

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026997.D
 Acq On : 04 Aug 2020 10:20
 Operator : JU/CG
 Sample : L3424-15DL 25X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S90DL

Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:26:44 AM

Quant Time: Aug 04 12:38:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 10:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	90716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	357901	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	212761	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	437695	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	437294	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	436657	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	387	0.19	ng/uL	0.01
5) Phenol-d5	6.84	99	6052	0.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	4818	0.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	5980	1.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5867	0.96	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	2890	1.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	2473	0.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	5479	0.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	2232	0.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	18138	1.09	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	21105	0.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	1909	0.68	ng/ul	0.00
58) Fluorene-d10	15.29	176	14760	1.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1423	0.73	ng/ul	0.00
71) Anthracene-d10	17.13	188	25609m	1.17	ng/ul	0.00
79) Pyrene-d10	19.43	212	26245	1.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	26644	1.08	ng/ul	0.00

Target Compounds

					Ovalue
48) Acenaphthylene	14.01	152	59130	2.741	ng/ul 98
70) Phenanthrene	17.07	178	72998	2.748	ng/ul 99
72) Anthracene	17.16	178	128699	4.713	ng/ul 99
77) Fluoranthene	19.09	202	409542	13.055	ng/ul 99
80) Pyrene	19.46	202	505279	15.882	ng/ul 97
83) Benzo(a)anthracene	21.20	228	255503	8.477	ng/ul 95
85) Chrysene	21.26	228	359373	12.226	ng/ul 96
88) Benzo(b)fluoranthene	22.77	252	880279	28.181	ng/ul 98
89) Benzo(k)fluoranthene	22.80	252	309769m	10.335	ng/ul
91) Benzo(a)pyrene	23.33	252	253504	8.994	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.63	276	354663	10.143	ng/ul 97
93) Dibenzo(a,h)anthracene	25.63	278	87915m	2.973	ng/ul
94) Benzo(g,h,i)perylene	26.30	276	91682	3.171	ng/ul 97

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

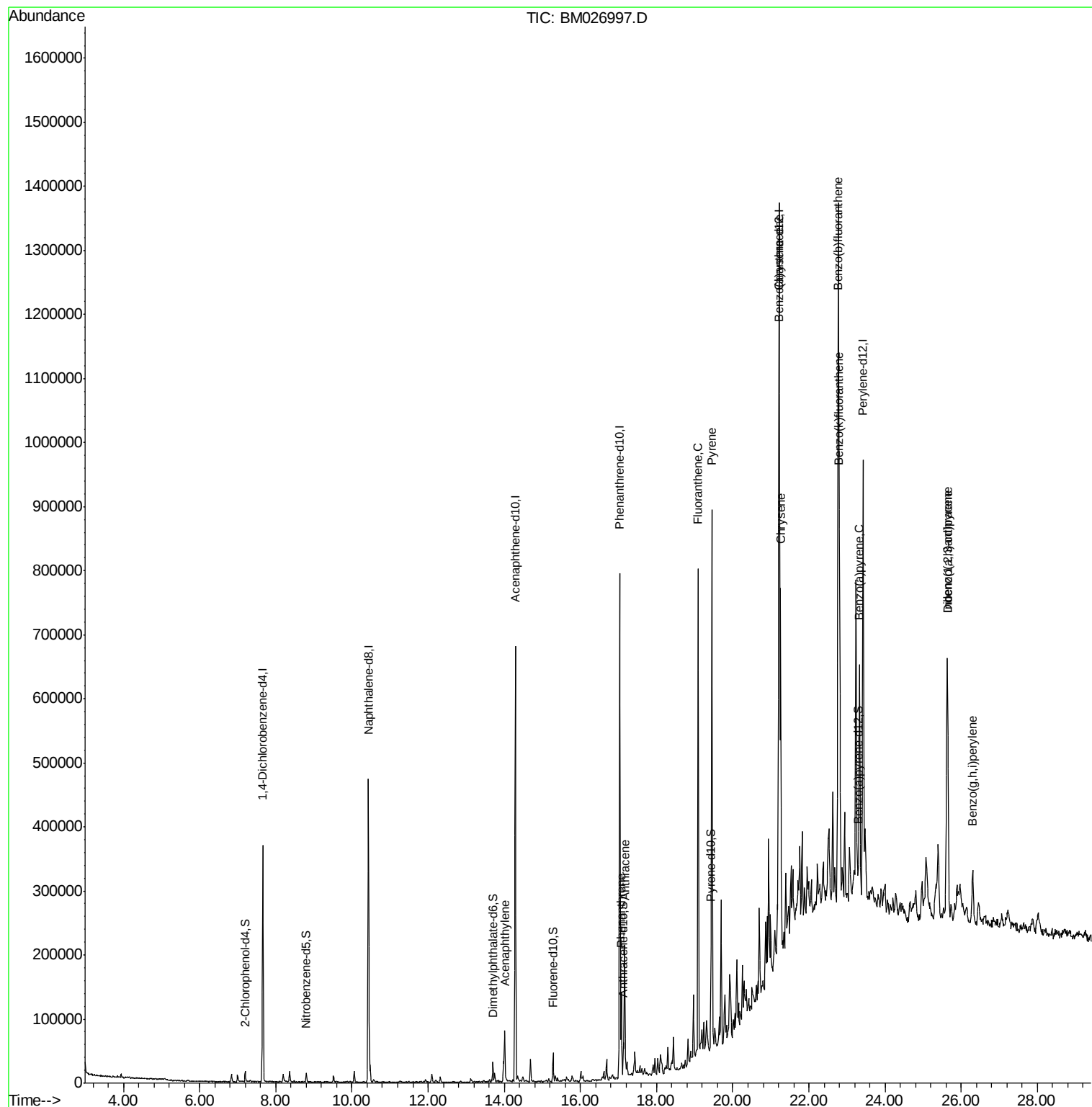
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026997.D
Acq On : 04 Aug 2020 10:20
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ALS Vial : 24 Sample Multiplier: 1

