

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049513.D
 Acq On : 27 Jul 2021 18:40
 Operator : CG/JU
 Sample : M3091-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0048

Manual Integrations
 APPROVED

mohammad
 7/28/2021 11:29:52 AM

Quant Time: Jul 28 04:37:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	24464	20.000	ng/ul	0.00
20) Naphthalene-d8	10.871	136	98472	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.696	164	65876	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	119097	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.733	240	120822	20.000	ng/ul	# 0.00
88) Perylene-d12	25.011	264	124557	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	781	1.461	ng/uL	0.00
4) Pyridine-d5	3.875	84	8327	5.422	ng/ul	0.02
7) Phenol-d5	7.200	99	30992	14.319	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.370	67	17925	14.622	ng/ul	0.00
11) 2-Chlorophenol-d4	7.576	132	24185	15.588	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	26767	16.407	ng/ul	0.00
21) Nitrobenzene-d5	9.221	128	13939	18.411	ng/ul	0.00
24) 2-Nitrophenol-d4	9.937	143	16107	18.155	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	27754	17.201	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	30025	13.352	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	85442	16.932	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	108586	18.527	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	9604	11.557	ng/ul	0.00
60) Fluorene-d10	15.688	176	71216	16.382	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	6440	8.726	ng/ul	0.00
73) Anthracene-d10	17.550	188	101409	18.321	ng/ul	0.00
81) Pyrene-d10	19.841	212	108652	17.587	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.788	264	115780	17.686	ng/ul	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.924	128	10636	2.097	ng/ul#	96
36) 2-Methylnaphthalene	12.522	142	13289	3.580	ng/ul	85
37) 1-Methylnaphthalene	12.745	142	7614	2.030	ng/ul#	69
39) 1,2,4,5-Tetrachloroben...	12.892	216	41258	21.072	ng/ul	97
42) 2,4,5-Trichlorophenol	13.209	196	2947	2.293	ng/ul#	83
72) Phenanthrene	17.492	178	31300	5.048	ng/ul#	89
80) Fluoranthene	19.507	202	20314	2.708	ng/ul#	96
82) Pyrene	19.871	202	19509	2.619	ng/ul	99
85) Benzo(a)anthracene	21.715	228	14803	2.004	ng/ul#	75
86) Bis(2-ethylhexyl)phtha...	21.610	149	5298	1.231	ng/ul#	87
87) Chrysene	21.780	228	22942	3.245	ng/ul#	87
90) Benzo(b)fluoranthene	23.965	252	23982	3.072	ng/ul#	89
93) Benzo(a)pyrene	24.870	252	11954m	1.765	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.759	276	13553m	1.568	ng/ul	
96) Benzo(g,h,i)perylene	29.916	276	13658m	1.901	ng/ul	

