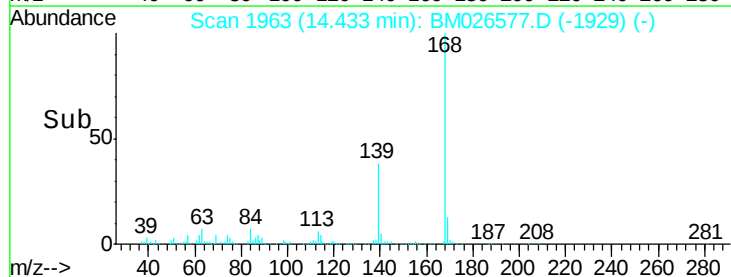
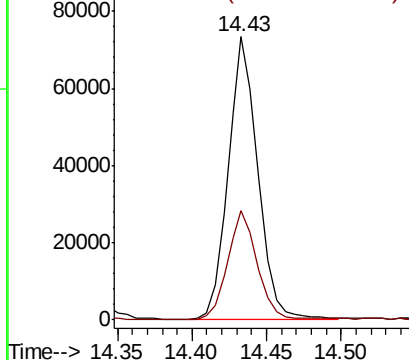


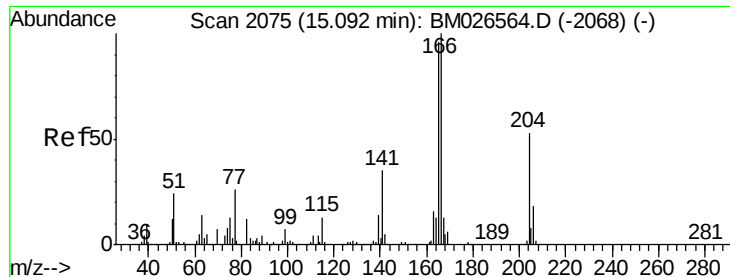
#54
Dibenzofuran
Concen: 3.132 ng/ul
RT: 14.43 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.1	46.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





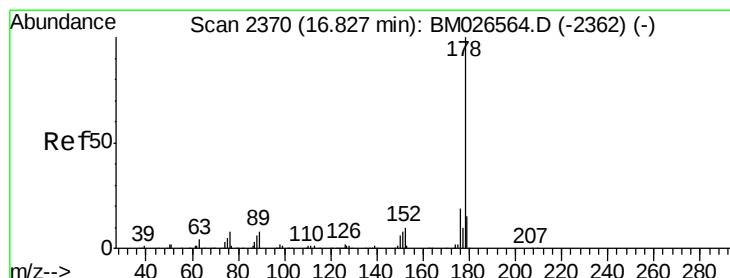
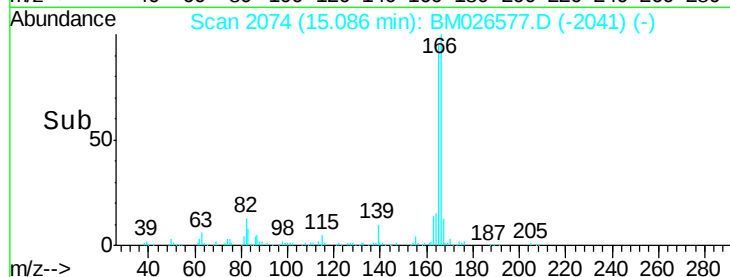
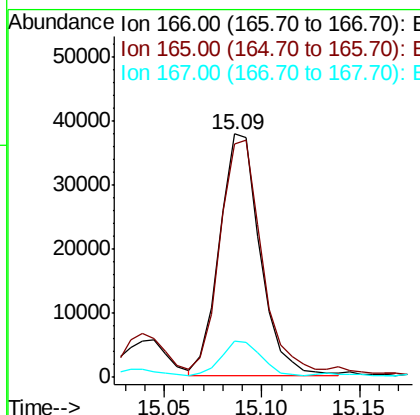
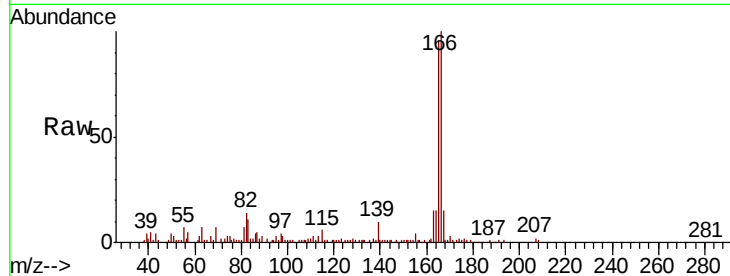
#59
Fluorene
Concen: 2.048 ng/ul
RT: 15.09 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Instrument :
BNA_M
ClientSampled :
ET133

