

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
 Data File : BM026166.D
 Acq On : 28 May 2020 21:41
 Operator : MA/SJ
 Sample : L2785-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB7E1

Manual Integrations
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mohammad
 5/29/2020 10:30:05 PM

Quant Time: May 29 02:25:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 28 11:12:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	144553	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	608328	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	353106	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	756120	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	798599	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	831063	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	22826	4.76	ng/uL	0.00
5) Phenol-d5	6.67	99	454456	34.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	307286	33.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	344654	33.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	346330	35.05	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	172641	34.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	184503	37.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	330808	33.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	446482	44.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	995219	35.15	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	1210807	36.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	169791	33.86	ng/ul	0.00
58) Fluorene-d10	15.13	176	881006	35.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	136186	30.89	ng/ul	0.00
71) Anthracene-d10	16.97	188	1330586	35.71	ng/ul	0.00
79) Pyrene-d10	19.27	212	1566498	38.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1705728	38.56	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.64	77	11124	1.304	ng/ul 98
45) Dimethylphthalate	13.60	163	55137	1.855	ng/ul 98
70) Phenanthrene	16.92	178	151379	3.178	ng/ul 99
77) Fluoranthene	18.94	202	272913	5.463	ng/ul 99
80) Pyrene	19.30	202	246807	4.402	ng/ul 96
83) Benzo(a)anthracene	21.06	228	146469	2.661	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.02	149	33059	1.075	ng/ul# 99
85) Chrysene	21.11	228	144439	2.640	ng/ul 96
88) Benzo(b)fluoranthene	22.57	252	186772	3.323	ng/ul# 93
89) Benzo(k)fluoranthene	22.60	252	78948m	1.406	ng/ul
91) Benzo(a)pyrene	23.10	252	125693	2.541	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.26	276	89175	1.389	ng/ul 95
94) Benzo(g,h,i)perylene	25.89	276	53635	1.001	ng/ul 97

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

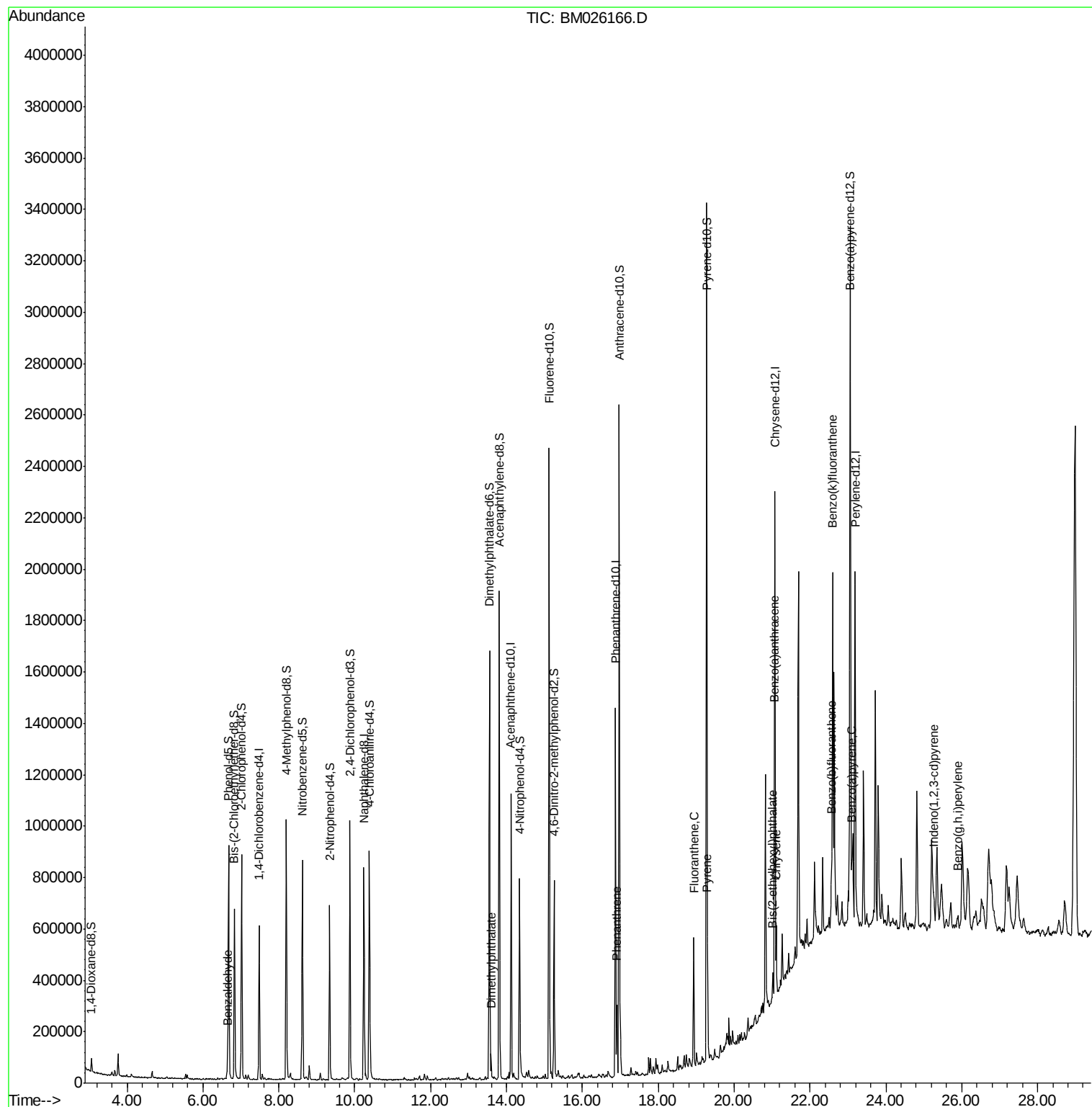
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026166.D
Acq On : 28 May 2020 21:41
Operator : MA/SJ
Sample : L2785-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