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

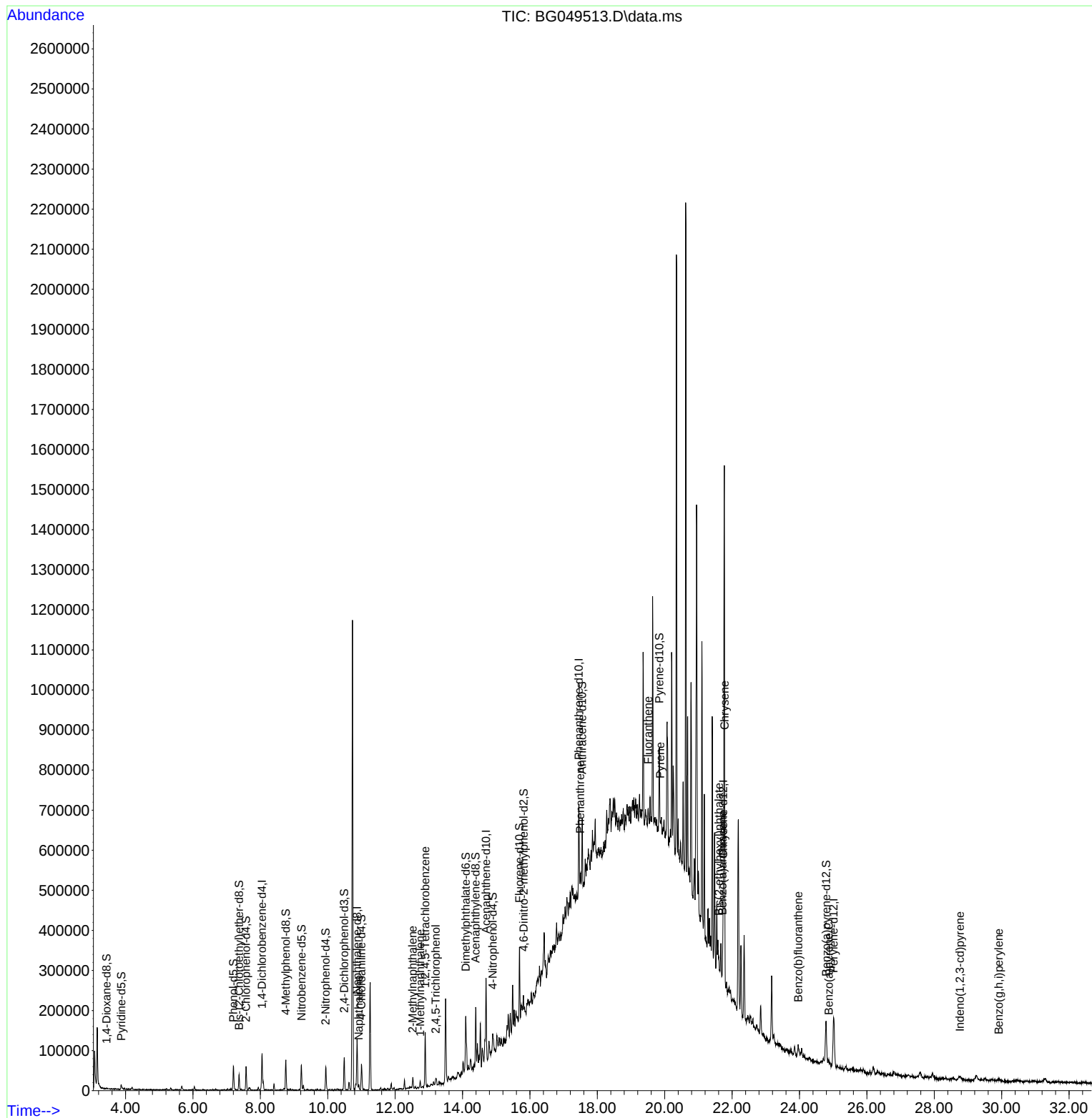
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049513.D
Acq On : 27 Jul 2021 18:40
Operator : CG/JU
Sample : M3091-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

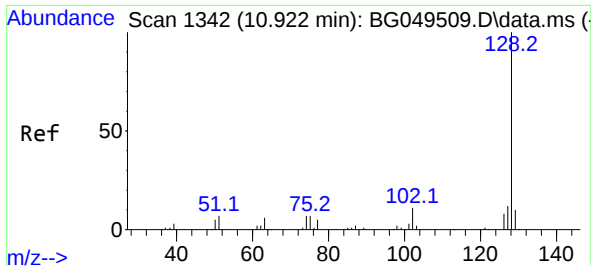
Instrument :
BNA_G
ClientSampleId :
C0048

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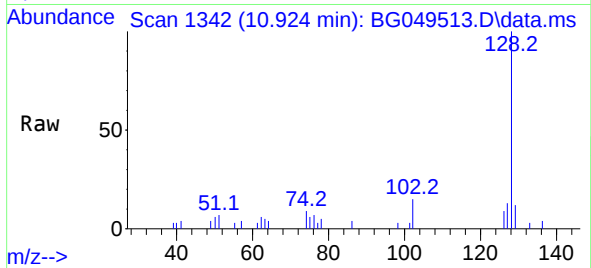
Quant Time: Jul 28 04:37:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.097 ng/ul
RT: 10.924 min Scan# 1342
Delta R.T. 0.008 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40