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.0	115.4
167	15.1	10.6	16.0

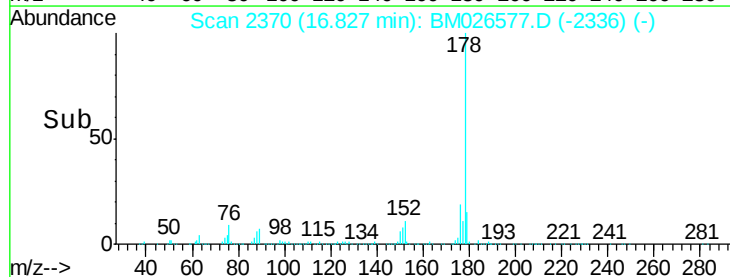
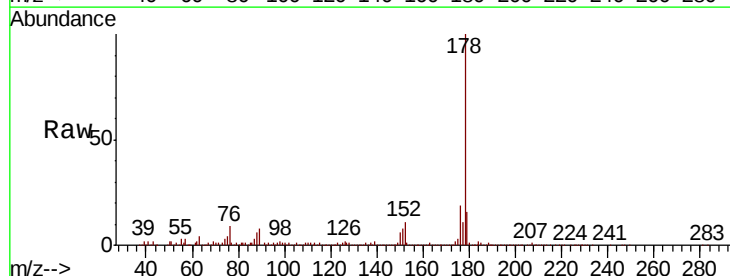
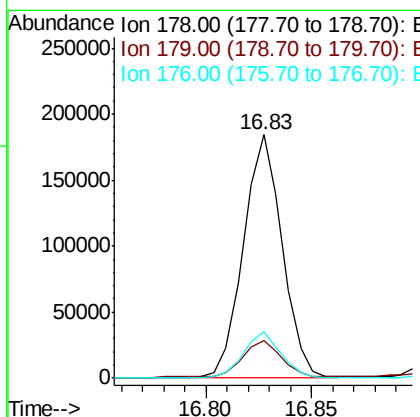
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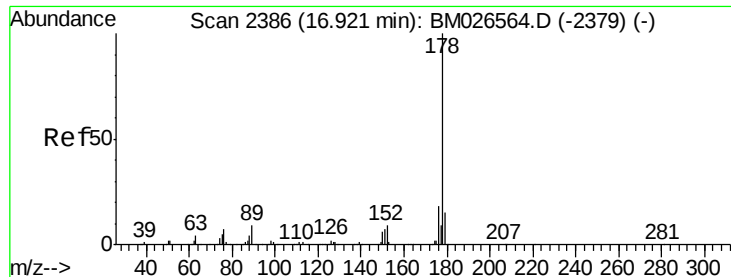
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#70
Phenanthrene
Concen: 5.461 ng/ul
RT: 16.83 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.9	15.0	22.4





#72

Anthracene

Concen: 2.559 ng/ul

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM026577.D

Acq: 26 Jun 2020 02:53

Instrument :

BNA_M

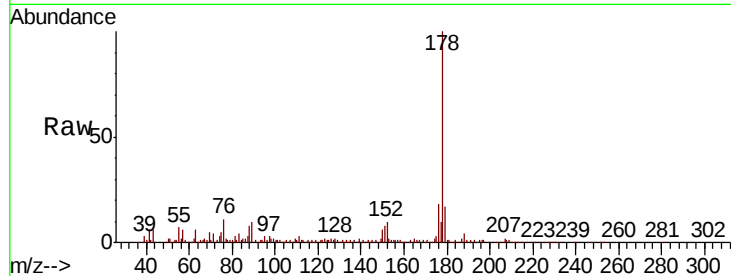
ClientSampleId :

