

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
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Quant Time: Aug 27 03:10:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	19366	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.787	136	84641	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.629	164	58406	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.384	188	125061m	20.000	ng/ul	-0.01
79) Chrysene-d12	21.655	240	116001	20.000	ng/ul	-0.01
88) Perylene-d12	24.880	264	119625	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	1470	3.914	ng/uL	-0.01
4) Pyridine-d5	3.790	84	3119m	2.757	ng/ul	0.02
7) Phenol-d5	7.139	99	36185	22.004	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.286	67	21168	23.169	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.497	132	27531	22.374	ng/ul	-0.02
15) 4-Methylphenol-d8	8.690	113	23891	18.447	ng/ul	-0.01
21) Nitrobenzene-d5	9.136	128	15015	22.882	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.865	143	17512	22.412	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.417	165	27945	20.052	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	16182	8.531	ng/ul	-0.01
46) Dimethylphthalate-d6	14.024	166	106803	23.894	ng/ul	-0.02
49) Acenaphthylene-d8	14.323	160	124209	23.700	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.858	143	10491	16.222	ng/ul	0.00
60) Fluorene-d10	15.622	176	90290	23.824	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.757	200	12583m	15.639	ng/ul	-0.01
73) Anthracene-d10	17.478	188	132909	23.667	ng/ul	-0.02
81) Pyrene-d10	19.769	212	160551	25.612	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.662	264	132530	20.883	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.834	128	6142	1.452	ng/ul#	93
56) Dibenzofuran	15.028	168	6668	1.386	ng/ul	94
61) Fluorene	15.680	166	4925m	1.213	ng/ul	
72) Phenanthrene	17.425	178	118405m	18.992	ng/ul	
74) Anthracene	17.513	178	15935	2.522	ng/ul	97
77) Carbazole	17.789	167	13029	2.318	ng/ul	93
80) Fluoranthene	19.434	202	170288	22.014	ng/ul	99
82) Pyrene	19.798	202	120263	15.690	ng/ul	99
85) Benzo(a)anthracene	21.631	228	61193	8.466	ng/ul	96
87) Chrysene	21.702	228	64176	9.393	ng/ul	94
90) Benzo(b)fluoranthene	23.852	252	78386	10.244	ng/ul	96
91) Benzo(k)fluoranthene	23.904	252	31887m	4.384	ng/ul	
93) Benzo(a)pyrene	24.727	252	41756	6.283	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.563	276	34847m	3.975	ng/ul	
95) Dibenzo(a,h)anthracene	28.604	278	11139m	1.518	ng/ul	

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

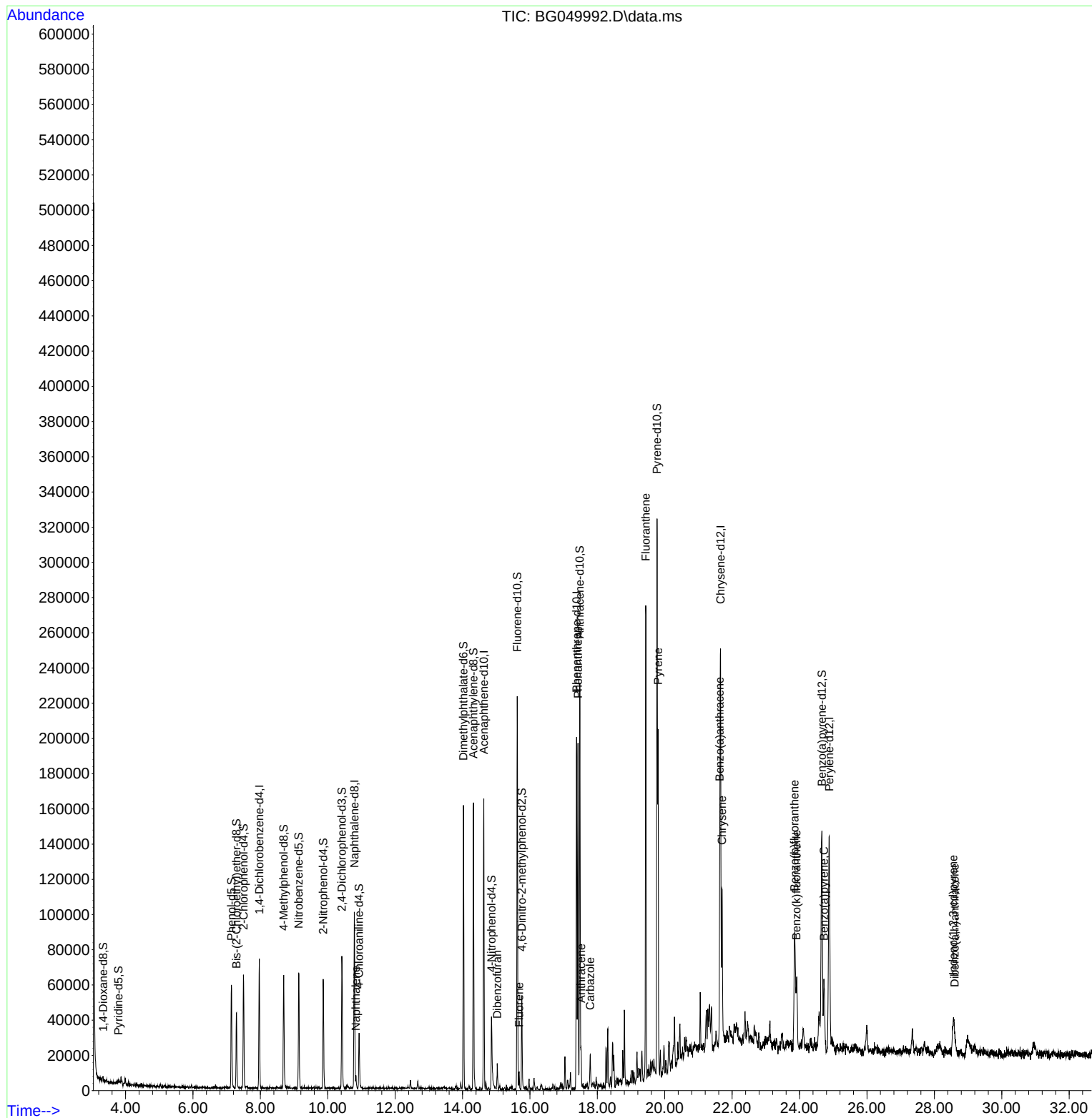
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049992.D
Acq On : 27 Aug 2021 2:26
Operator : CG/JU
Sample : M3458-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

