Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049286.D
Acq On : 28 Dec 2024 10:57
Operator : RC/JU
Sample : P5351-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2924

Quant Time: Dec 29 21:56:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	5906	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	18826	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.177	164	11105	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	1364263	0.400	ng/ul	0.09
17) Chrysene-d12	21.383	240	97	0.400	ng/ul	# 0.25
23) Perylene-d12	23.540	264	823	0.400	ng/ul	# 0.25
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	25572	3.754	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.897	152	6655	0.263	ng/ul	-0.01
18) Fluoranthene-d10	19.331	212	1445136	5250.943	ng/ul	0.36
Target Compounds						Qvalue
5) Naphthalene	10.347	128	1647	0.035	ng/ul#	80
7) 2-Methylnaphthalene	11.974	142	983	0.033	ng/ul	99
8) 1-Methylnaphthalene	12.194	142	1195	0.039	ng/ul	97
10) Acenaphthylene	13.895	152	1170	0.025	ng/ul#	70
11) Acenaphthene	14.237	153	1910	0.057	ng/ul	97
12) Fluorene	15.232	166	2501	0.066	ng/ul#	97
19) Fluoranthene	19.359	202	92615	264.074	ng/ul	99
20) Pyrene	19.605	202	372	0.995	ng/ul#	36
21) Benzo(a)anthracene	21.283	228	4318	12.797	ng/ul#	47
22) Chrysene	21.426	228	15	0.041	ng/ul#	1
24) Benzo(b)fluoranthene	22.806	252	9911	3.769	ng/ul	75
25) Benzo(k)fluoranthene	23.019	252	851	0.295	ng/ul#	1
26) Benzo(a)pyrene	23.326	252	5532	2.194	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	25.662	276	2033	0.570	ng/ul#	66
28) Dibenzo(a,h)anthracene	25.749	278	7956	2.869	ng/ul#	76
29) Benzo(g,h,i)perylene	26.403	276	1640	0.571	ng/ul#	30

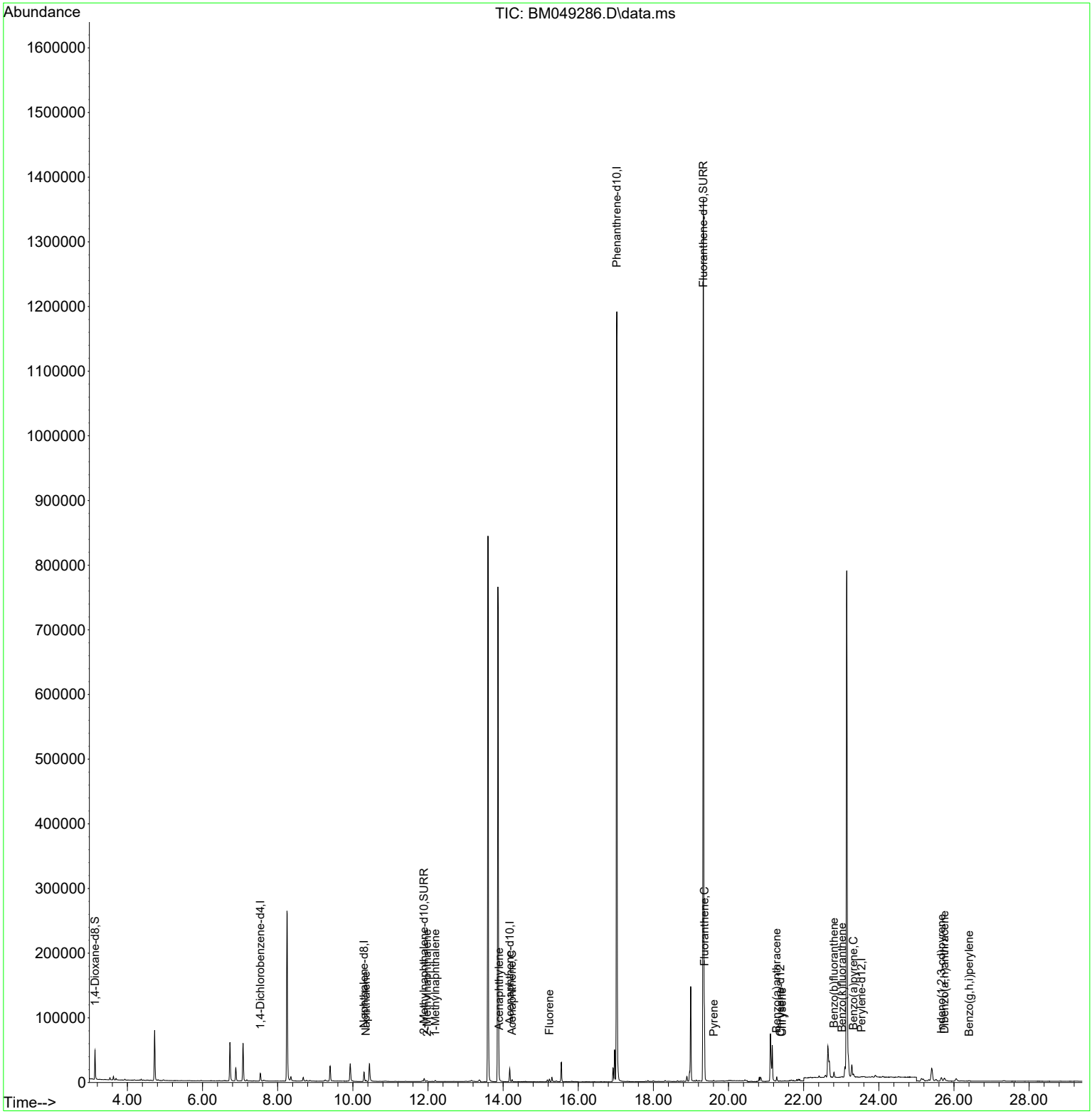
(#) = qualifier out of range (m) = manual integration (+) = signals summed