ET133

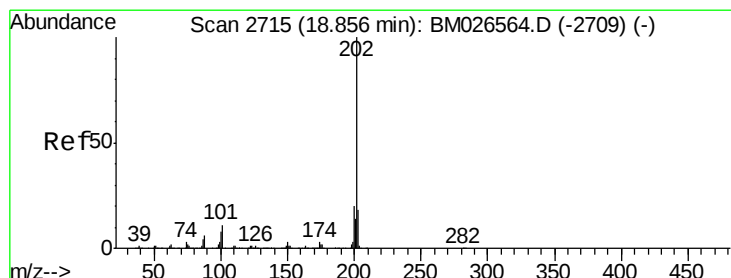
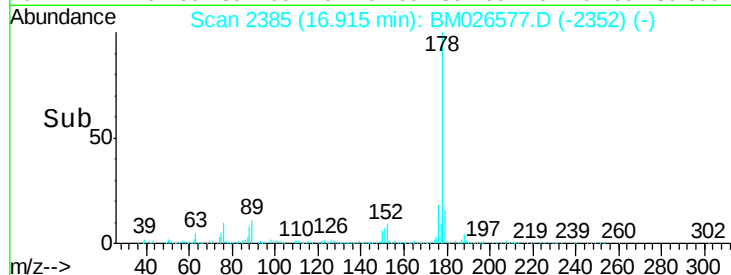
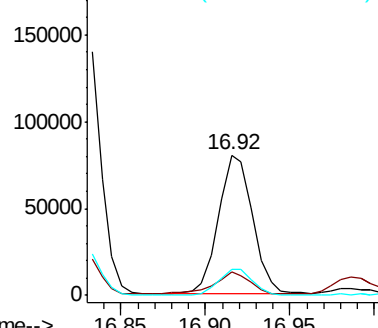
Tot Ion:	178	Resp:	111810
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.2	18.4
176	18.3	14.3	21.5

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 17.139 ng/ul

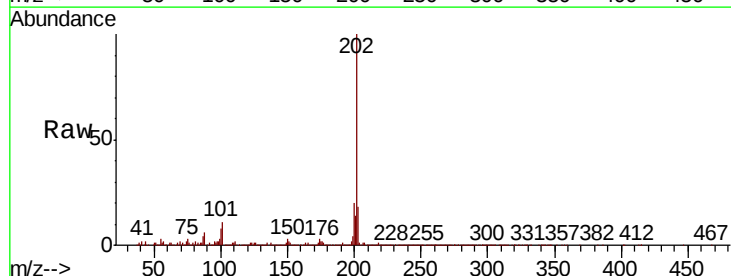
RT: 18.86 min Scan# 2715

Delta R.T. -0.00 min

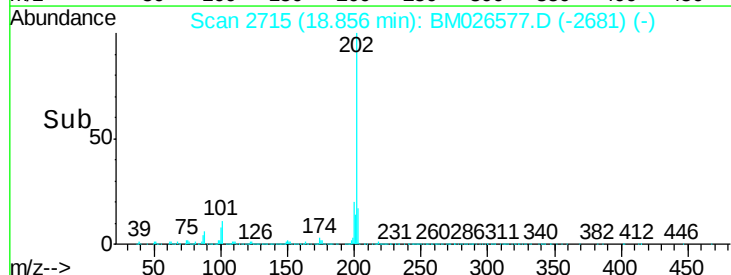
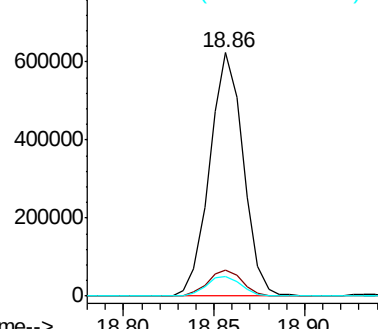
Lab File: BM026577.D

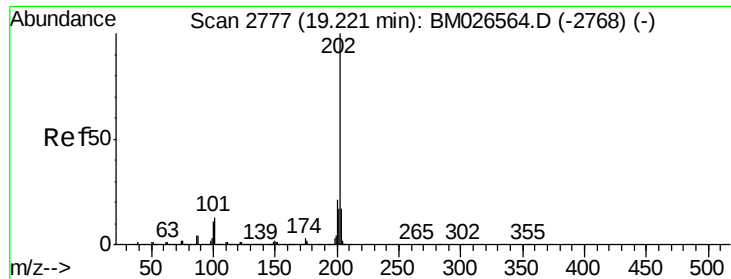
Acq: 26 Jun 2020 02:53

Tgt Ion:	202	Resp:	798228
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.6	12.8
100	8.0	6.8	10.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