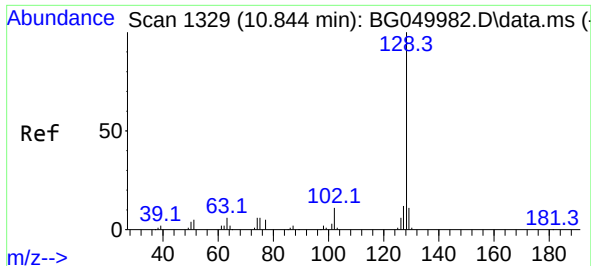
Instrument :
BNA_G
ClientSampleId :
C0AW3

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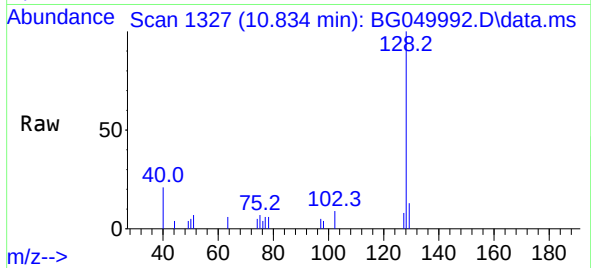
Quant Time: Aug 27 03:10:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.452 ng/ul
RT: 10.834 min Scan# 1327
Delta R.T. -0.022 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26

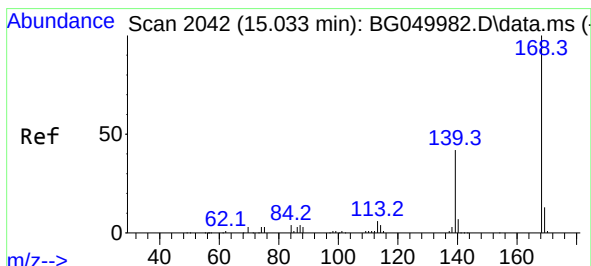
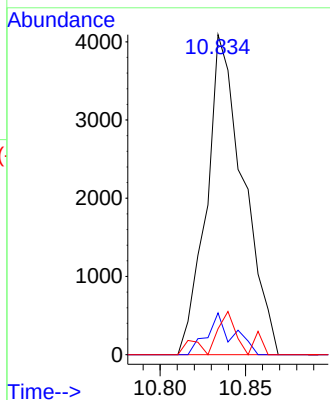
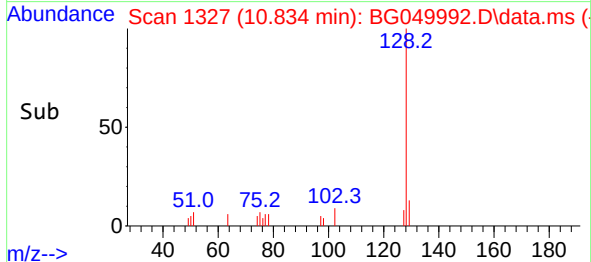
Instrument :
BNA_G
ClientSampled :
C0AW3



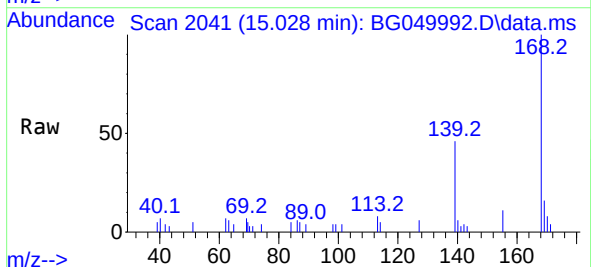
Tgt Ion:128 Resp: 6142
Ion Ratio Lower Upper
128 100
129 13.0 9.3 13.9
127 8.1 9.8 14.6#