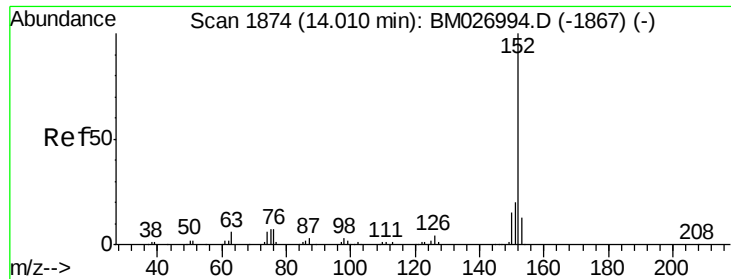
Instrument :
BNA_M
ClientSampleId :
C0S90DL

Manual Integrations
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Quant Time: Aug 04 12:38:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
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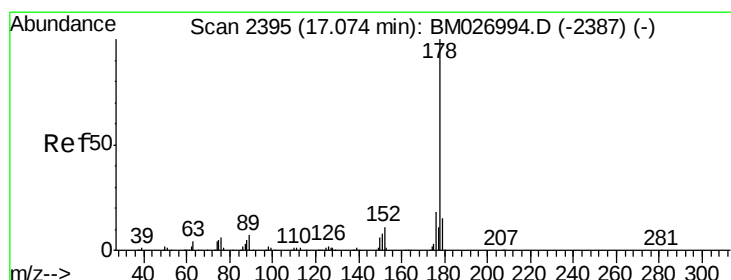
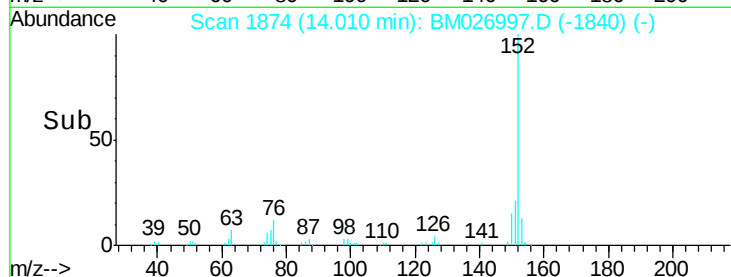
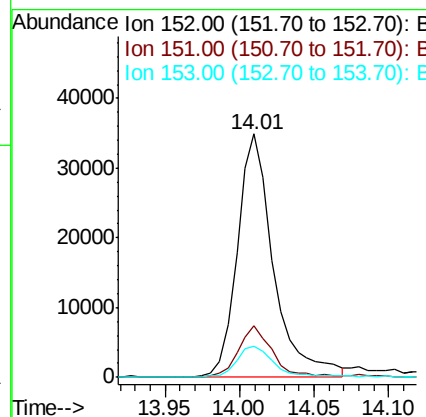
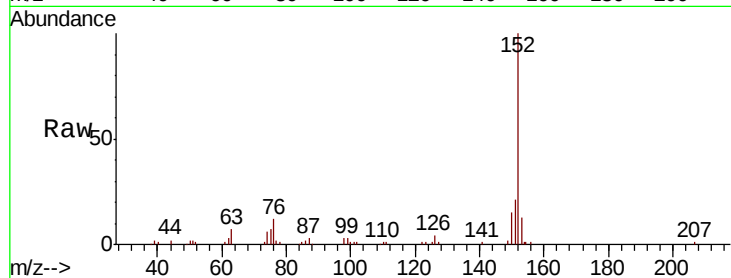
#48
Acenaphthylene
Concen: 2.741 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM026997.D
Acq: 04 Aug 2020 10:20

Instrument :
BNA_M
ClientSampleId :
C0S90DL

Tot Ion	Ratio	Resp	Lower	Upper
152	100	59130		
151	21.1		15.8	23.6
153	12.9		10.7	16.1