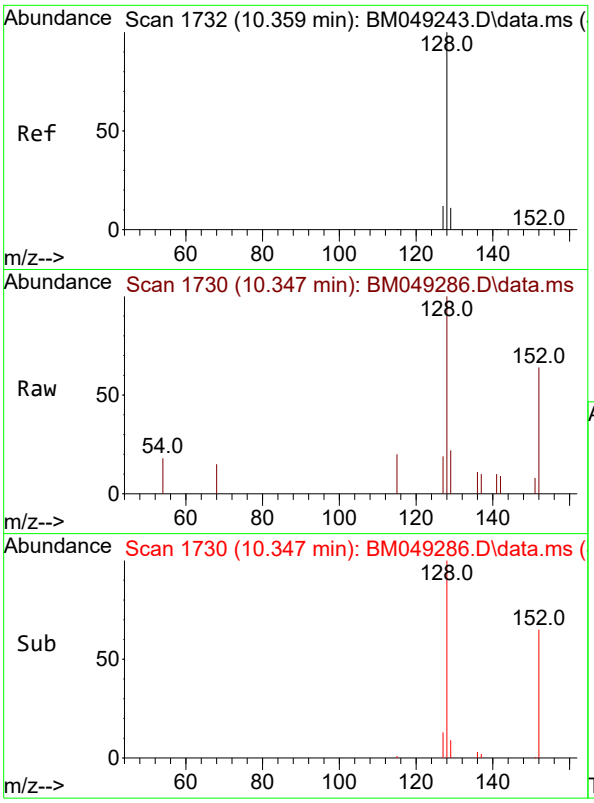
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049286.D
Acq On : 28 Dec 2024 10:57
Operator : RC/JU
Sample : P5351-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2924

Quant Time: Dec 29 21:56:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration



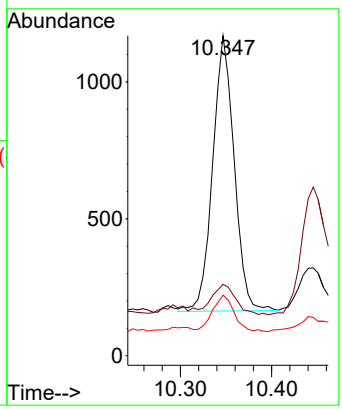


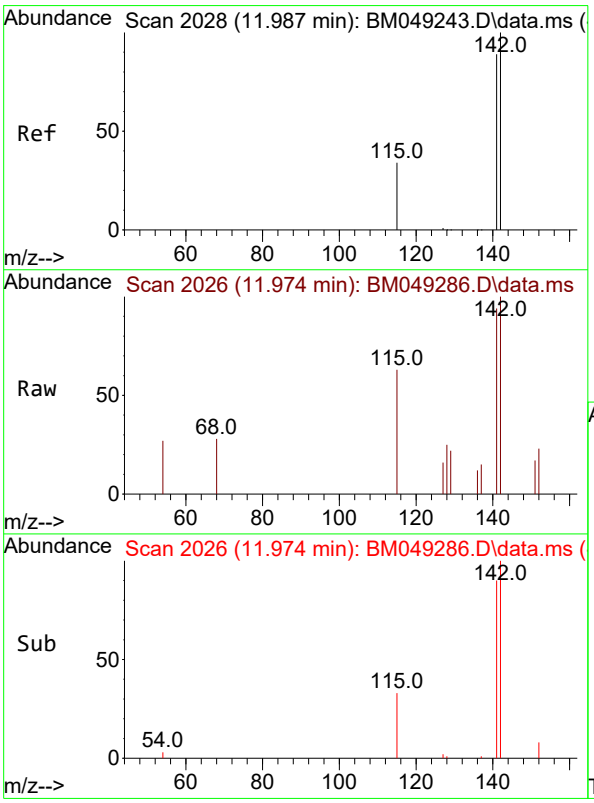
#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.347 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Instrument :
BNA_M
ClientSampleId :
E2924