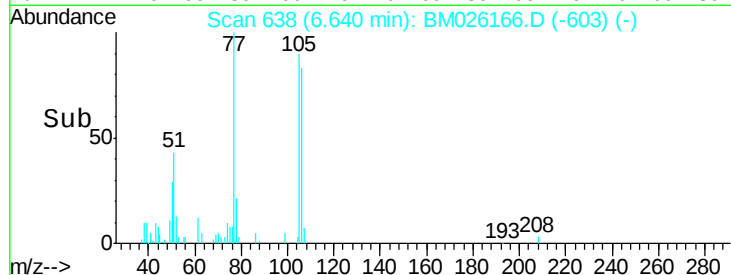
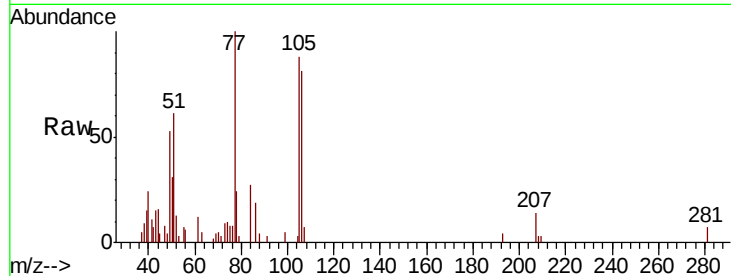
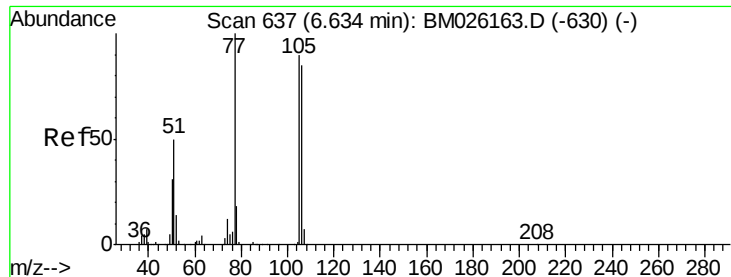
Instrument :
BNA_M
ClientSampleId :
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Quant Time: May 29 02:25:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 28 11:12:05 2020
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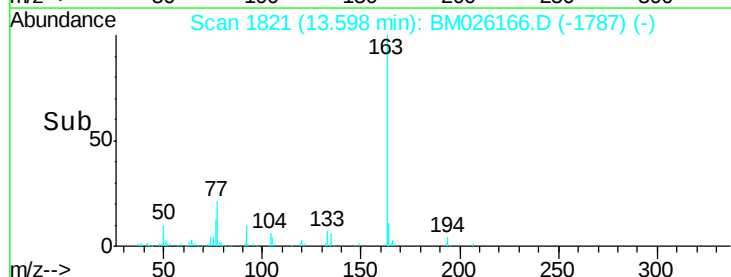
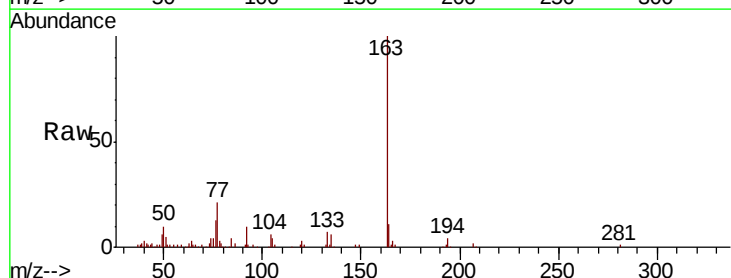
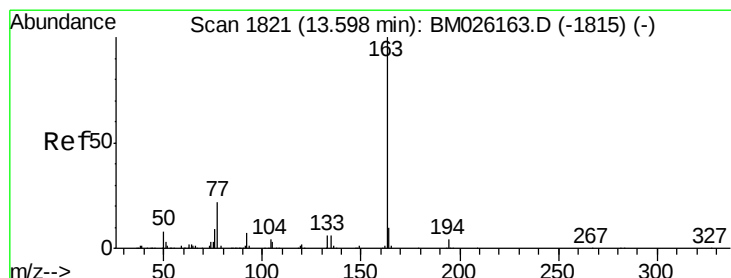
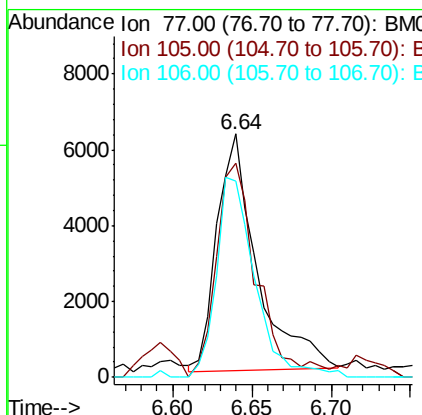
#4
Benzaldehyde
Concen: 1.304 ng/ul
RT: 6.64 min Scan# 638
Delta R.T. 0.01 min
Lab File: BM026166.D
Acq: 28 May 2020 21:41