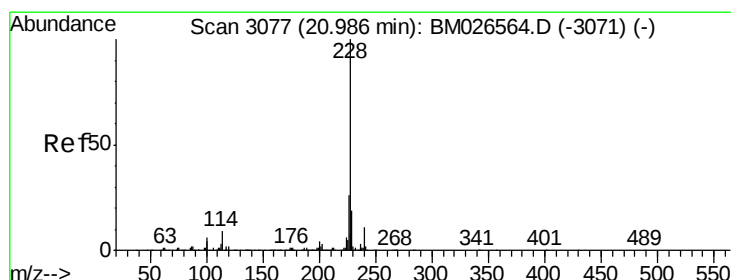
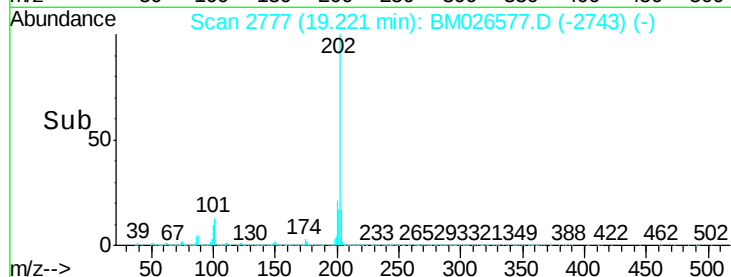
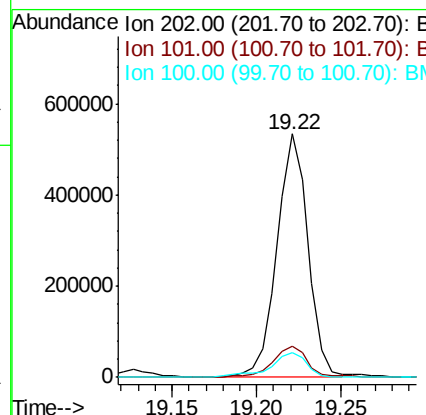
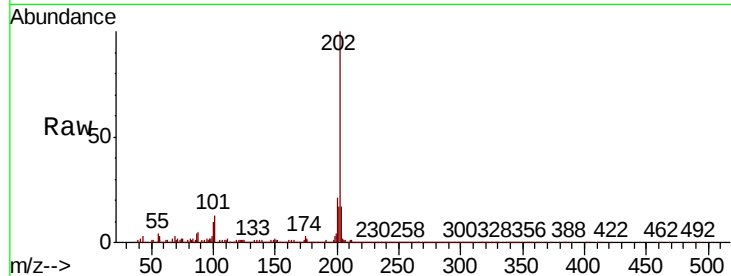
#80
Pvrene
Concen: 12.390 ng/ul
RT: 19.22 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Instrument :
BNA_M
ClientSampleId :
ET133

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.7	10.9	16.3
100	10.3	9.0	13.6

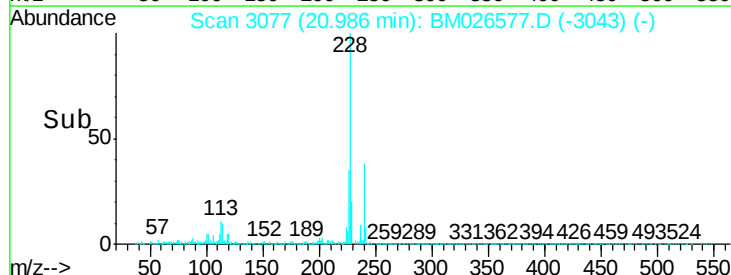
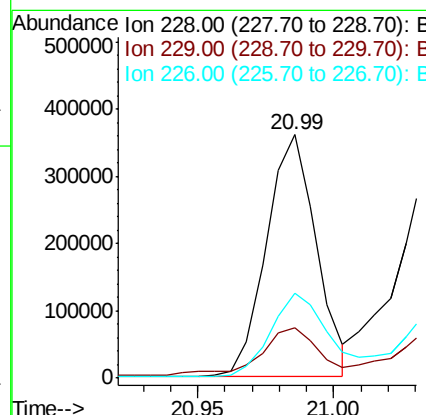
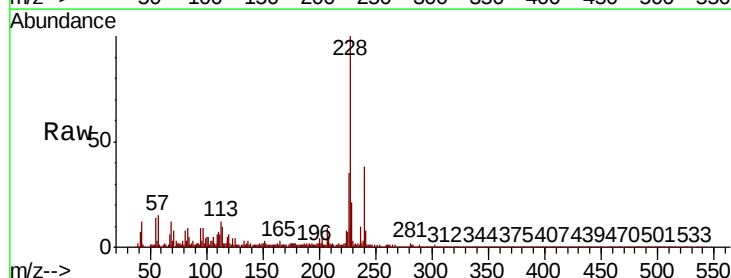
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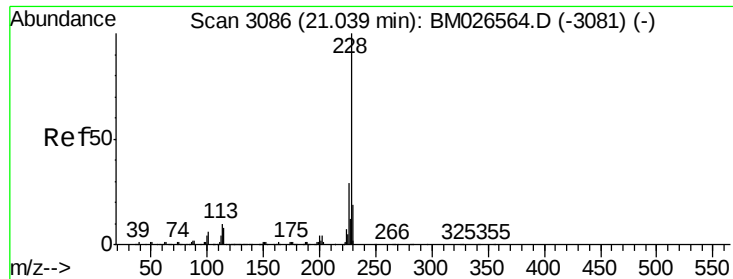
mohammad
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#83
Benzo(a)anthracene
Concen: 8.759 ng/ul m
RT: 20.99 min Scan# 3077
Delta R.T. -0.00 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.9	15.4	23.2
226	35.1	21.0	31.4#