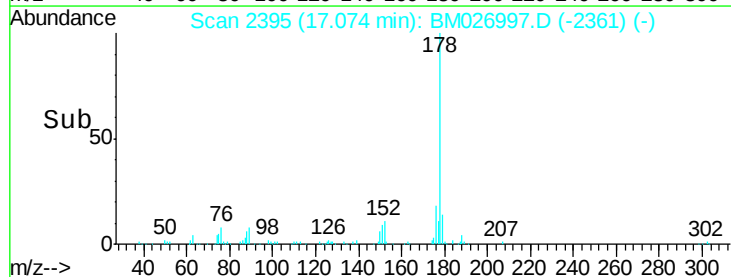
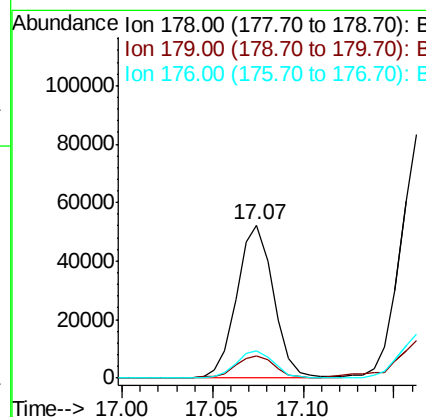
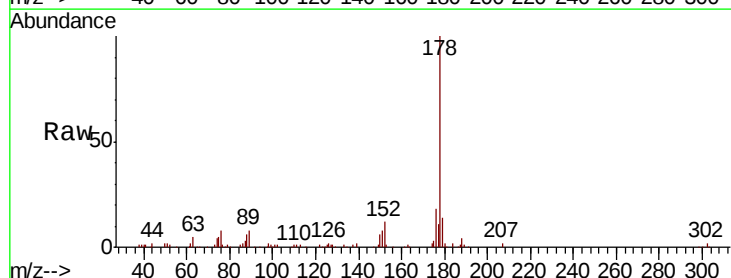
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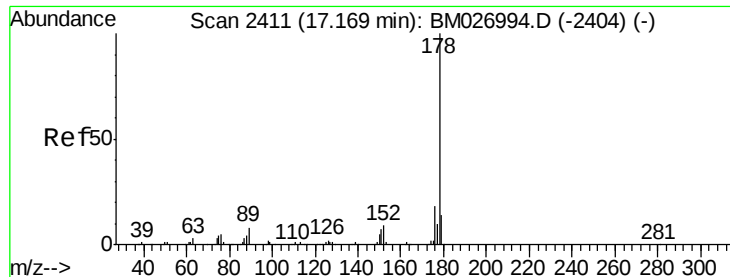
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#70
Phenanthrene
Concen: 2.748 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM026997.D
Acq: 04 Aug 2020 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	72998		
179	14.3		12.0	18.0
176	18.0		14.7	22.1





#72

Anthracene

Concen: 4.713 ng/ul

RT: 17.16 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM026997.D

Acq: 04 Aug 2020 10:20

Instrument :

BNA_M

ClientSampleId :

C0S90DL

Tot Ion:178 Resp: 128699

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.6

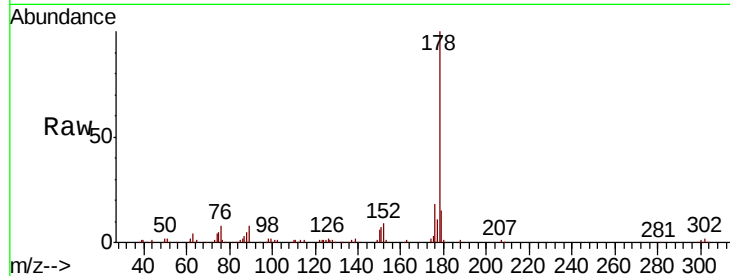
176 18.1 15.0 22.6

Manual Integrations

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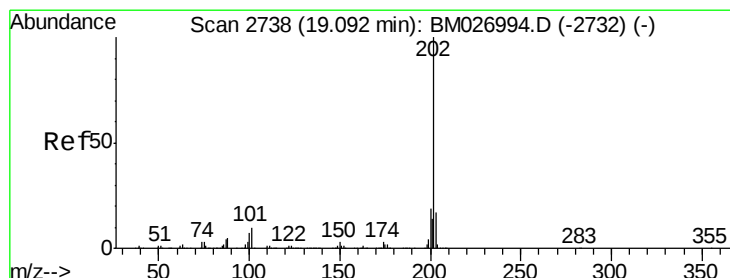
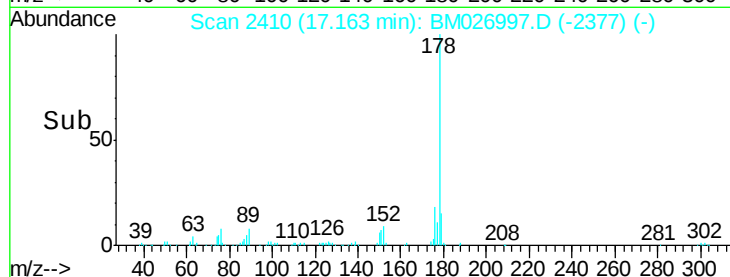
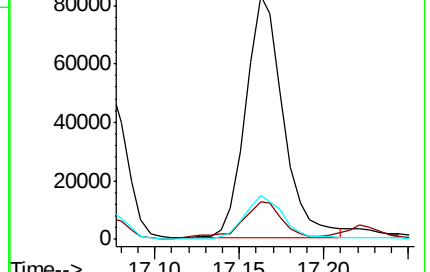
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 13.055 ng/ul