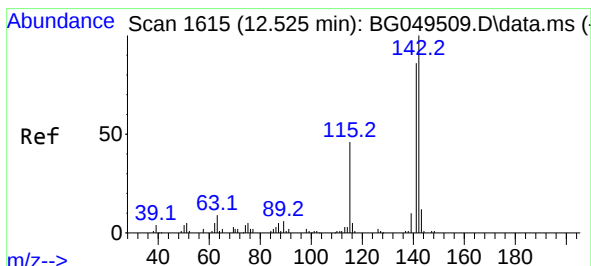
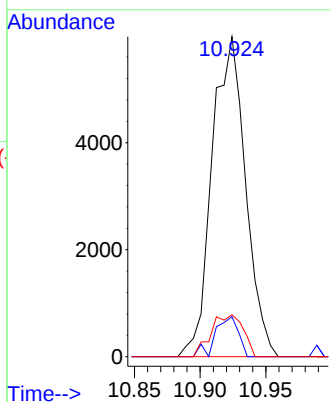
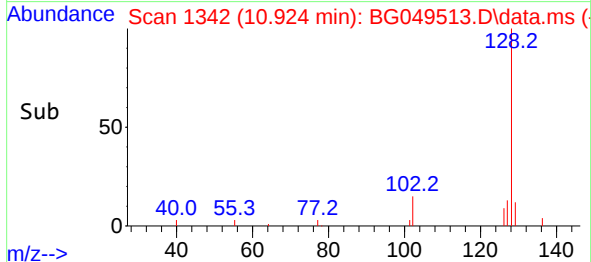
Instrument :
BNA_G
ClientSampled :
C0048



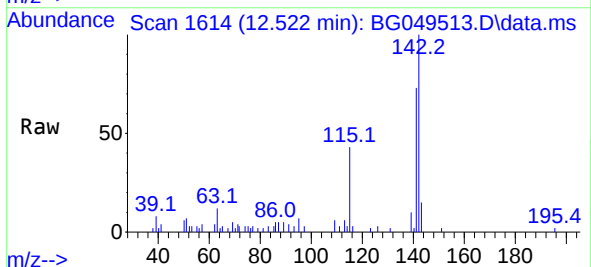
Tgt Ion:128 Resp: 10636
Ion Ratio Lower Upper
128 100
129 12.5 7.8 11.8#
127 13.1 11.0 16.6

Manual Integrations
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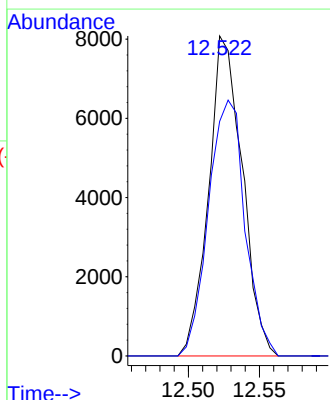
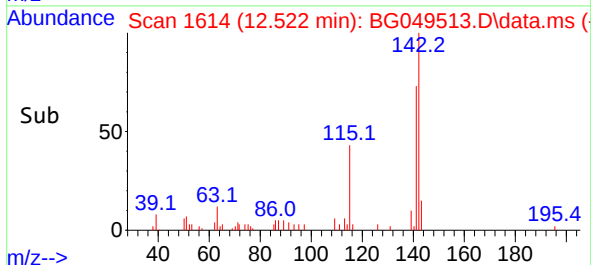
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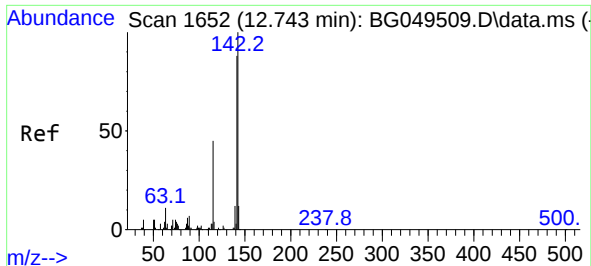


#36
2-Methylnaphthalene
Concen: 3.580 ng/ul
RT: 12.522 min Scan# 1614
Delta R.T. -0.004 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40



Tgt Ion:142 Resp: 13289
Ion Ratio Lower Upper
142 100
141 73.3 69.9 104.9





#37

1-Methylnaphthalene

Concen: 2.030 ng/ul

RT: 12.745 min Scan# 1652

Delta R.T. 0.002 min

Lab File: BG049513.D

Acq: 27 Jul 2021 18:40

Tgt Ion:	142	Resp:	7614
Ion Ratio	Lower	Upper	
142	100		
141	69.9	82.1	123.1#
116	4.0	3.8	5.6

Instrument :