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.2	68.6	102.8
106	80.8	63.4	95.0

Instrument :
BNA_M
ClientSampleId :
CB7E1

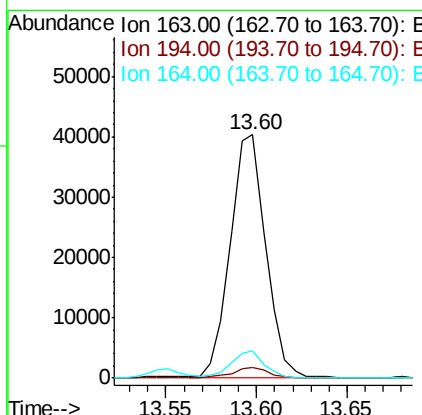
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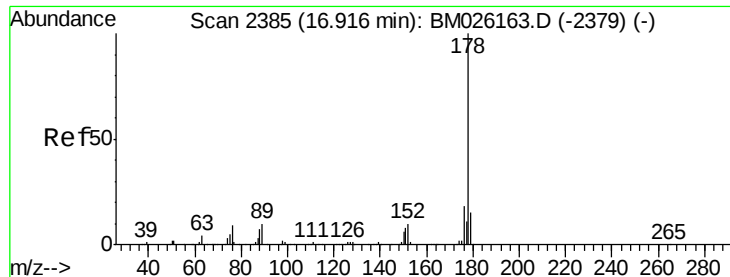
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#45
Dimethylphthalate
Concen: 1.855 ng/ul
RT: 13.60 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BM026166.D
Acq: 28 May 2020 21:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	11.0	8.0	12.0





#70

Phenanthrene

Concen: 3.178 ng/ul

RT: 16.92 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

Instrument :

BNA_M

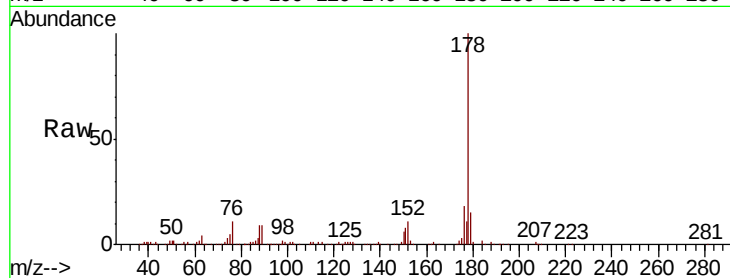
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CB7E1

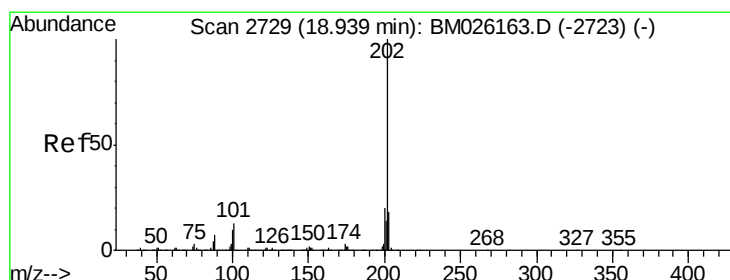
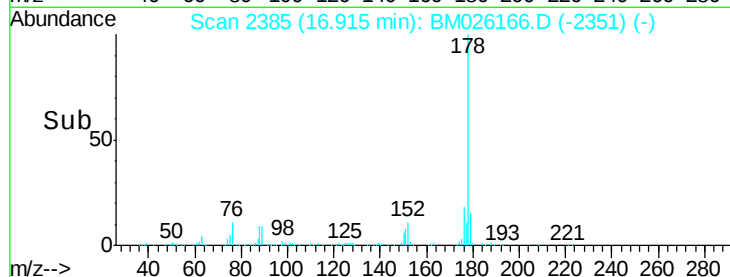
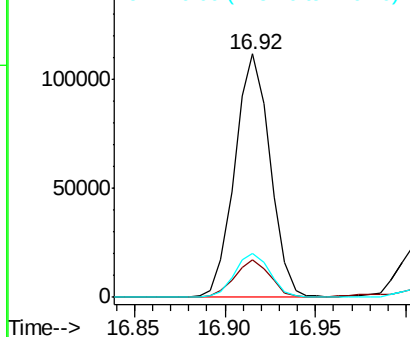
Tot Ion:	178	Resp:	151379
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.9	17.9
176	18.3	14.9	22.3

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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: 5.463 ng/ul