Manual Integrations
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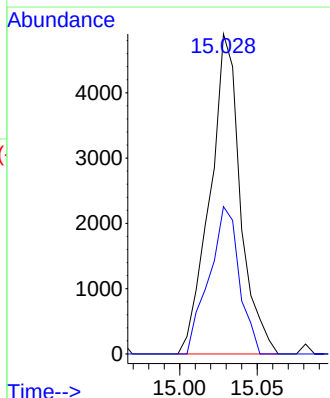
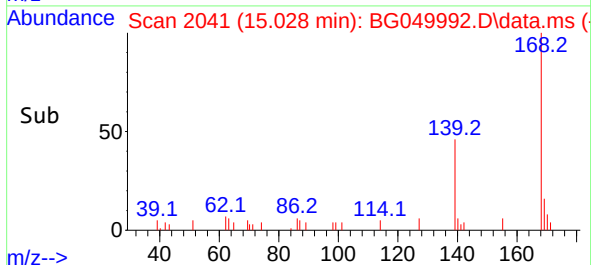
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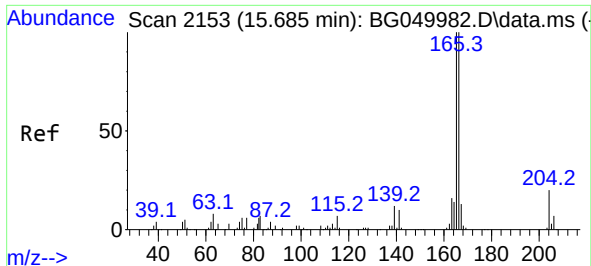


#56
Dibenzofuran
Concen: 1.386 ng/ul
RT: 15.028 min Scan# 2041
Delta R.T. -0.010 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26

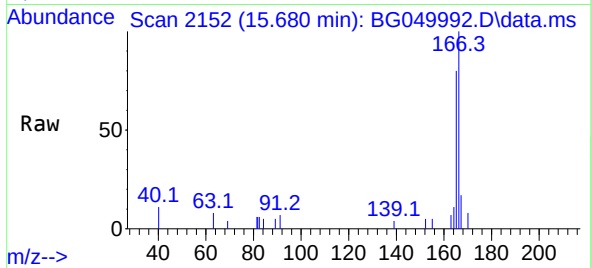


Tgt Ion:168 Resp: 6668
Ion Ratio Lower Upper
168 100
139 46.1 33.8 50.8

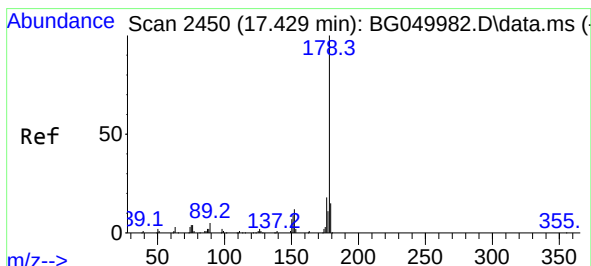
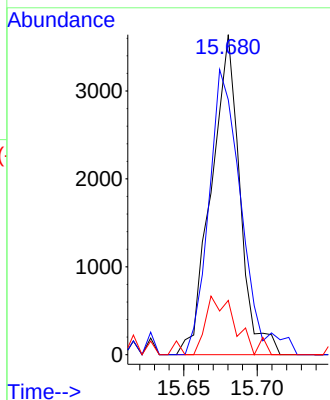
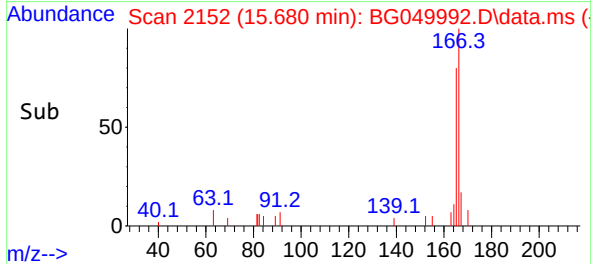




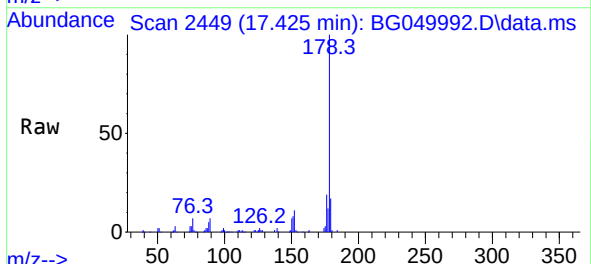
#61
Fluorene
Concen: 1.213 ng/ul m
RT: 15.680 min Scan# 2152
Delta R.T. -0.010 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26



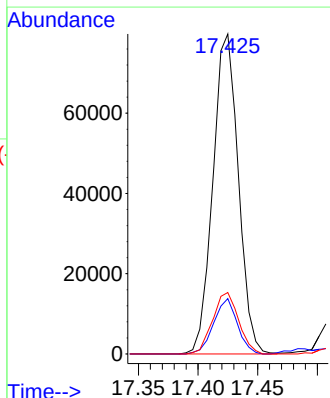
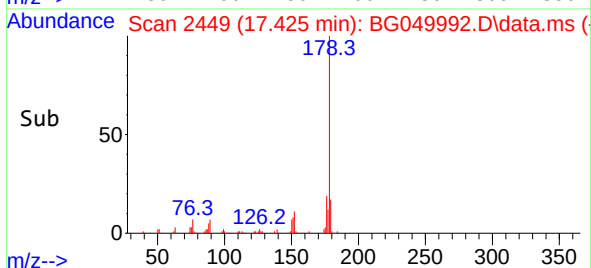
Tgt Ion:166 Resp: 4925
Ion Ratio Lower Upper
166 100
165 79.6 83.3 124.9#
167 16.9 11.8 17.6



#72
Phenanthrene
Concen: 18.992 ng/ul m
RT: 17.425 min Scan# 2449
Delta R.T. -0.010 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26