Tgt Ion:128 Resp: 1647

Ion	Ratio	Lower	Upper
128	100		
129	22.3	9.7	14.5#
127	18.9	10.6	16.0#

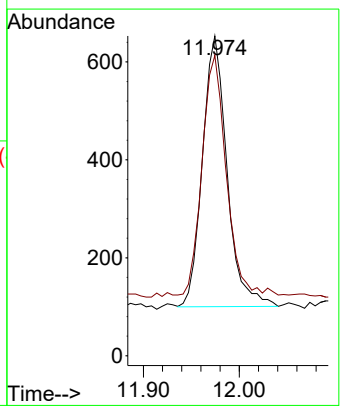


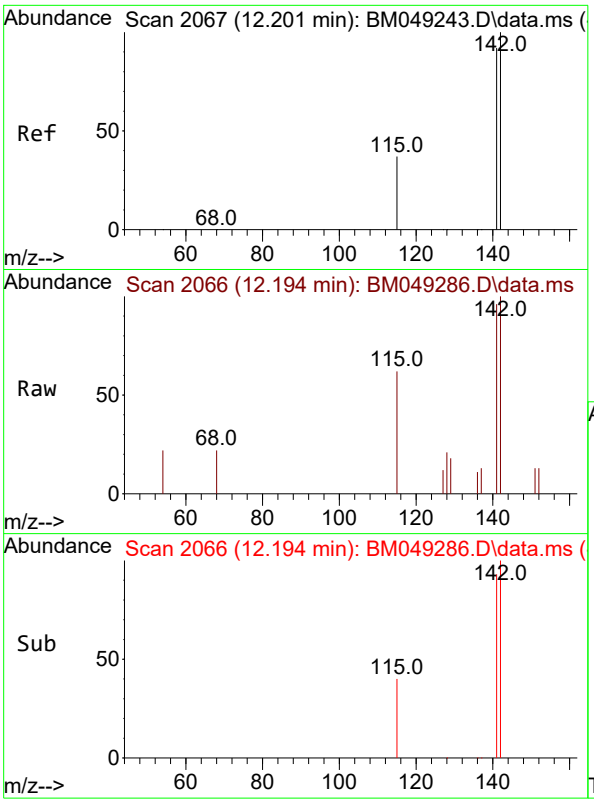


#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 11.974 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Tgt Ion:142 Resp: 983

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.7	107.5



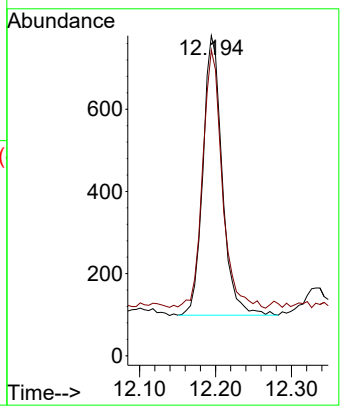


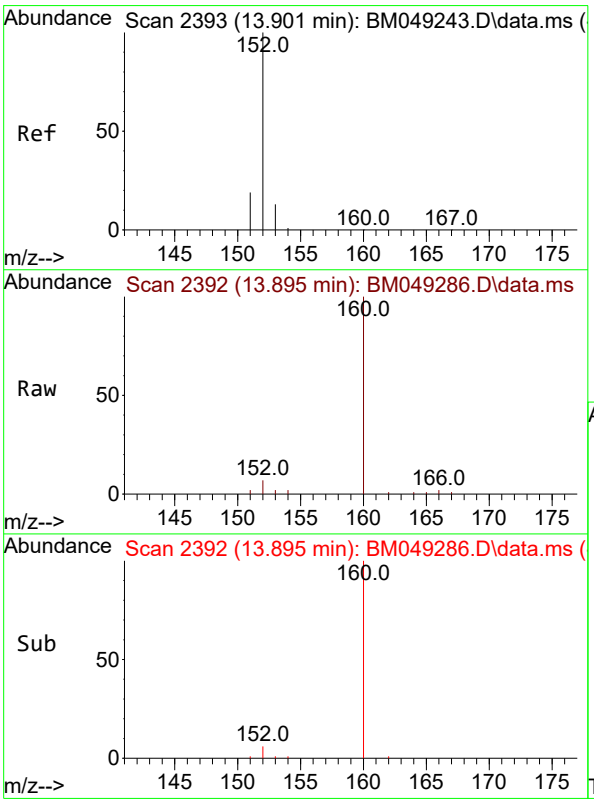
#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.194 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Instrument :
BNA_M
ClientSampleId :
E2924

Tgt Ion:142 Resp: 1195

Ion	Ratio	Lower	Upper
142	100		
141	94.1	72.7	109.1

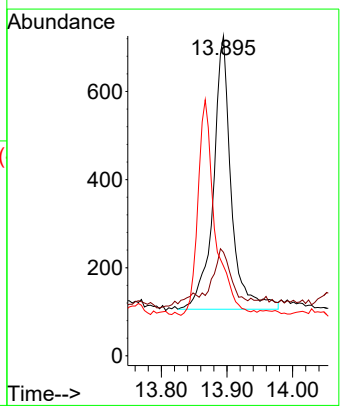


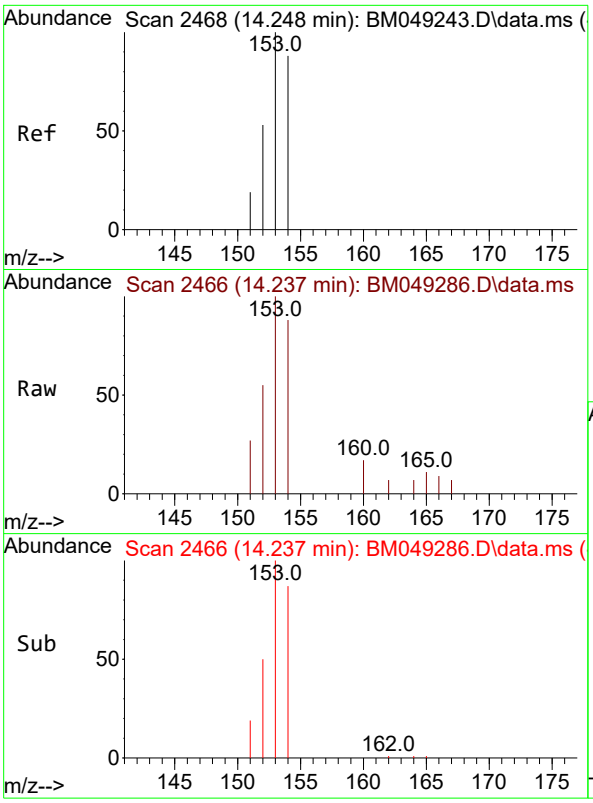


#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.895 min Scan# 2392
Delta R.T. -0.005 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Tgt Ion:152 Resp: 1170