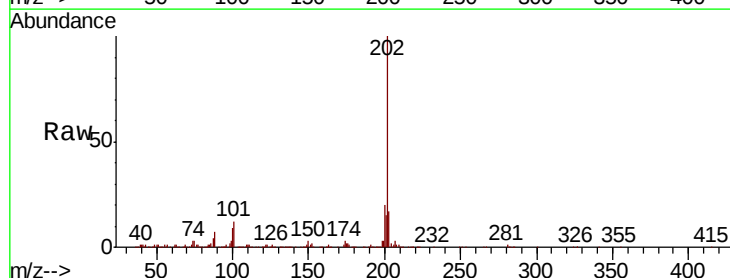
RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

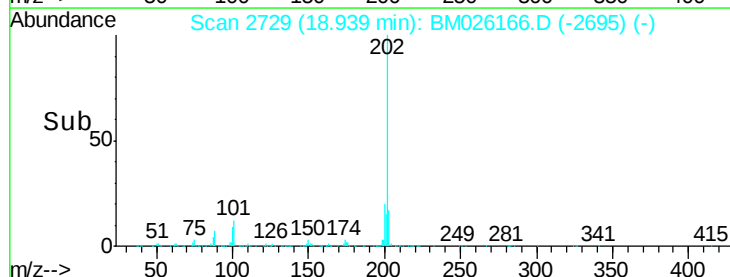
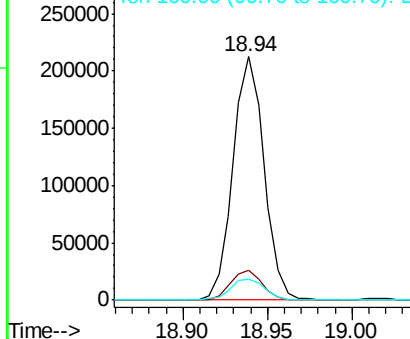
Lab File: BM026166.D

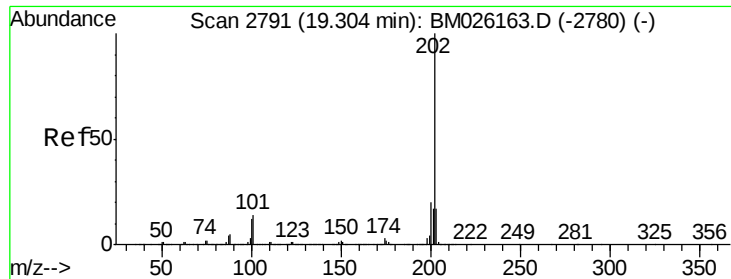
Acq: 28 May 2020 21:41

Tgt Ion:	202	Resp:	272913
Ion Ratio	Lower	Upper	
202	100		
101	12.2	9.5	14.3
100	8.7	7.6	11.4



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





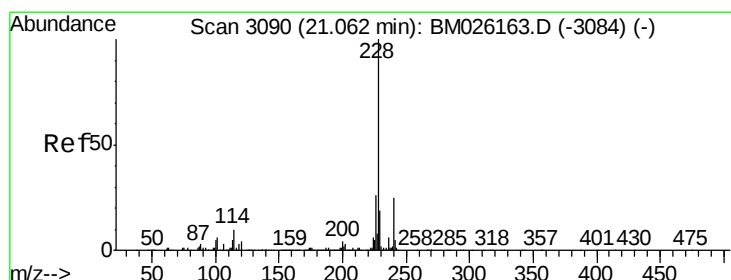
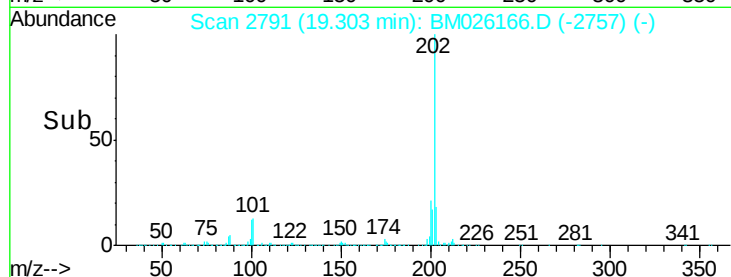
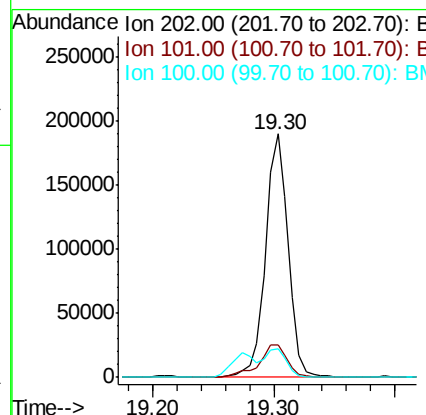
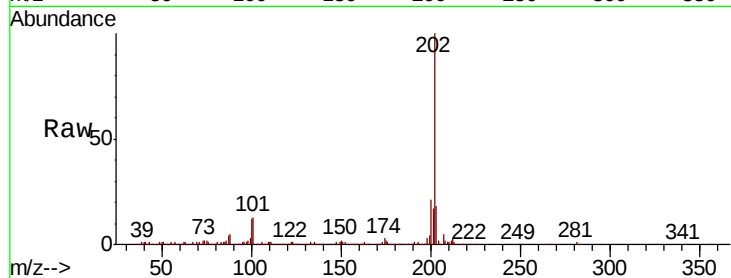
#80
Pvrene
Concen: 4.402 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM026166.D
Acq: 28 May 2020 21:41