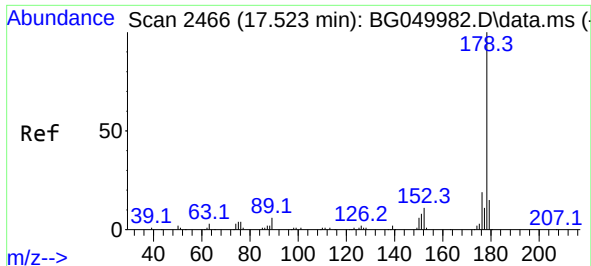
Tgt Ion:178 Resp: 118405
Ion Ratio Lower Upper
178 100
179 17.3 11.7 17.5
176 19.2 16.2 24.2



Instrument :
BNA_G
ClientSampled :
C0AW3

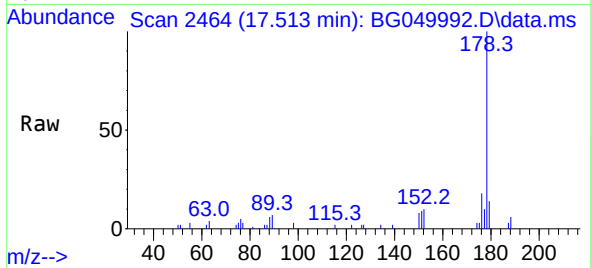
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#74
 Anthracene
 Concen: 2.522 ng/u1
 RT: 17.513 min Scan# 2464
 Delta R.T. -0.010 min
 Lab File: BG049992.D
 Acq: 27 Aug 2021 2:26

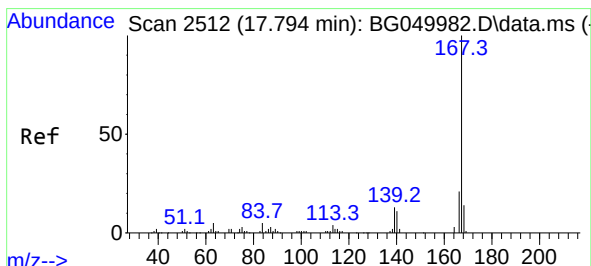
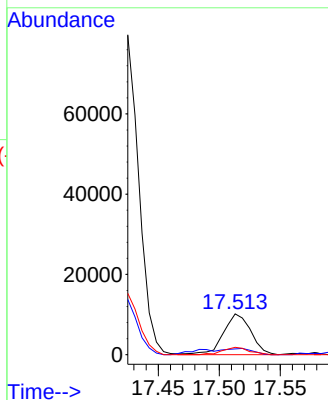
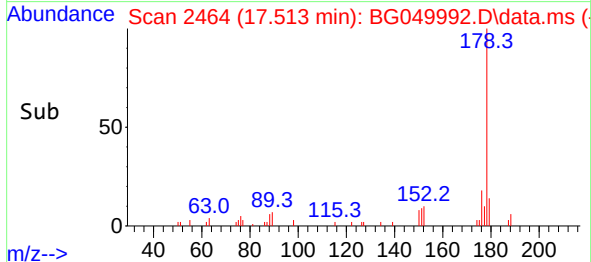
Instrument :
 BNA_G
 ClientSampled :
 C0AW3



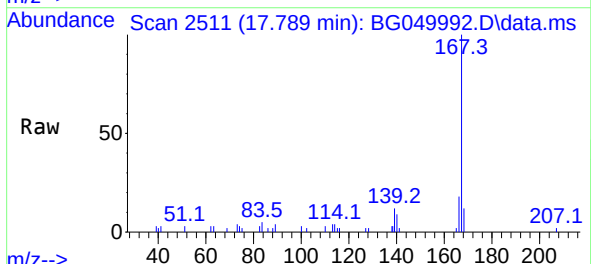
Tgt Ion:178 Resp: 15935
 Ion Ratio Lower Upper
 178 100
 179 14.1 11.4 17.0
 176 17.9 12.8 19.2

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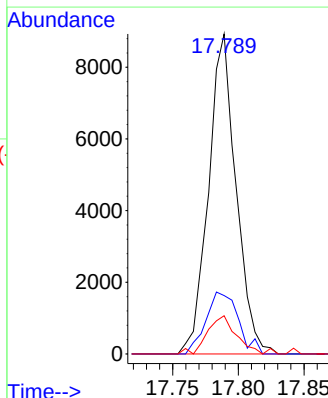
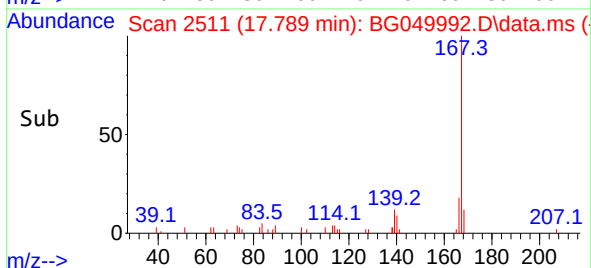
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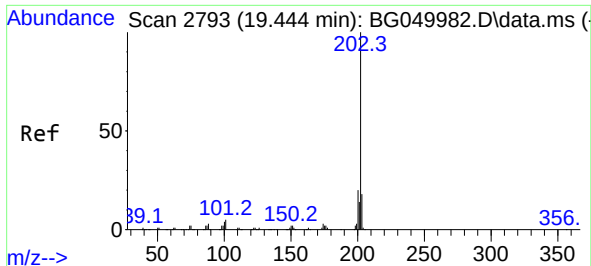


#77
 Carbazole
 Concen: 2.318 ng/u1
 RT: 17.789 min Scan# 2511
 Delta R.T. -0.010 min
 Lab File: BG049992.D
 Acq: 27 Aug 2021 2:26