#85

Chrysene

Concen: 8.756 ng/ul

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM026577.D

Acq: 26 Jun 2020 02:53

Instrument :

BNA_M

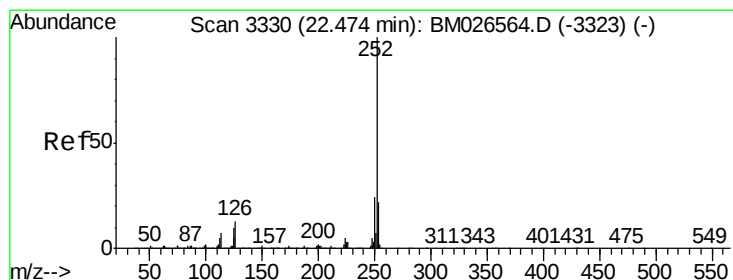
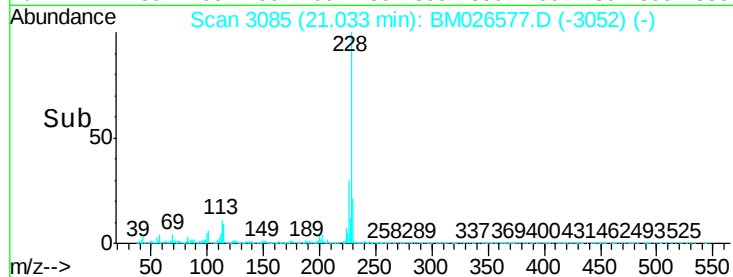
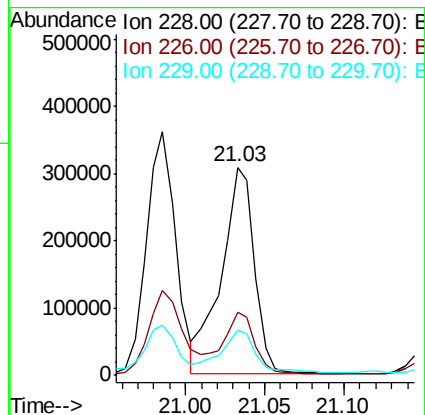
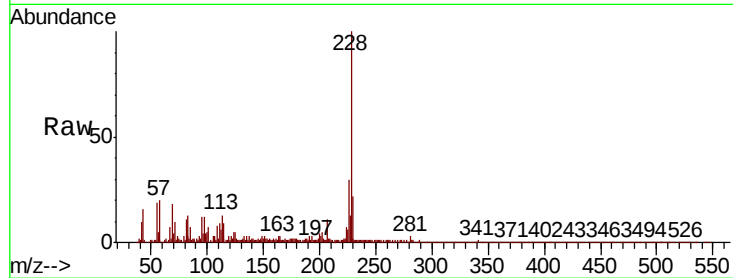
ClientSampled :

ET133

Tot Ion:	228	Resp:	448715
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.7	35.5
229	22.0	15.5	23.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 14.509 ng/ul

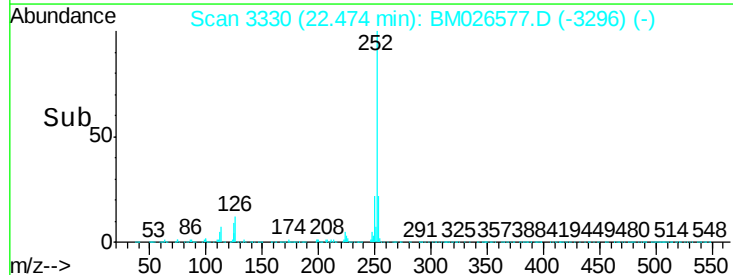
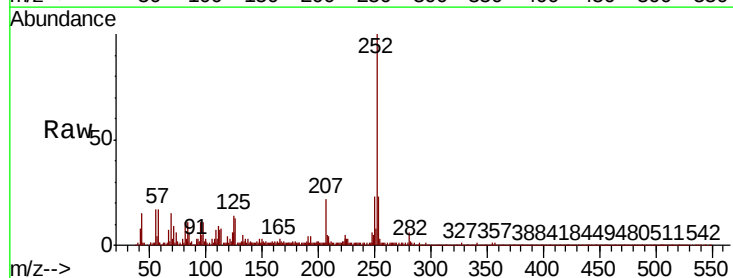
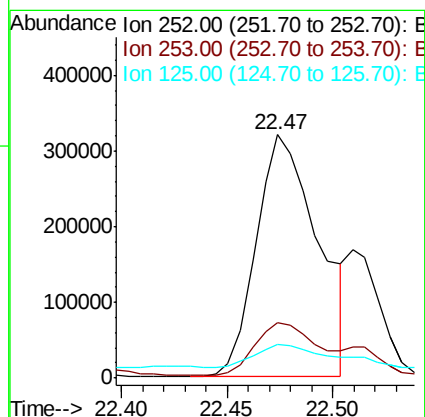
RT: 22.47 min Scan# 3330