Instrument :
BNA_M
ClientSampleId :
CB7E1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	246807		
101	13.4		12.2	18.4
100	11.9		10.2	15.4

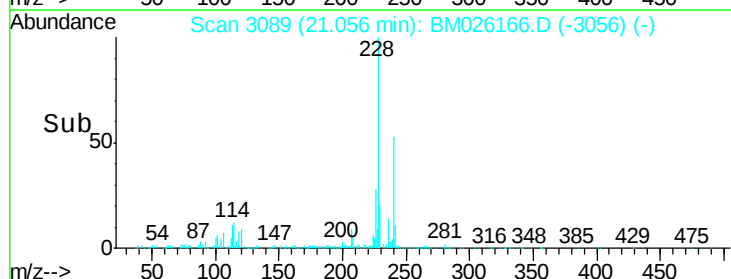
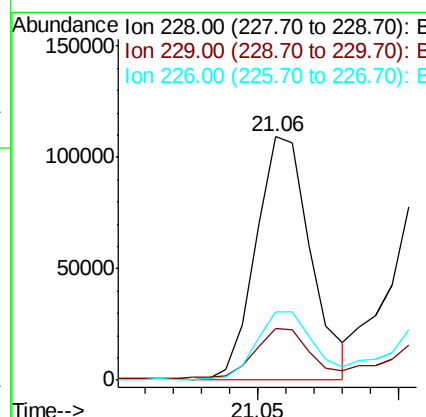
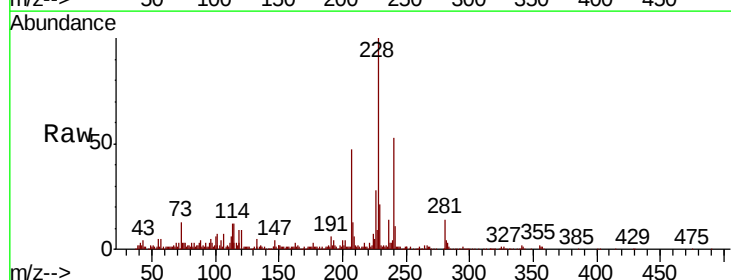
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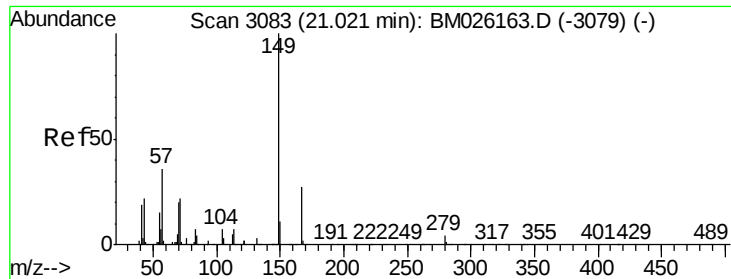
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#83
Benzo(a)anthracene
Concen: 2.661 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM026166.D
Acq: 28 May 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	146469		
229	21.0		15.5	23.3
226	28.2		21.2	31.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.075 ng/ul

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

Instrument :

BNA_M

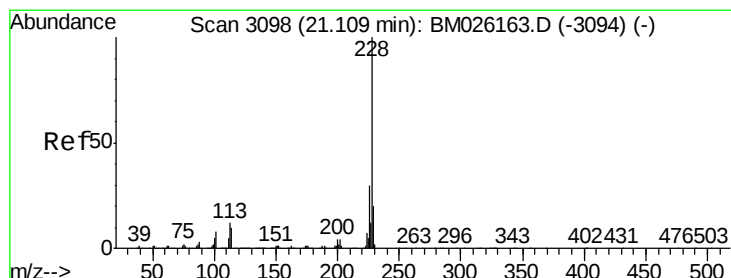
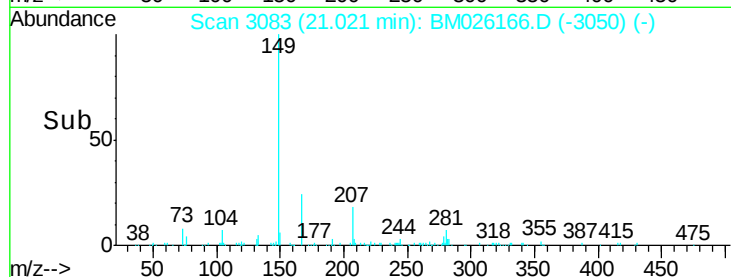
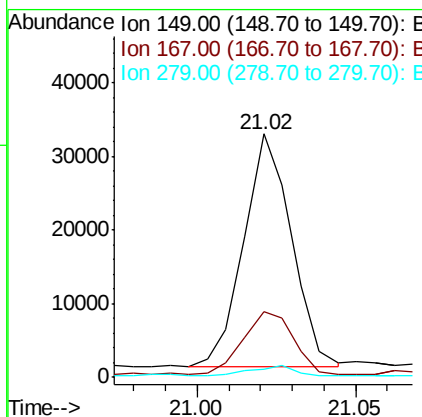
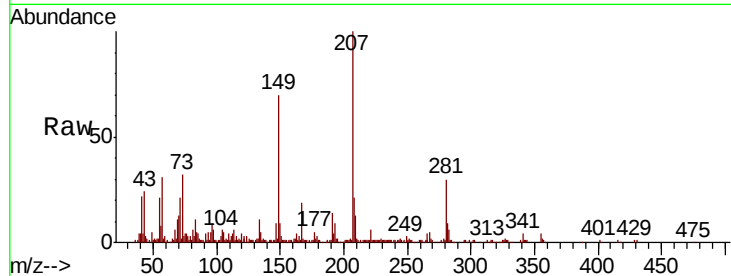
ClientSampleId :