Tgt Ion:167 Resp: 13029
 Ion Ratio Lower Upper
 167 100
 166 18.2 17.8 26.8
 139 11.9 11.1 16.7





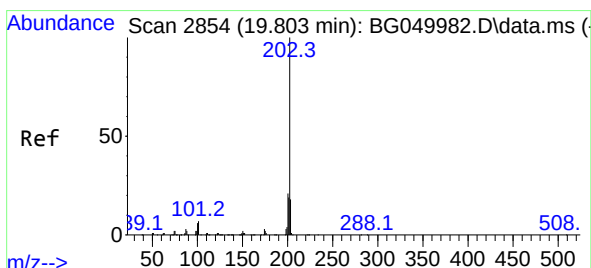
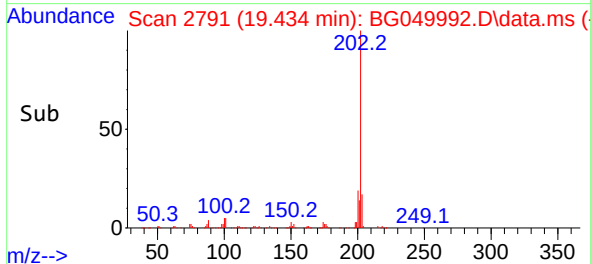
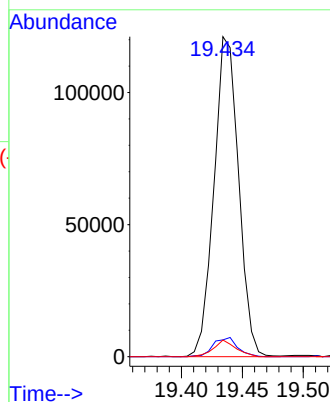
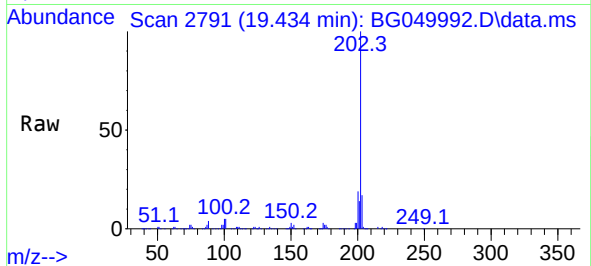
#80
Fluoranthene
Concen: 22.014 ng/u1
RT: 19.434 min Scan# 2791
Delta R.T. -0.010 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26

Instrument :
BNA_G
ClientSampled :
C0AW3

Tgt Ion:202 Resp: 170288
Ion Ratio Lower Upper
202 100
101 5.2 4.3 6.5
100 5.2 3.5 5.3

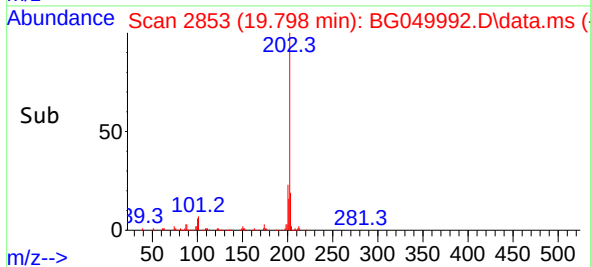
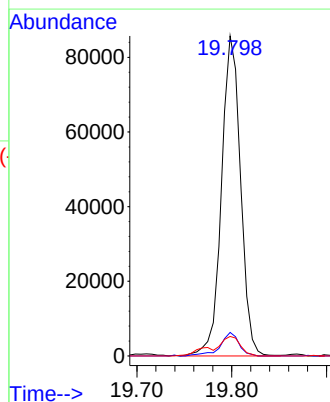
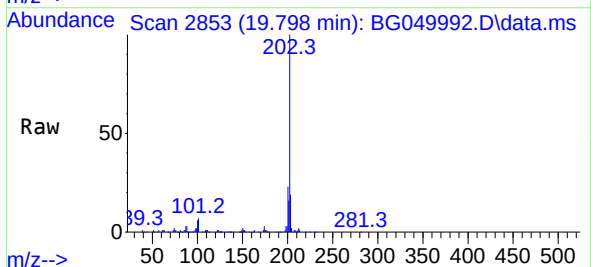
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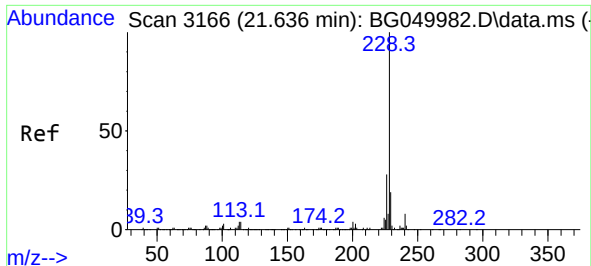
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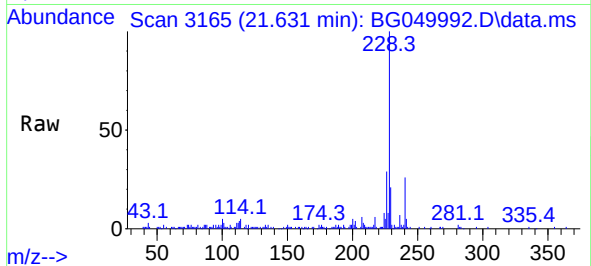
#82
Pyrene
Concen: 15.690 ng/u1
RT: 19.798 min Scan# 2853
Delta R.T. -0.010 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26