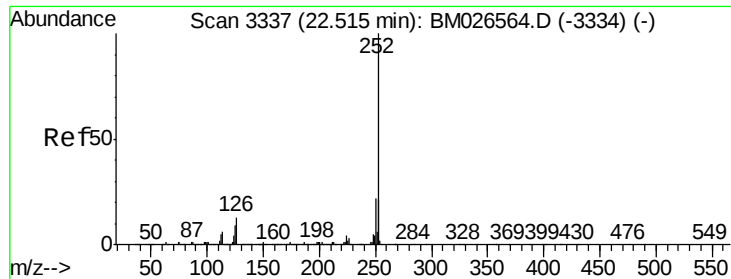
Delta R.T. -0.00 min

Lab File: BM026577.D

Acq: 26 Jun 2020 02:53

Tgt Ion:	252	Resp:	648767
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.5	26.3
125	13.9	7.4	11.2#





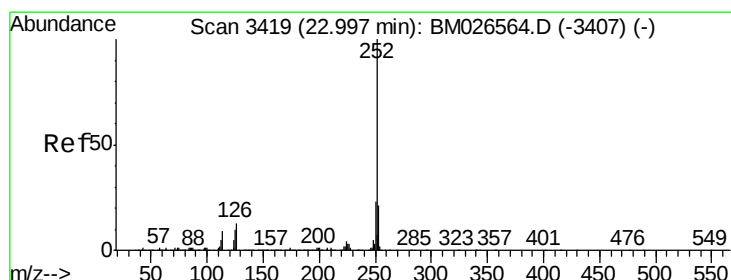
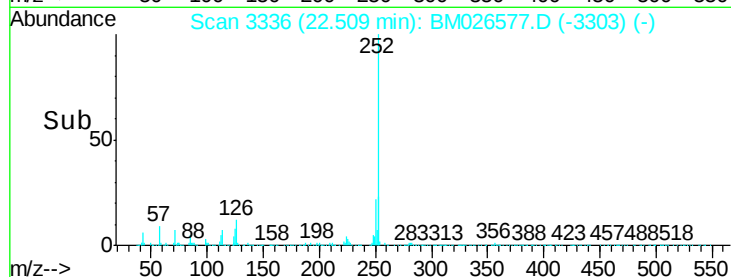
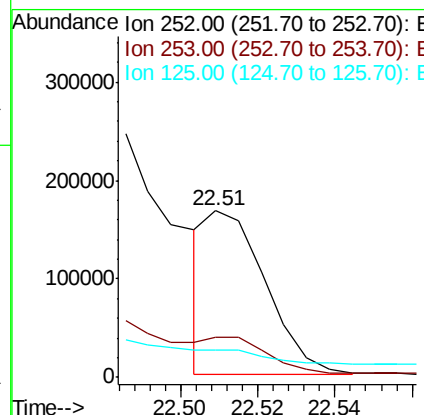
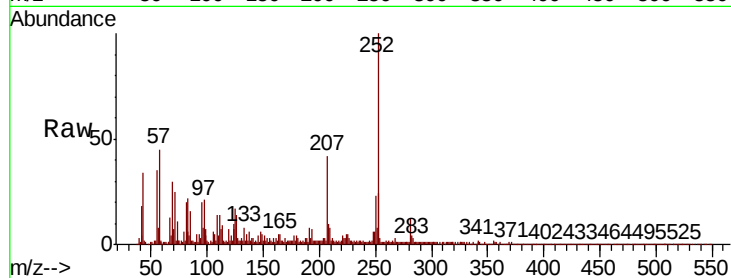
#89
Benzo(k)fluoranthene
Concen: 4.125 ng/ul m
RT: 22.51 min Scan# 3336
Delta R.T. -0.01 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Instrument :
BNA_M
ClientSampleId :
ET133