Ion	Ratio	Lower	Upper
152	100		
151	32.4	16.0	24.0#
153	28.1	11.0	16.6#



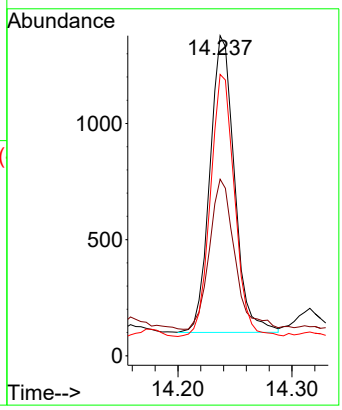


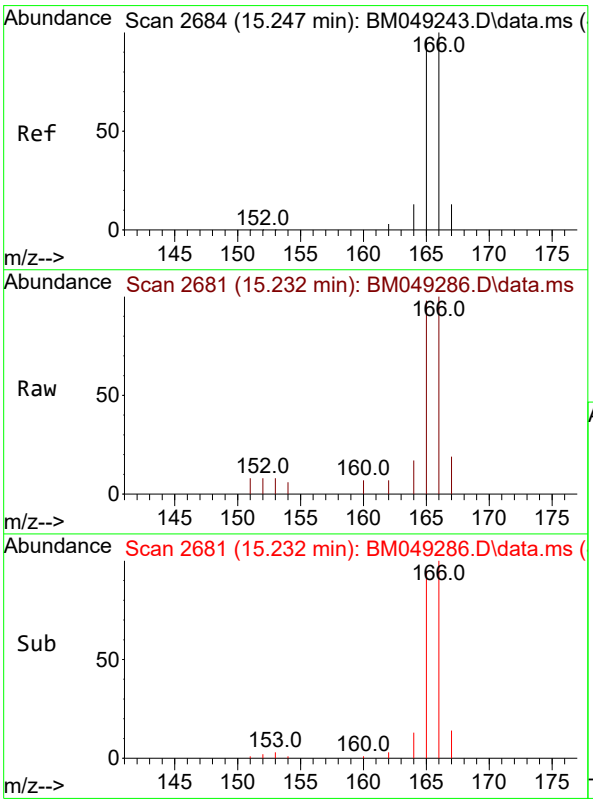
#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.237 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Instrument :
BNA_M
ClientSampleId :
E2924

Tgt Ion:153 Resp: 1910

Ion	Ratio	Lower	Upper
153	100		
152	55.2	40.7	61.1
154	87.9	70.8	106.2

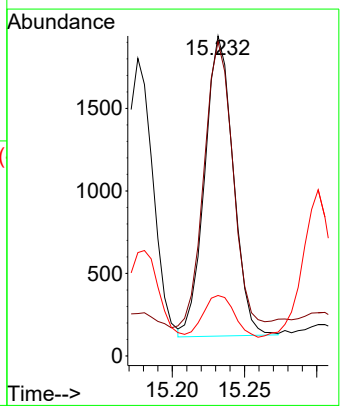


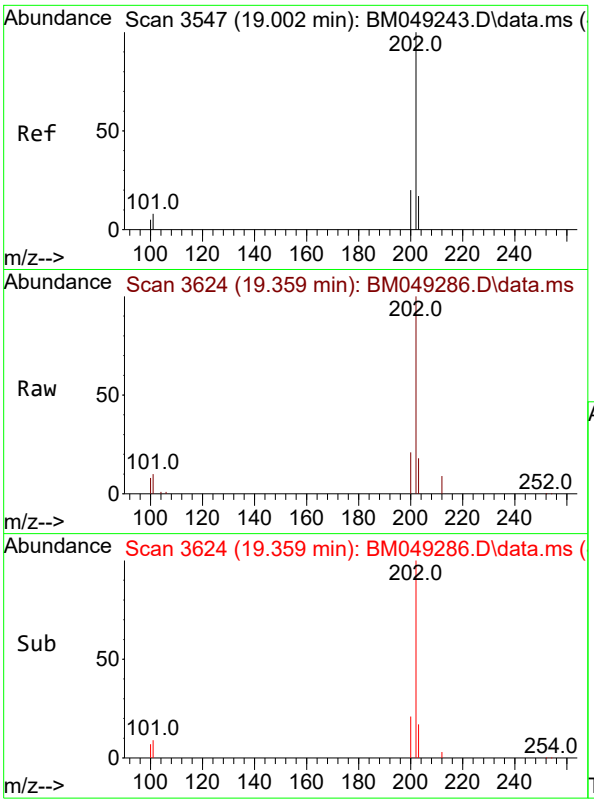


#12
Fluorene
Concen: 0.066 ng/ul
RT: 15.232 min Scan# 2681
Delta R.T. -0.009 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Tgt Ion:166 Resp: 2501

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.7	119.5
167	18.9	11.4	17.0#