Tgt Ion:202 Resp: 120263
Ion Ratio Lower Upper
202 100
101 7.4 5.4 8.0
100 6.1 5.0 7.6

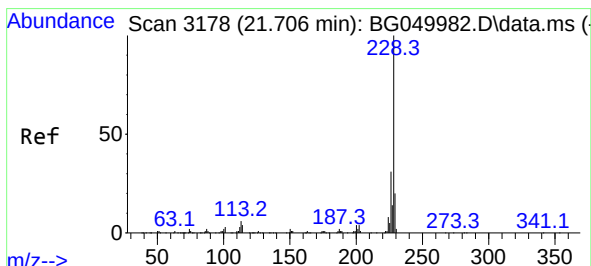
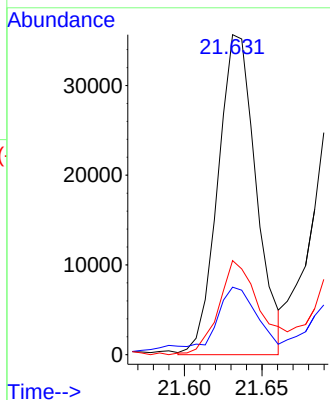
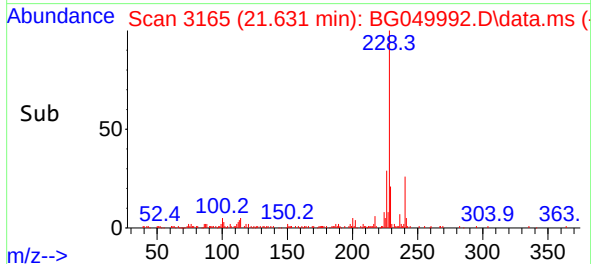




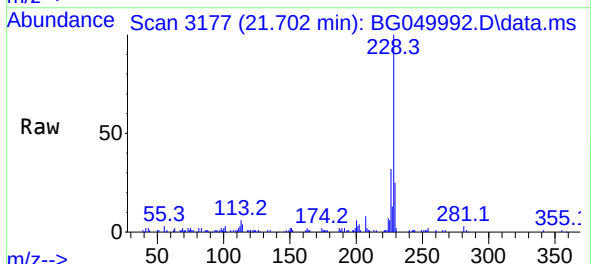
#85
Benzo(a)anthracene
Concen: 8.466 ng/u1
RT: 21.631 min Scan# 3165
Delta R.T. -0.016 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26



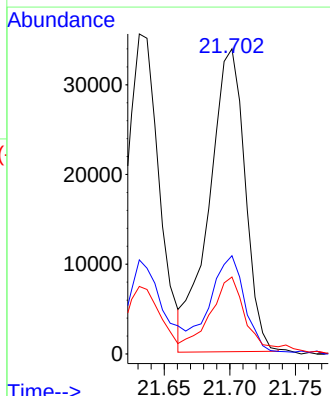
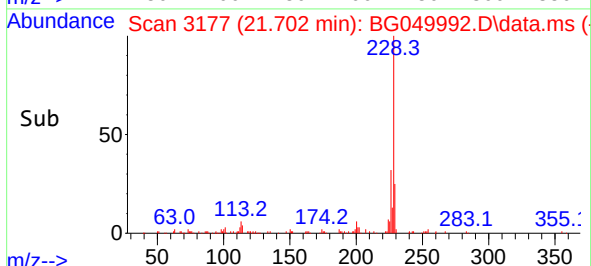
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Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.2	24.4
226	29.4	21.0	31.4



#87
Chrysene
Concen: 9.393 ng/u1
RT: 21.702 min Scan# 3177
Delta R.T. -0.010 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26



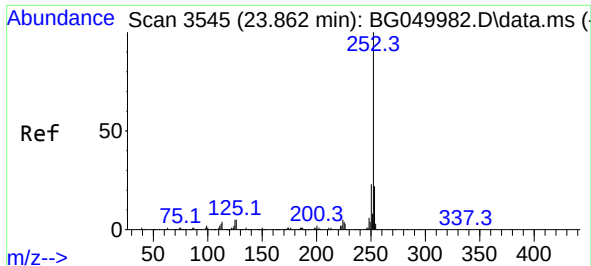
Tgt Ion:	228	Resp:	64176
Ion Ratio	Lower	Upper	
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226	32.2	23.0	34.4
229	25.2	17.8	26.6



Instrument :
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C0AW3

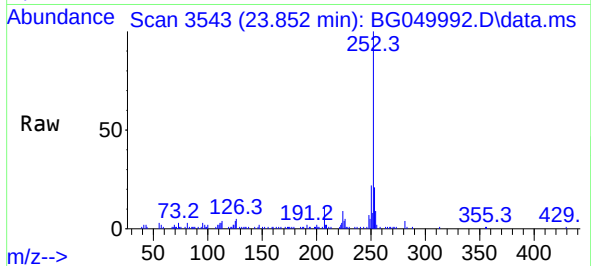
Manual Integrations
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#90
Benzo(b)fluoranthene
Concen: 10.244 ng/ul
RT: 23.852 min Scan# 3543
Delta R.T. -0.010 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26