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	16.7	8.2	12.2

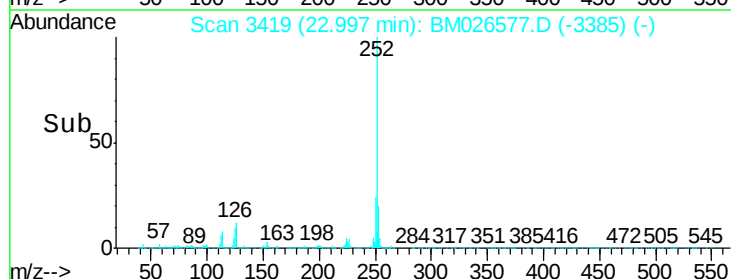
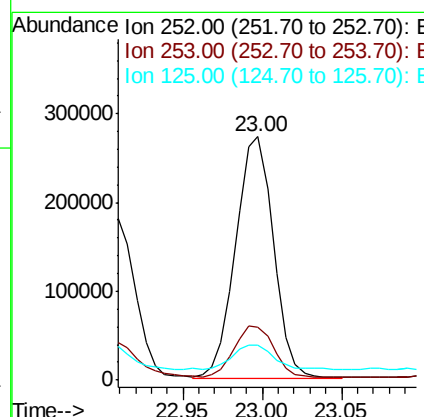
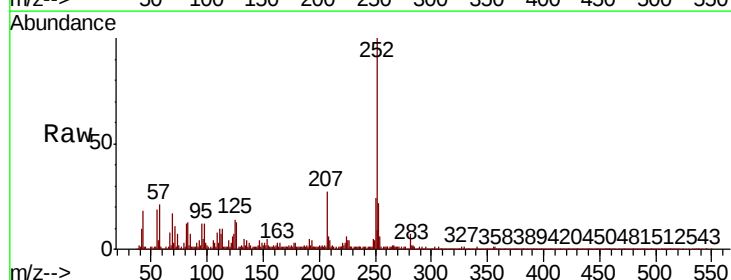
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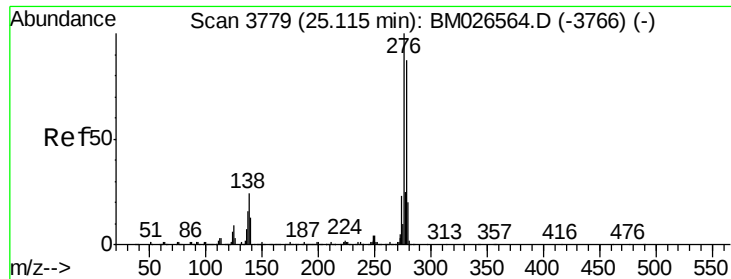
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#91
Benzo(a)pyrene
Concen: 11.410 ng/ul
RT: 23.00 min Scan# 3419
Delta R.T. -0.00 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	14.2	8.7	13.1





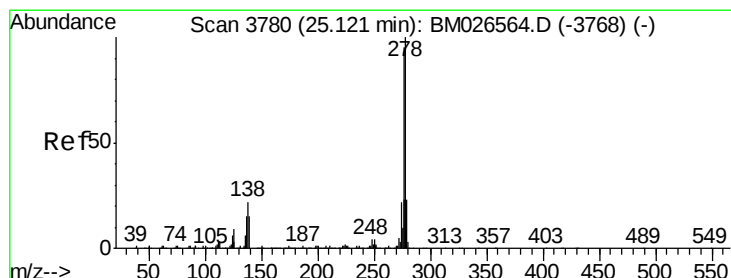
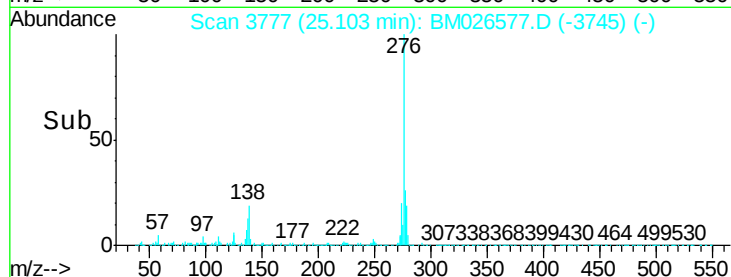
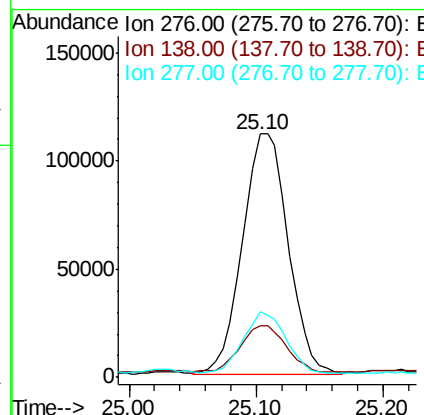
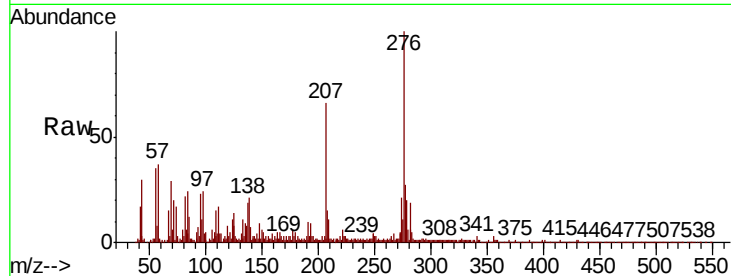
#92
Indeno(1,2,3-cd)pyrene
Concen: 5.405 ng/ul
RT: 25.10 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Instrument :
BNA_M
ClientSampleId :
ET133