RT: 19.09 min Scan# 2738

Delta R.T. -0.00 min

Lab File: BM026997.D

Acq: 04 Aug 2020 10:20

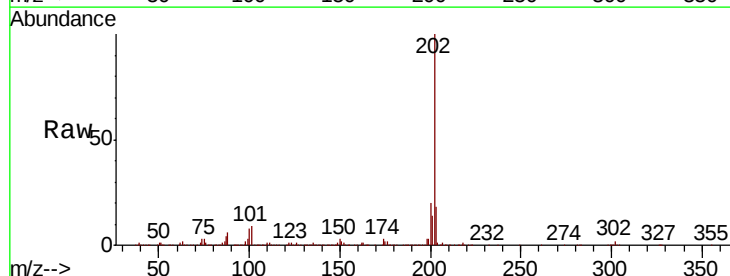
Tgt Ion:202 Resp: 409542

Ion Ratio Lower Upper

202 100

101 9.2 7.7 11.5

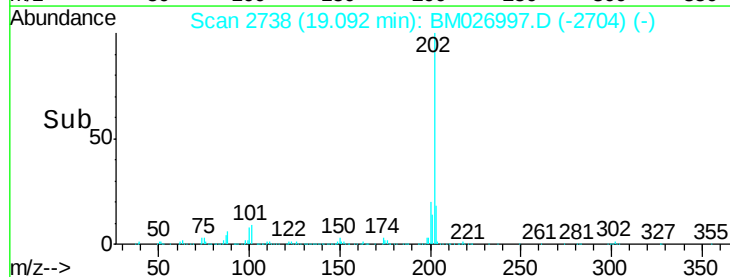
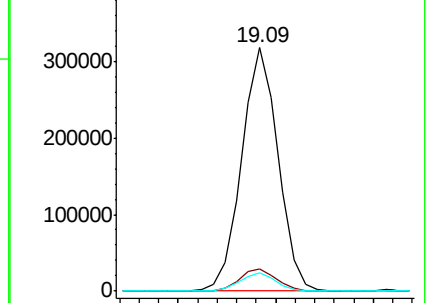
100 7.7 6.2 9.4

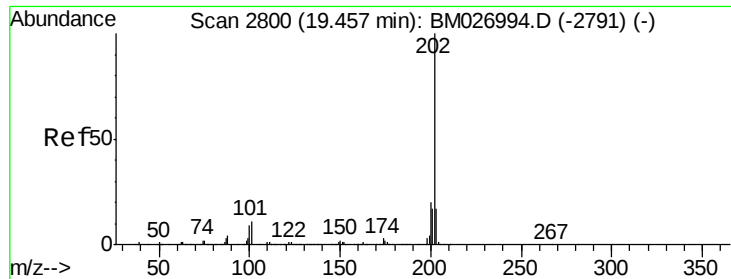


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





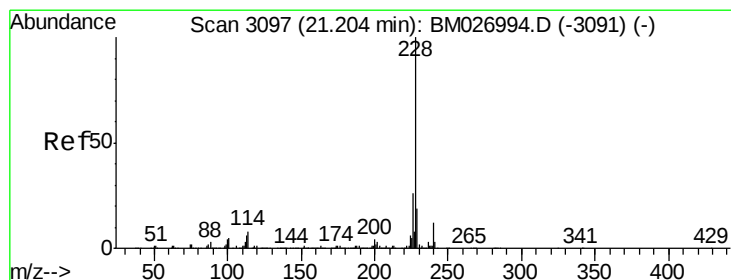
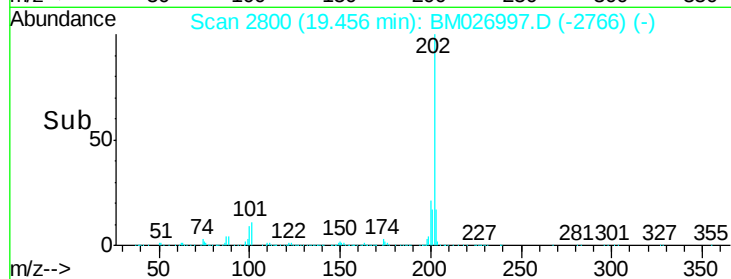
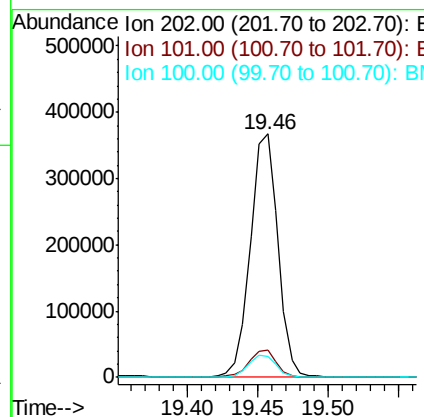
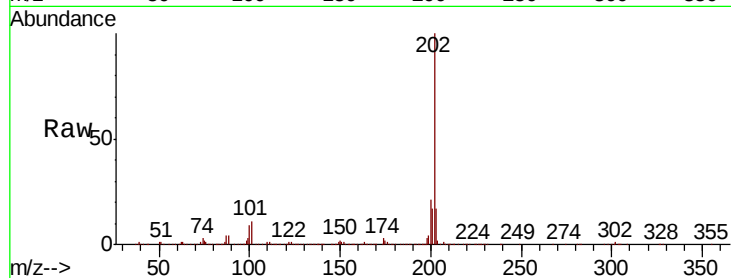
#80
Pvrene
Concen: 15.882 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BM026997.D
Acq: 04 Aug 2020 10:20