CB7E1

Tot Ion:	149	Resp:	33059
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.7	32.5
279	3.2	3.7	5.5#

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#85

Chrysene

Concen: 2.640 ng/ul

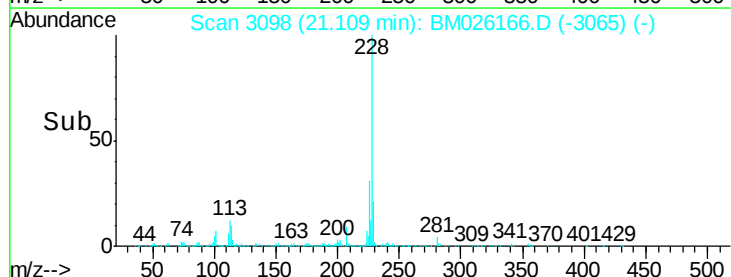
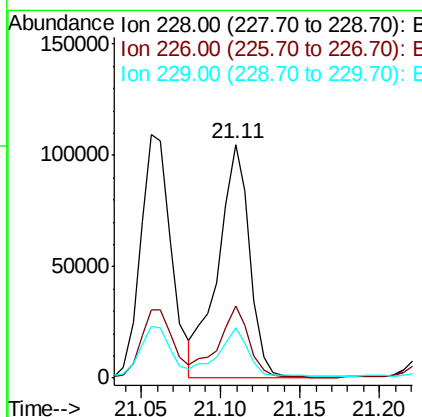
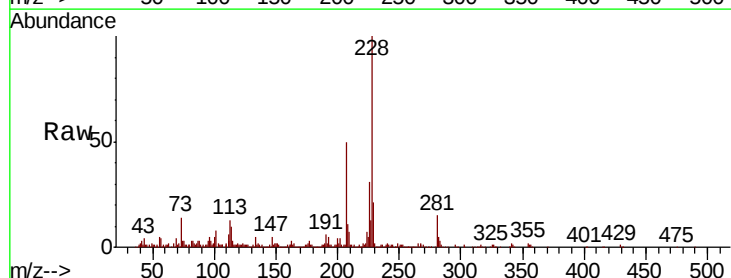
RT: 21.11 min Scan# 3098

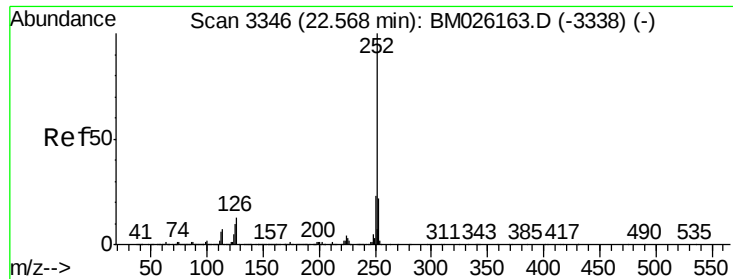
Delta R.T. -0.01 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

Tgt Ion:	228	Resp:	144439
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.0	34.6
229	21.4	15.5	23.3





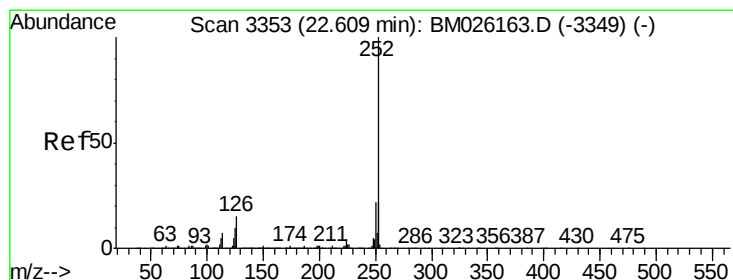
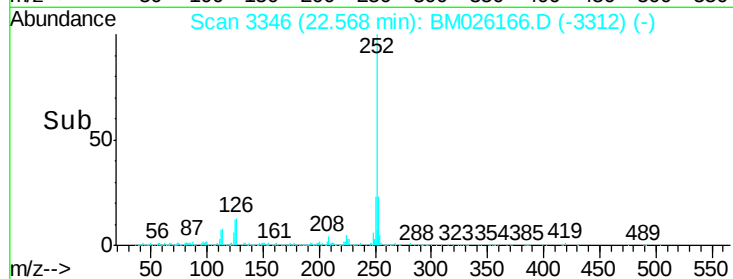
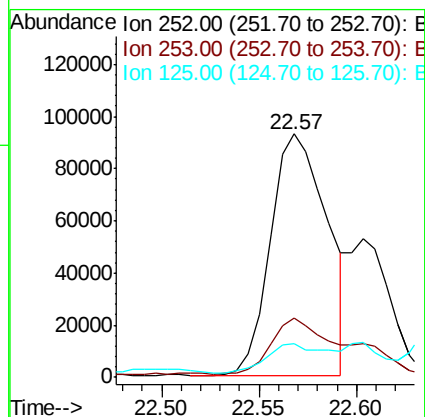
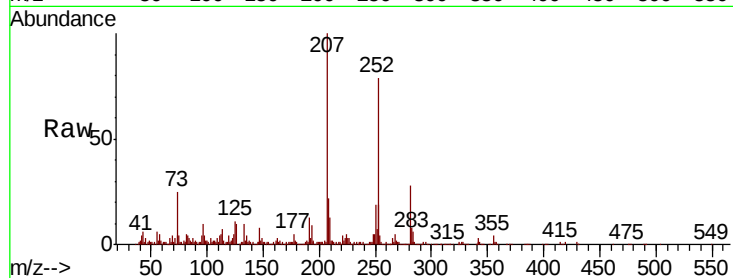
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Benzo(b)fluoranthene
Concen: 3.323 ng/ul
RT: 22.57 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BM026166.D
Acq: 28 May 2020 21:41