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		279064		
138	21.2	18.3	27.5		
277	26.9	19.3	28.9		

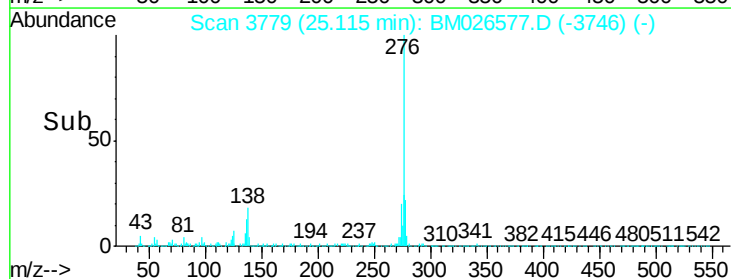
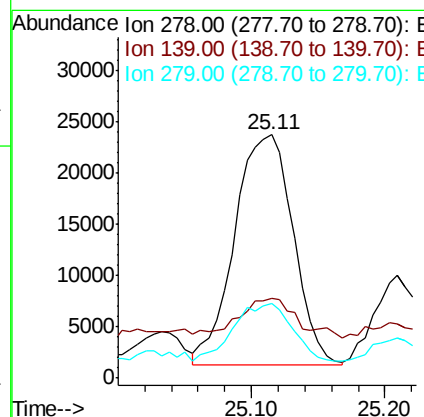
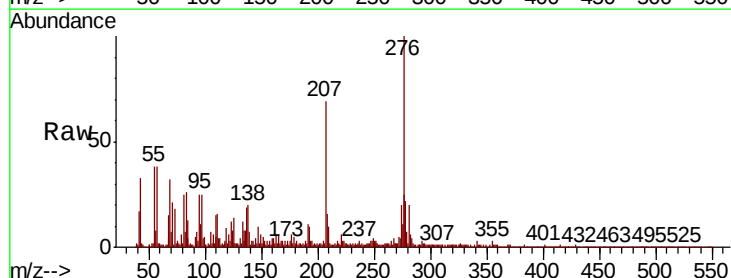
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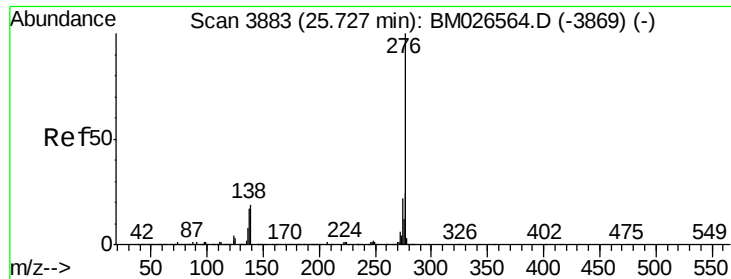
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#93
Dibenzo(a,h)anthracene
Concen: 1.593 ng/ul
RT: 25.11 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BM026577.D
Acq: 26 Jun 2020 02:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
278	100		68628		
139	32.7	11.8	17.8#		
279	30.8	18.4	27.6#		





#94

Benzo(a,h,i)perylene

Concen: 2.524 ng/ul

RT: 25.72 min Scan# 3882

Delta R.T. -0.00 min

Lab File: BM026577.D

Acq: 26 Jun 2020 02:53

Instrument :

BNA_M

ClientSampleId :

ET133

Tot Ion:	276	Resp:	108859
Ion Ratio	Lower	Upper	
276	100		
138	24.4	15.8	23.8#
277	27.5	19.8	29.8

Manual Integrations
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