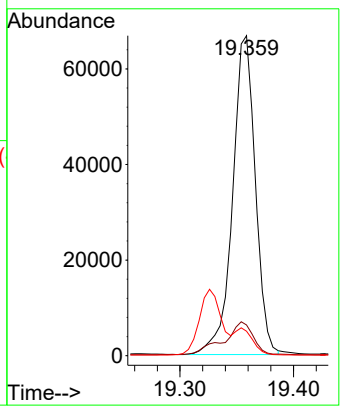


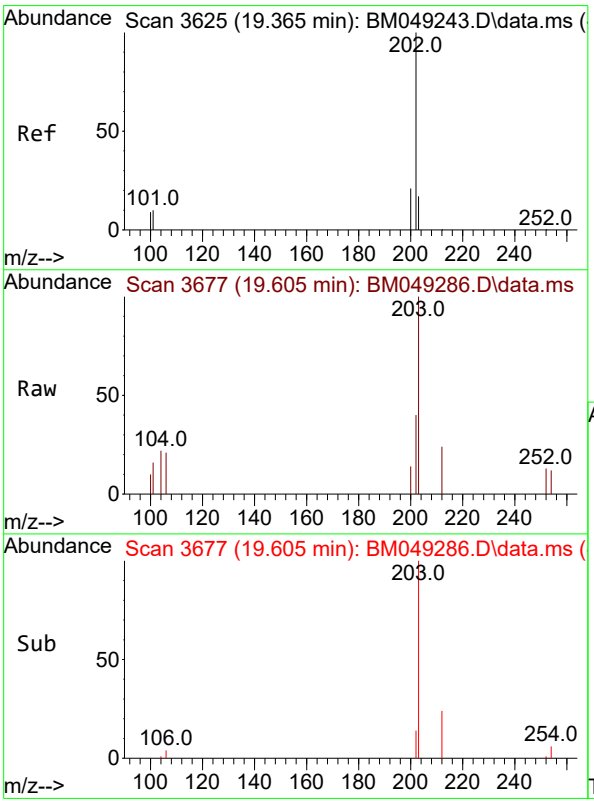
#19
Fluoranthene
Concen: 264.074 ng/ul
RT: 19.359 min Scan# 3
Delta R.T. 0.358 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Instrument :
BNA_M
ClientSampleId :
E2924

Tgt Ion:202 Resp: 92615

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.6	11.4
100	7.7	5.5	8.3

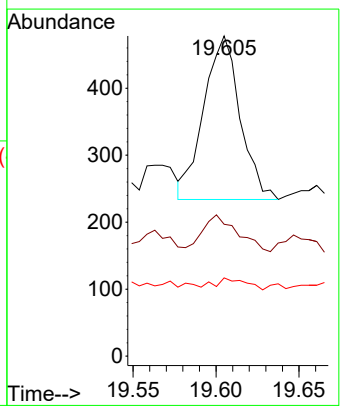


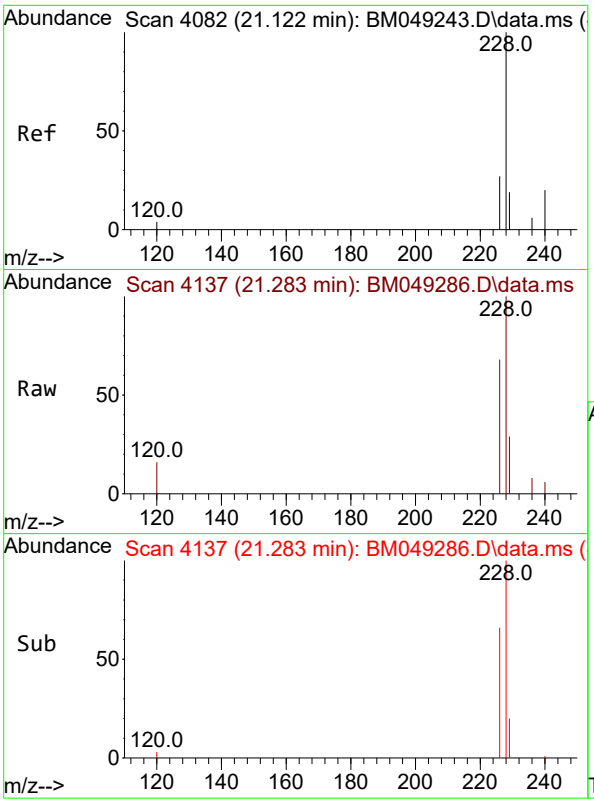


#20
Pyrene
Concen: 0.995 ng/ul
RT: 19.605 min Scan# 3677
Delta R.T. 0.242 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Tgt Ion:202 Resp: 372