Instrument :
BNA_M
ClientSampleId :
C0S90DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	9.4	14.2
100	8.6	8.2	12.4

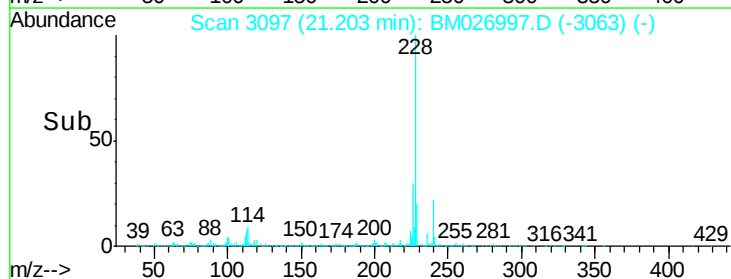
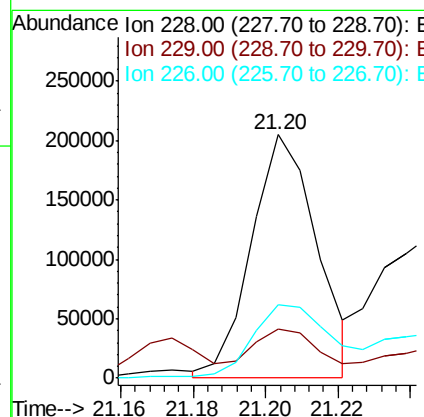
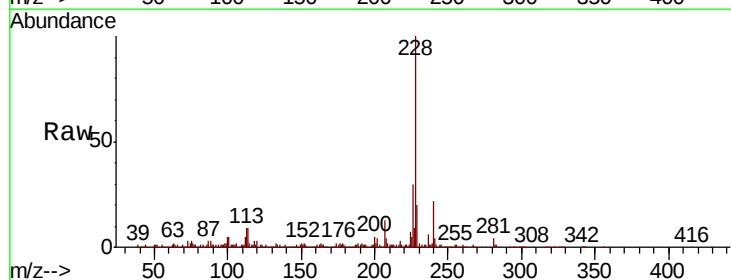
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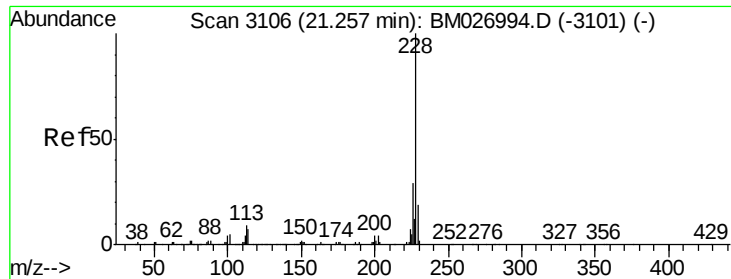
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#83
Benzo(a)anthracene
Concen: 8.477 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM026997.D
Acq: 04 Aug 2020 10:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	15.4	23.2
226	30.0	20.9	31.3





#85

Chrysene

Concen: 12.226 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BM026997.D

Acq: 04 Aug 2020 10:20

Instrument :

BNA_M

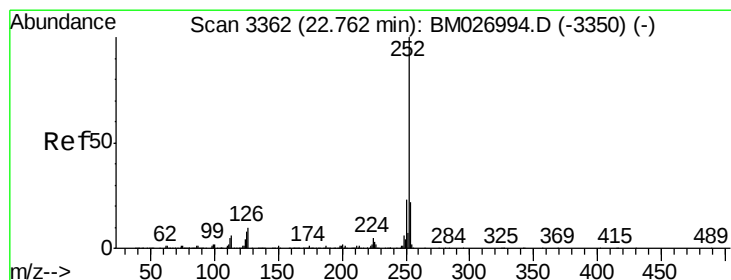
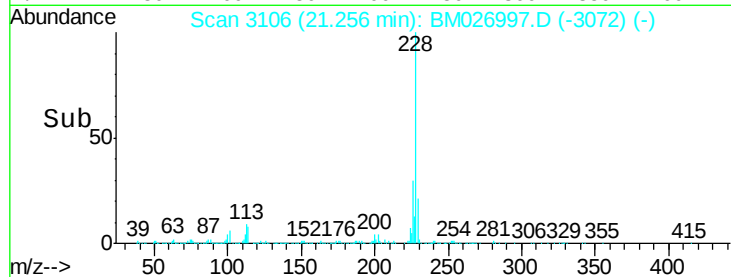
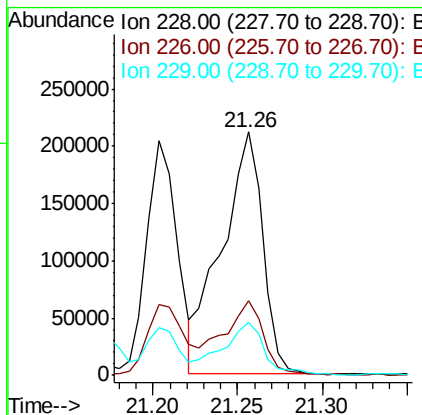
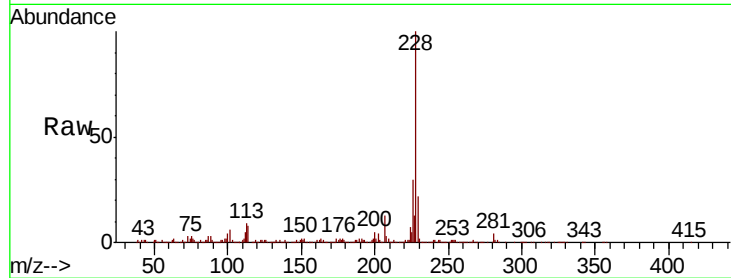
ClientSampleID :