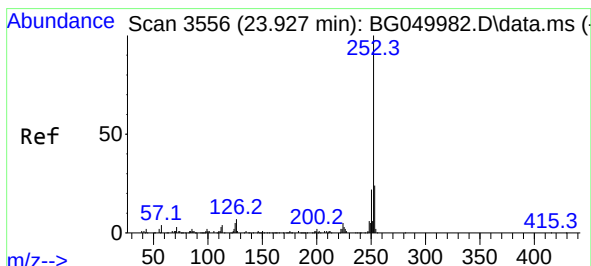
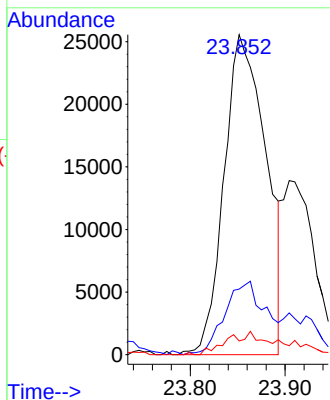
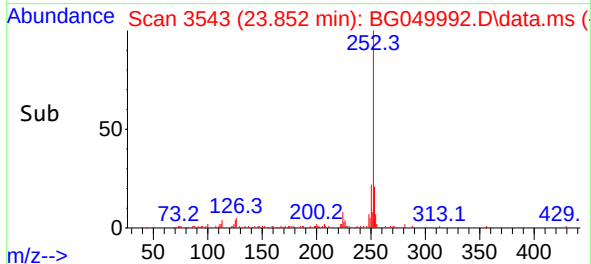
Instrument :
BNA_G
ClientSampled :
C0AW3



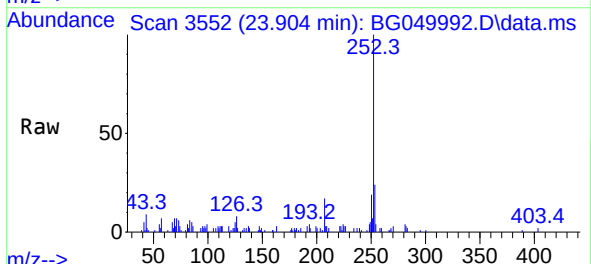
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Ion Ratio Lower Upper
252 100
253 20.5 18.1 27.1
125 4.3 3.4 5.0

Manual Integrations
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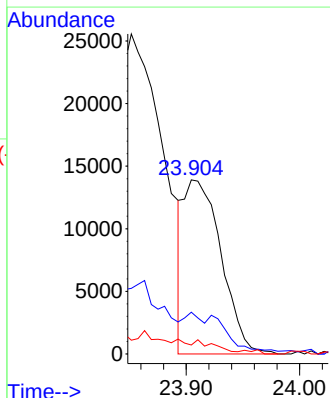
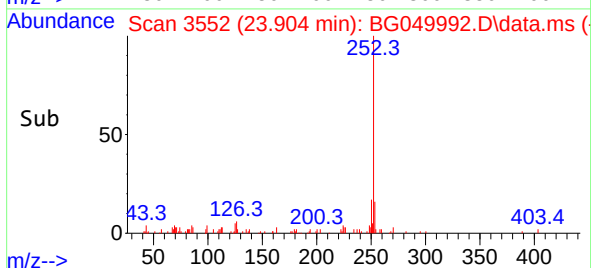
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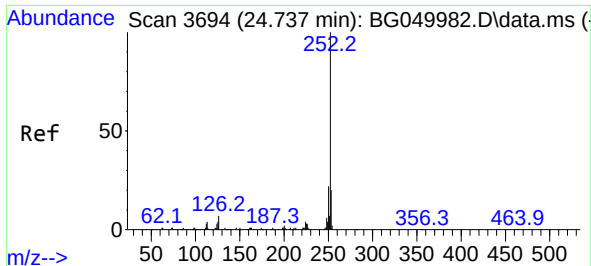


#91
Benzo(k)fluoranthene
Concen: 4.384 ng/ul m
RT: 23.904 min Scan# 3552
Delta R.T. -0.028 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26



Tgt Ion:252 Resp: 31887
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 5.1 4.1 6.1





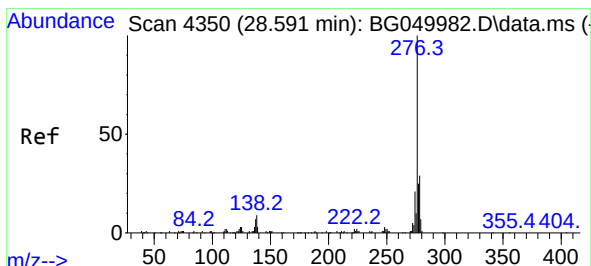
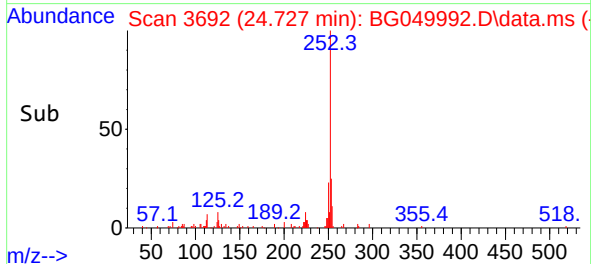
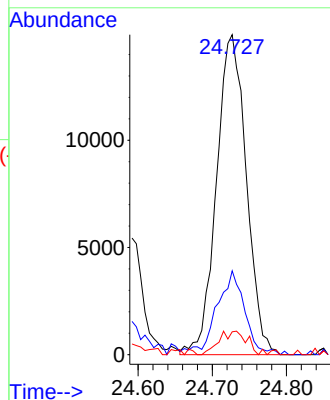
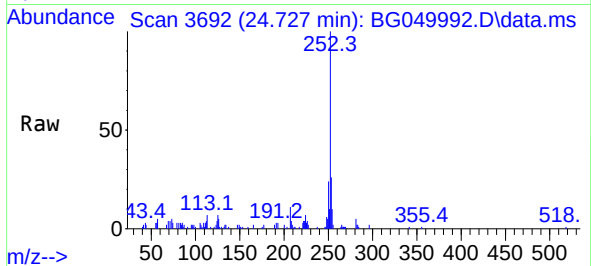
#93
Benzo(a)pyrene
Concen: 6.283 ng/ul
RT: 24.727 min Scan# 3692
Delta R.T. -0.016 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26