Ion	Ratio	Lower	Upper
202	100		
101	41.2	8.9	13.3#
100	24.5	6.9	10.3#



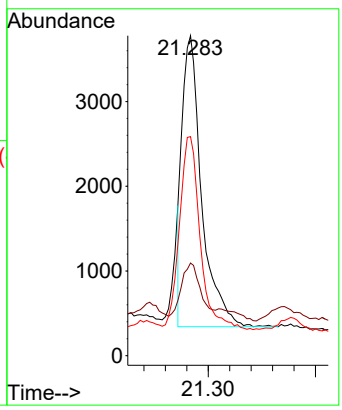


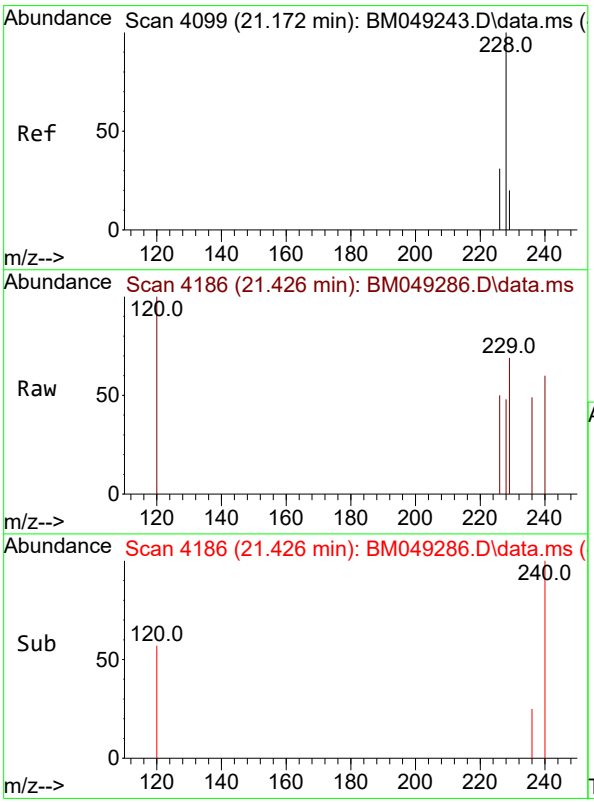
#21
Benzo(a)anthracene
Concen: 12.797 ng/ul
RT: 21.283 min Scan# 4
Delta R.T. 0.164 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Instrument :
BNA_M
ClientSampleId :
E2924

Tgt Ion:228 Resp: 4318

Ion	Ratio	Lower	Upper
228	100		
229	28.9	15.9	23.9#
226	68.4	22.6	34.0#

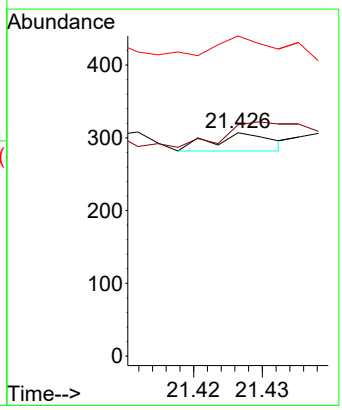


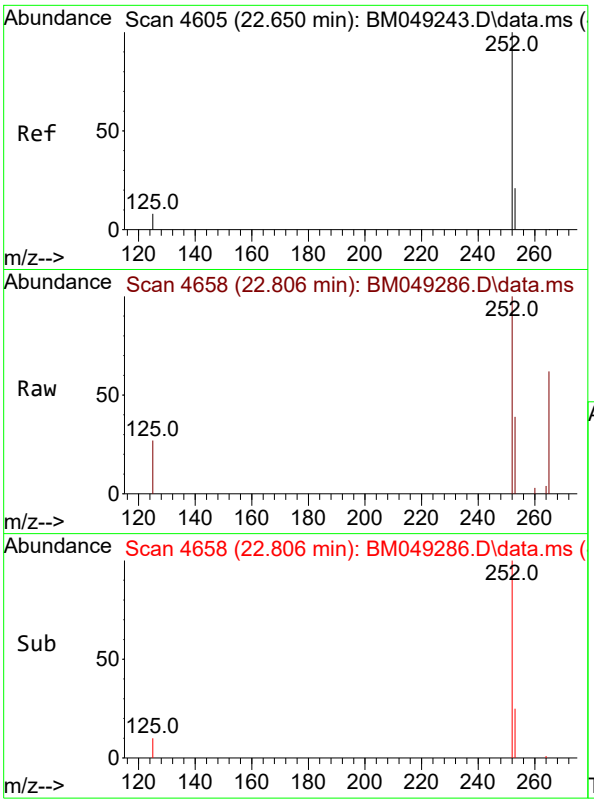


#22
Chrysene
Concen: 0.041 ng/ul
RT: 21.426 min Scan# 4186
Delta R.T. 0.254 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Tgt Ion:228 Resp: 15

Ion	Ratio	Lower	Upper
228	100		
226	103.6	24.1	36.1#
229	143.3	15.8	23.8#



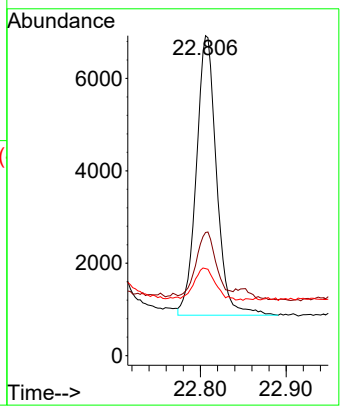


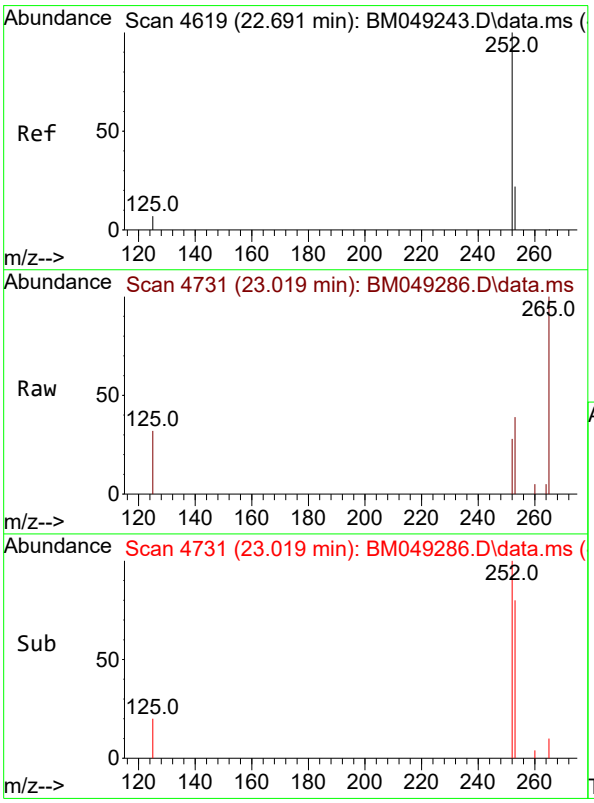
#24
Benzo(b)fluoranthene
Concen: 3.769 ng/ul
RT: 22.806 min Scan# 4
Delta R.T. 0.158 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Instrument :
BNA_M
ClientSampleId :
E2924