Instrument :
BNA_M
ClientSampleId :
CB7E1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	14.0	8.9	13.3

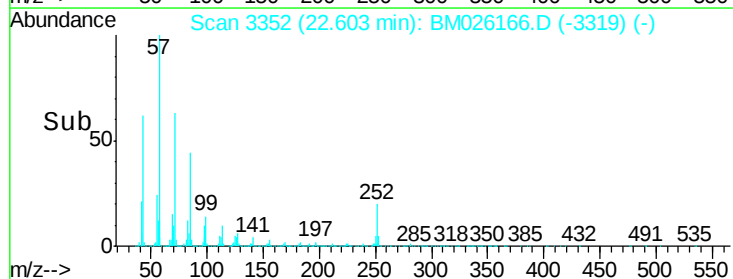
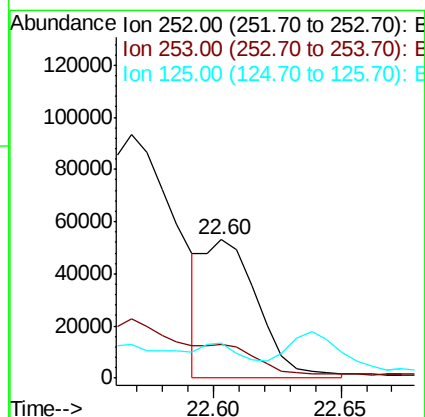
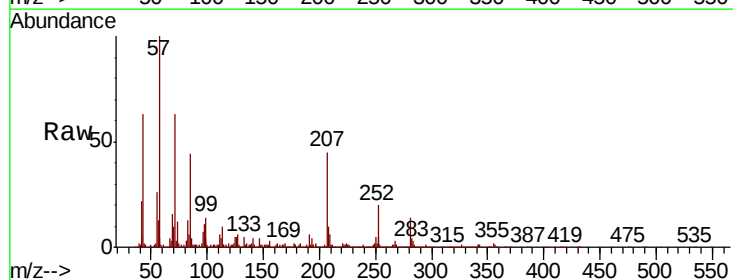
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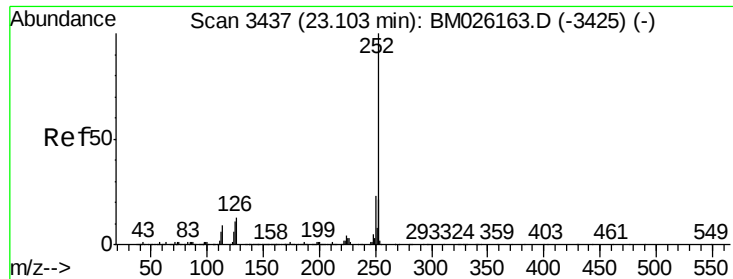
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#89
Benzo(k)fluoranthene
Concen: 1.406 ng/ul m
RT: 22.60 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM026166.D
Acq: 28 May 2020 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.4
125	25.3	8.6	13.0