C0S90DL

Tot Ion:	228	Resp:	359373
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.2	34.8
229	21.7	15.5	23.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 28.181 ng/ul

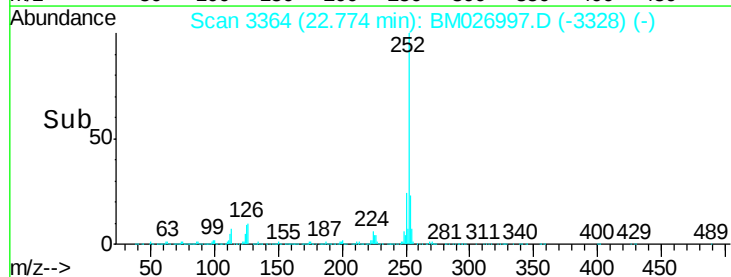
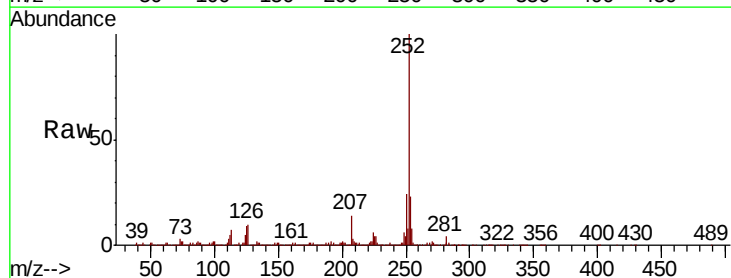
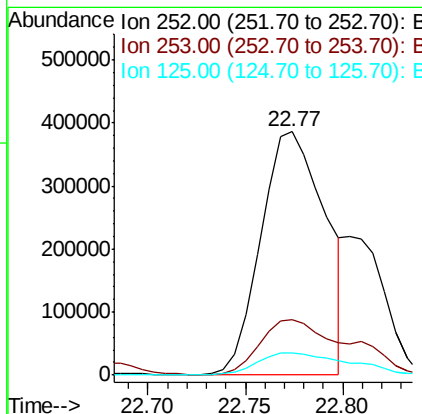
RT: 22.77 min Scan# 3364

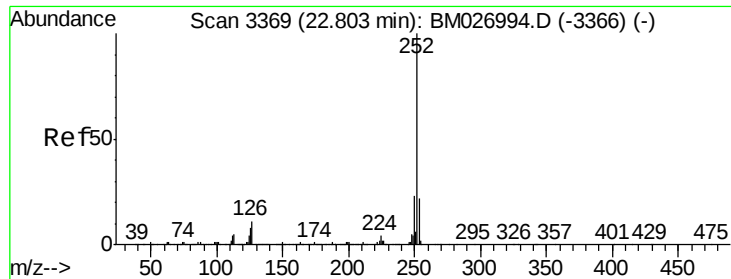
Delta R.T. 0.01 min

Lab File: BM026997.D

Acq: 04 Aug 2020 10:20

Tgt Ion:	252	Resp:	880279
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.6	26.4
125	9.1	6.6	10.0





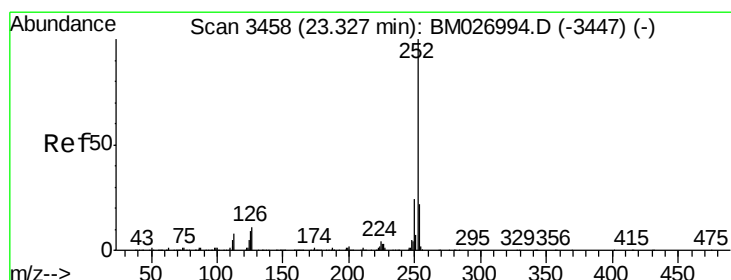
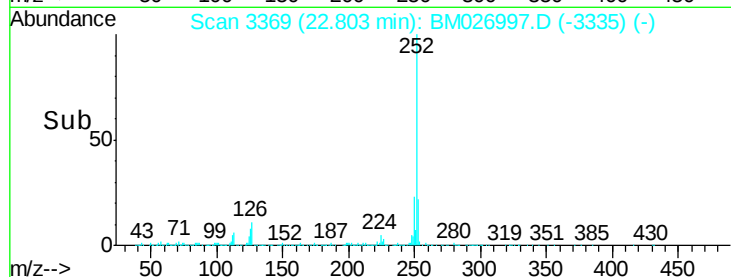
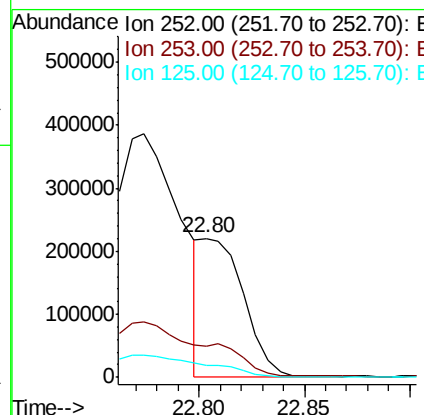
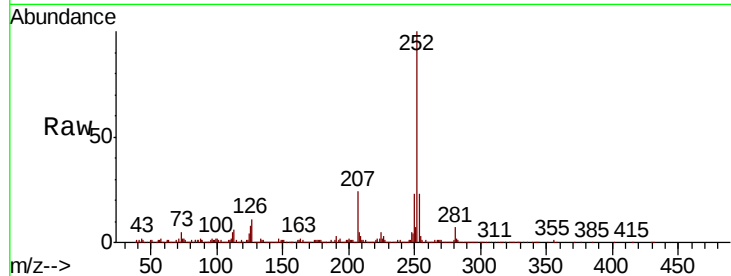
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Benzo(k)fluoranthene
Concen: 10.335 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BM026997.D
Acq: 04 Aug 2020 10:20