Tgt Ion:252 Resp: 9911

Ion	Ratio	Lower	Upper
252	100		
253	38.5	0.0	52.6
125	27.2	0.0	30.8

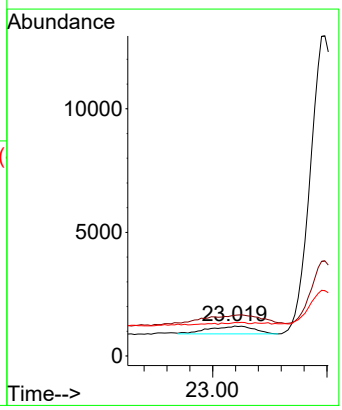


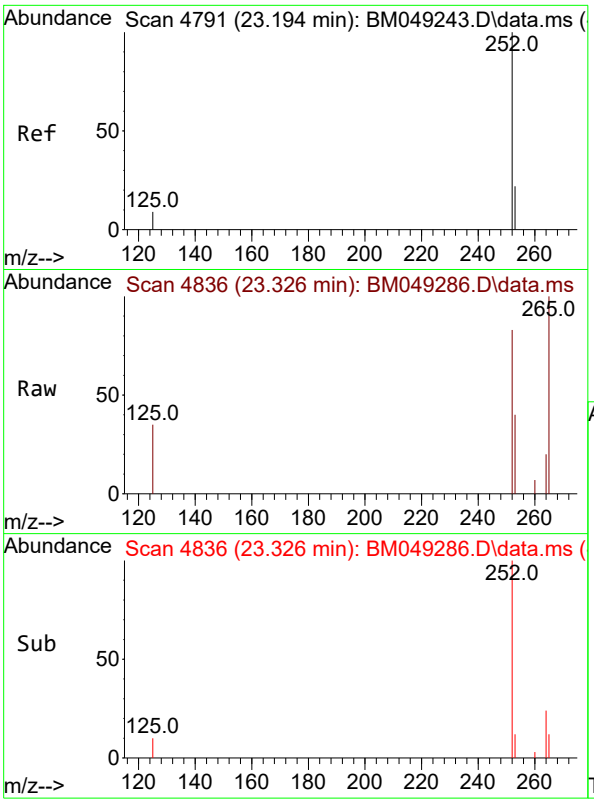


#25
Benzo(k)fluoranthene
Concen: 0.295 ng/ul
RT: 23.019 min Scan# 4731
Delta R.T. 0.327 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Tgt Ion:252 Resp: 851

Ion	Ratio	Lower	Upper
252	100		
253	136.0	21.3	31.9#
125	111.8	12.6	18.8#



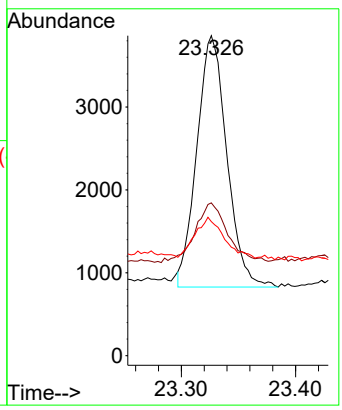


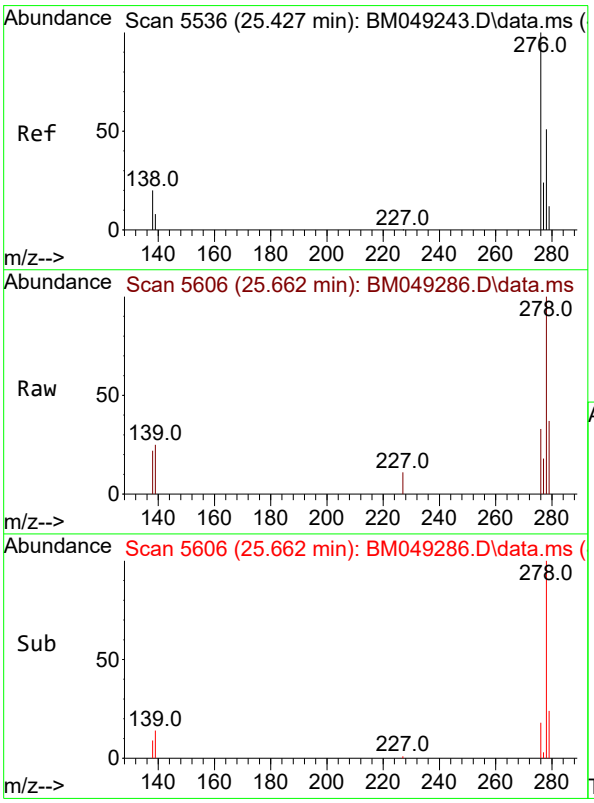
#26
Benzo(a)pyrene
Concen: 2.194 ng/ul
RT: 23.326 min Scan# 4
Delta R.T. 0.134 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Instrument :
BNA_M
ClientSampleId :
E2924