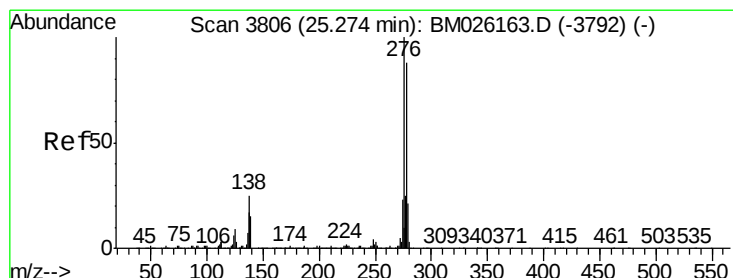
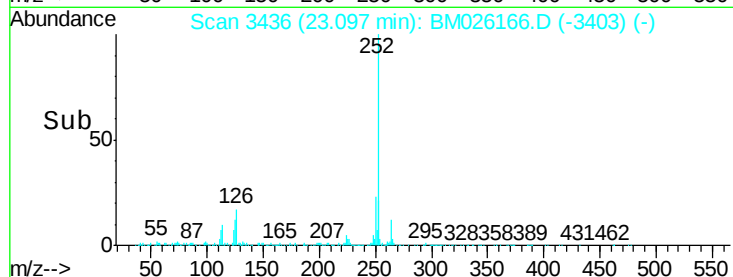
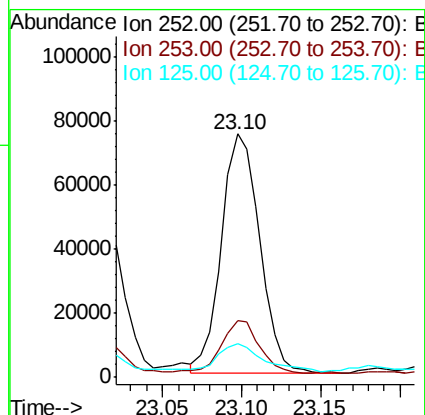
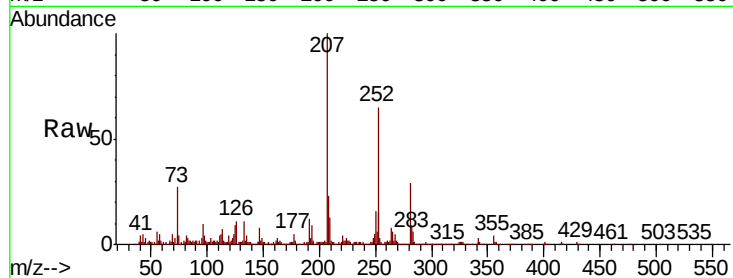
#91
Benzo(a)pyrene
Concen: 2.541 ng/ul
RT: 23.10 min Scan# 3436
Delta R.T. -0.01 min
Lab File: BM026166.D
Acq: 28 May 2020 21:41

Instrument :
BNA_M
ClientSampleID :
CB7E1

Tot Ion	Ratio	Resp	Lower	Upper
252	100	125693		
253	23.4	17.6	26.4	
125	13.8	9.8	14.6	

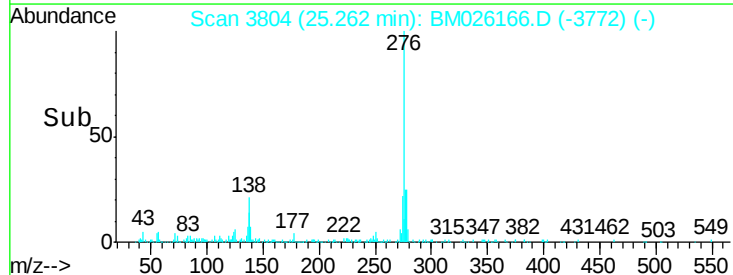
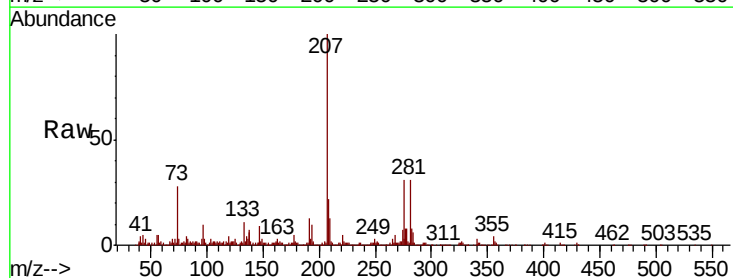
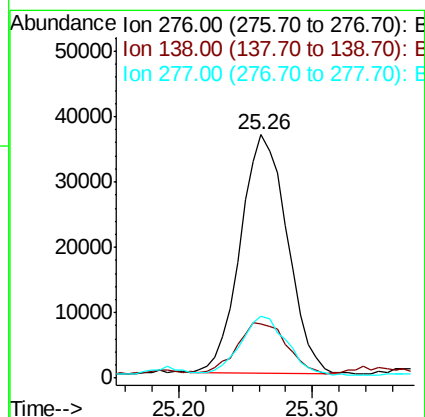
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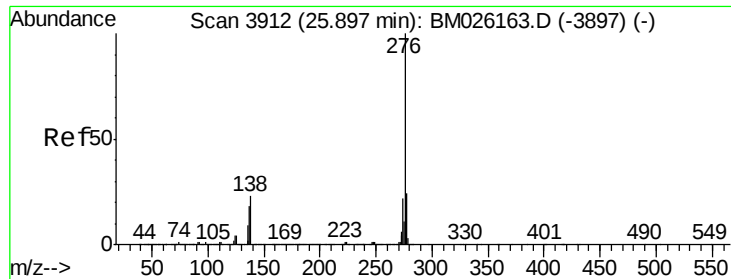
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.389 ng/ul
RT: 25.26 min Scan# 3804
Delta R.T. -0.01 min
Lab File: BM026166.D
Acq: 28 May 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	89175		
138	22.1	21.6	32.4	
277	25.6	20.3	30.5	





#94

Benzo(a,h,i)perylene

Concen: 1.001 ng/ul

RT: 25.89 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

Instrument :

BNA_M

ClientSampleId :

CB7E1

Tot Ion:	276	Resp:	53635
Ion Ratio	Lower	Upper	
276	100		
138	22.1	18.7	28.1
277	25.3	18.8	28.2

Manual Integrations
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