Tgt Ion: 252 Resp: 41756
Ion Ratio Lower Upper
252 100
253 26.2 17.0 25.4#
125 7.2 4.4 6.6#

Instrument :
BNA_G
ClientSampled :
C0AW3

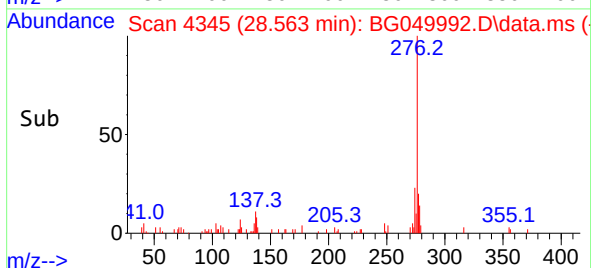
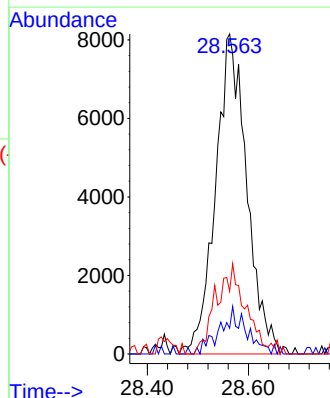
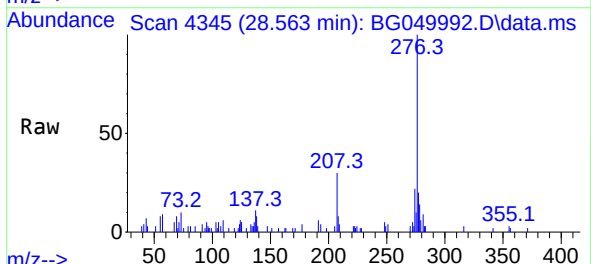
Manual Integrations
APPROVED

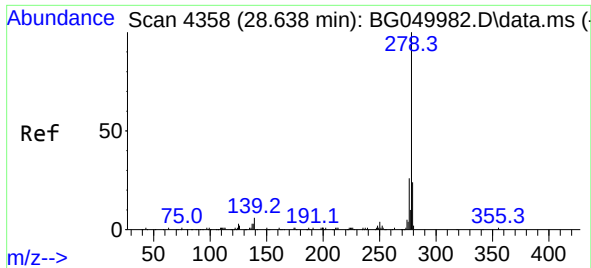
mohammad
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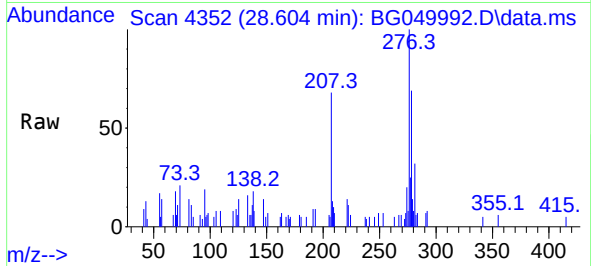
#94
Indeno(1,2,3-cd)pyrene
Concen: 3.975 ng/ul m
RT: 28.563 min Scan# 4345
Delta R.T. -0.028 min
Lab File: BG049992.D
Acq: 27 Aug 2021 2:26

Tgt Ion: 276 Resp: 34847
Ion Ratio Lower Upper
276 100
138 8.0 5.5 8.3
277 19.6 18.6 27.8

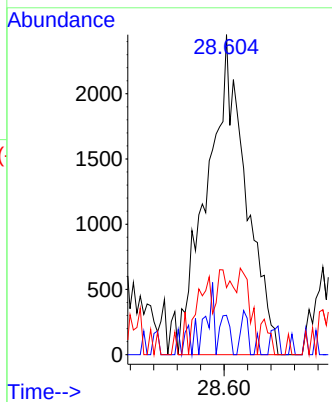
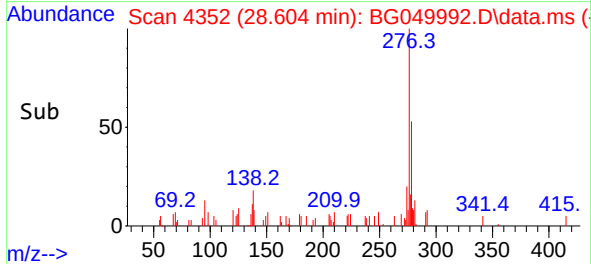




#95
 Dibenzo(a,h)anthracene
 Concen: 1.518 ng/ul m
 RT: 28.604 min Scan# 4352
 Delta R.T. -0.040 min
 Lab File: BG049992.D
 Acq: 27 Aug 2021 2:26



Tgt Ion:	278	Resp:	11139
Ion Ratio	Lower	Upper	
278	100		
139	12.3	5.2	7.8#
279	21.0	19.0	28.4



Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
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