Tgt Ion:252 Resp: 5532

Ion	Ratio	Lower	Upper
252	100		
253	47.8	22.4	33.6#
125	41.9	14.8	22.2#

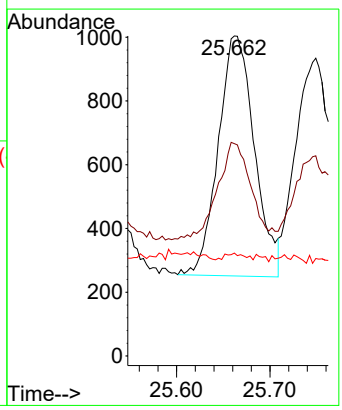


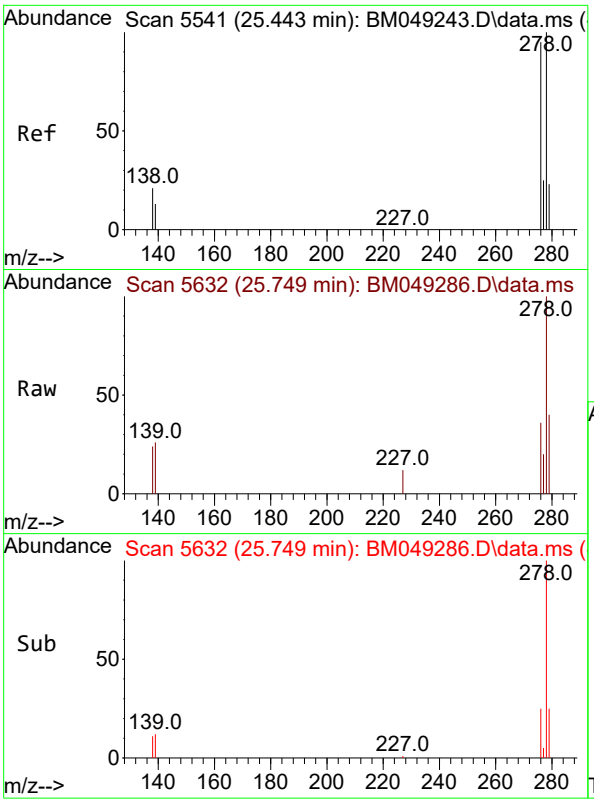


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.570 ng/ul
RT: 25.662 min Scan# 5606
Delta R.T. 0.245 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Tgt Ion:276 Resp: 2033

Ion	Ratio	Lower	Upper
276	100		
138	38.0	17.4	26.2#
227	1.3	0.2	0.2#



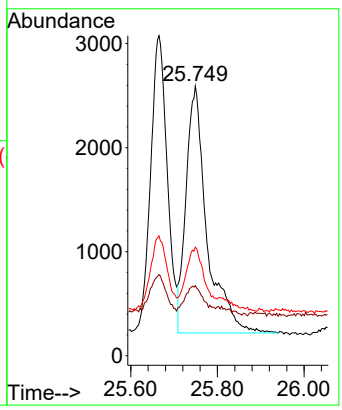


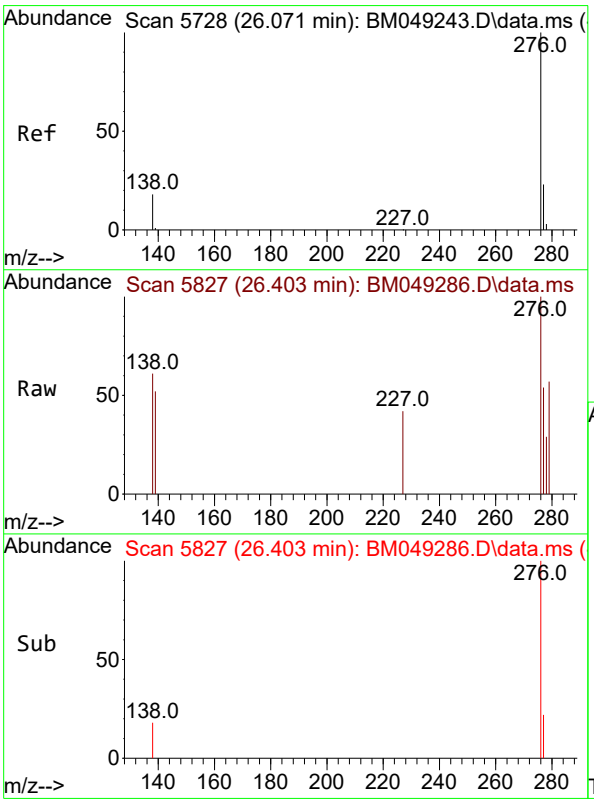
#28
Dibenzo(a,h)anthracene
Concen: 2.869 ng/ul
RT: 25.749 min Scan# 5
Delta R.T. 0.312 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Instrument :
BNA_M
ClientSampleId :
E2924

Tgt Ion:278 Resp: 7956

Ion	Ratio	Lower	Upper
278	100		
139	26.0	13.5	20.3#
279	40.2	21.5	32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.571 ng/ul
RT: 26.403 min Scan# 5827
Delta R.T. 0.335 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Tgt Ion:276 Resp: 1640

Ion	Ratio	Lower	Upper
276	100		
138	60.5	16.7	25.1#
277	53.6	19.9	29.9#