Instrument :
BNA_M
ClientSampleId :
C0S90DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	309769		
253	22.5		17.4	26.2
125	8.3		7.3	10.9

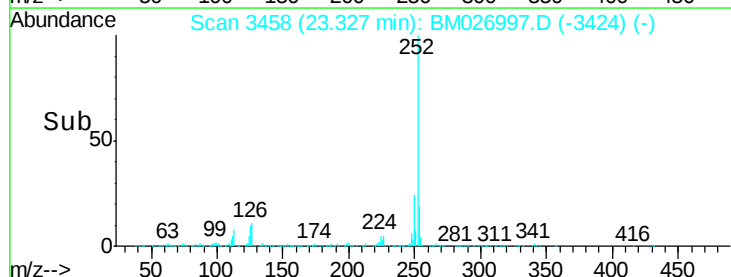
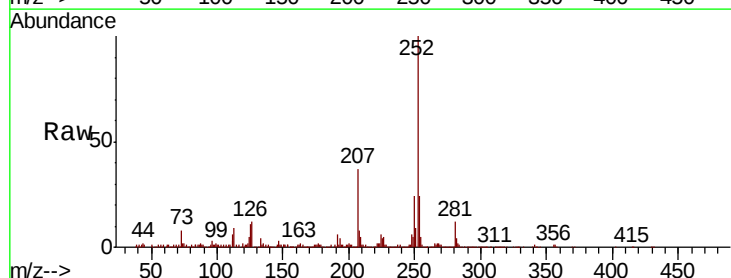
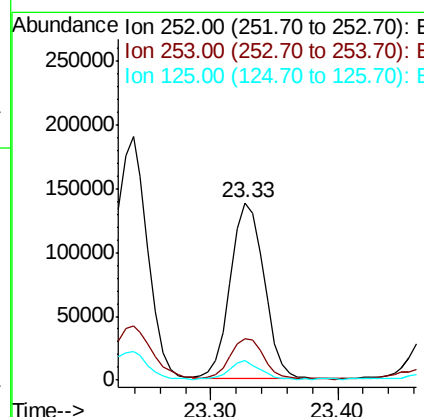
Manual Integrations
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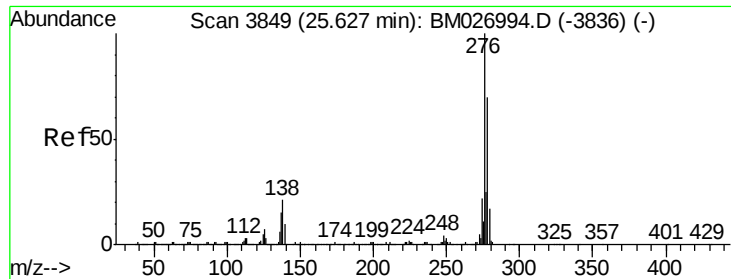
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#91
Benzo(a)pyrene
Concen: 8.994 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. -0.00 min
Lab File: BM026997.D
Acq: 04 Aug 2020 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	253504		
253	23.6		17.7	26.5
125	10.7		8.2	12.2





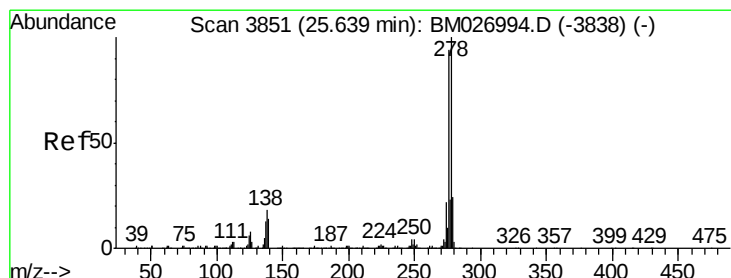
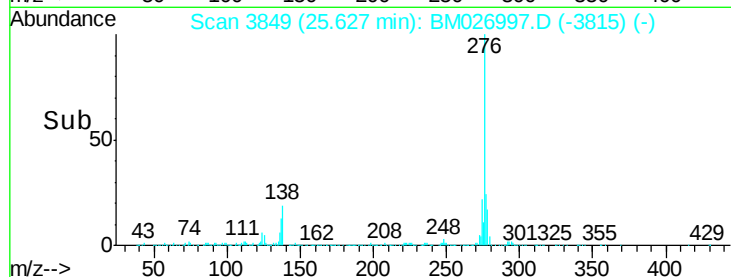
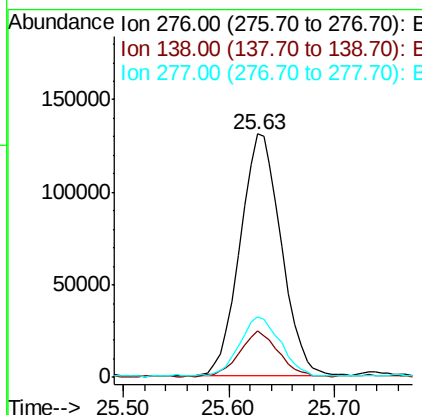
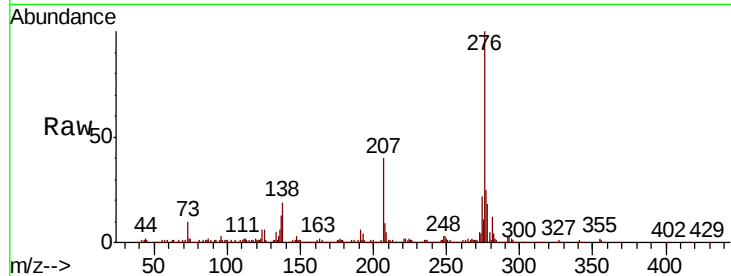
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Indeno(1,2,3-cd)pyrene
Concen: 10.143 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. -0.00 min
Lab File: BM026997.D
Acq: 04 Aug 2020 10:20

Instrument :
BNA_M
ClientSampleId :
C0S90DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	17.0	25.4
277	24.7	20.6	30.8

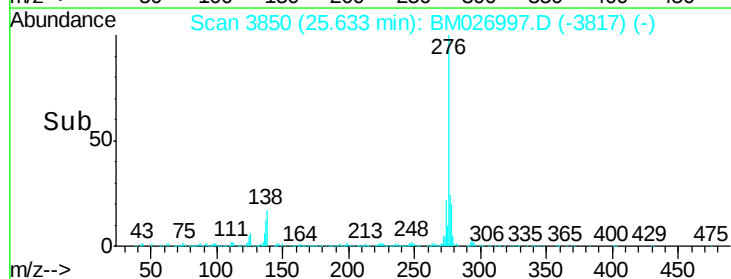
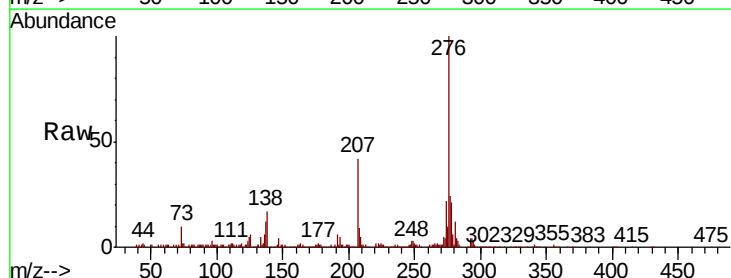
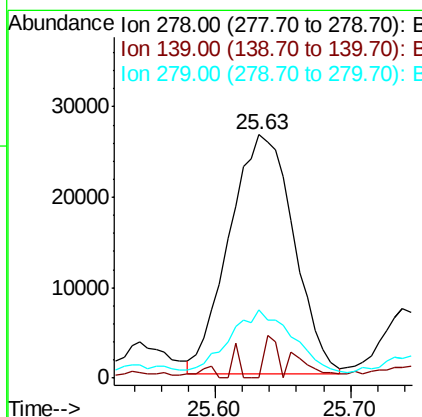
Manual Integrations
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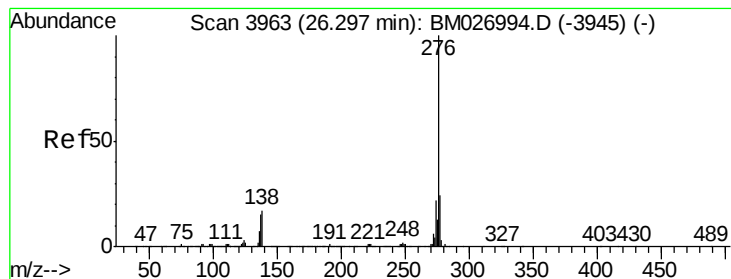
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8/5/2020 10:26:44 AM



#93
Dibenzo(a,h)anthracene
Concen: 2.973 ng/ul m
RT: 25.63 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BM026997.D
Acq: 04 Aug 2020 10:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	28.0	19.4	29.2





#94

Benzo(a,h,i)perylene

Concen: 3.171 ng/ul

RT: 26.30 min Scan# 3964

Delta R.T. 0.01 min

Lab File: BM026997.D

Acq: 04 Aug 2020 10:20

Instrument :

BNA_M

ClientSampleId :

C0S90DL

Tot Ion:	276	Resp:	91682
Ion Ratio	Lower	Upper	
276	100		
138	18.8	14.9	22.3
277	26.6	19.1	28.7

Manual Integrations
APPROVED

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8/5/2020 10:26:44 AM