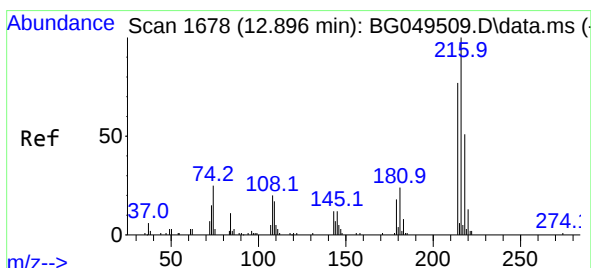
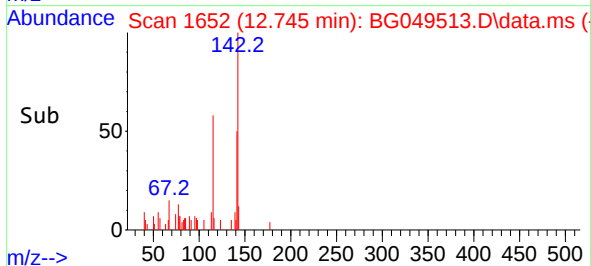
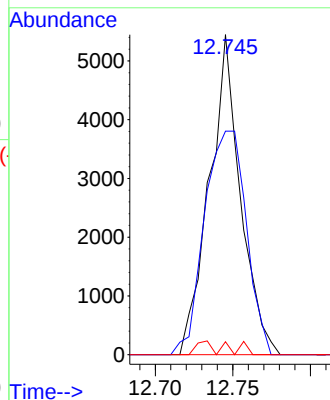
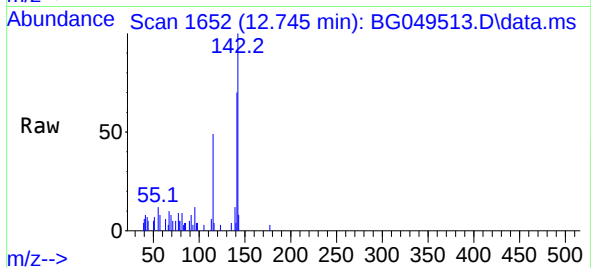
BNA_G

ClientSampled :

C0048

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.072 ng/ul

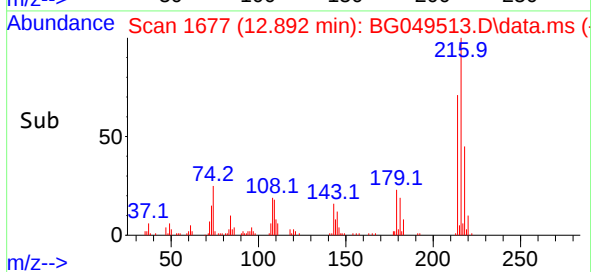
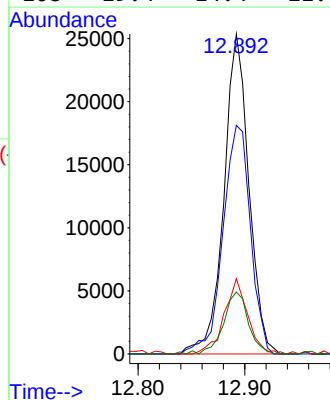
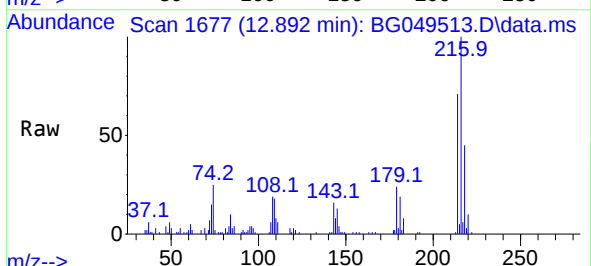
RT: 12.892 min Scan# 1677

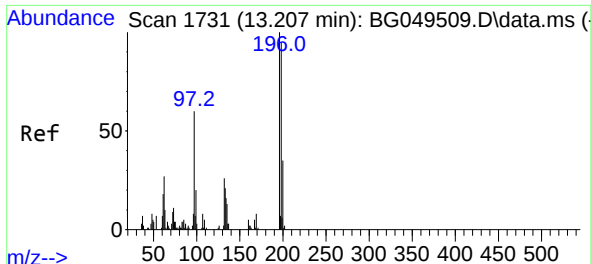
Delta R.T. 0.002 min

Lab File: BG049513.D

Acq: 27 Jul 2021 18:40

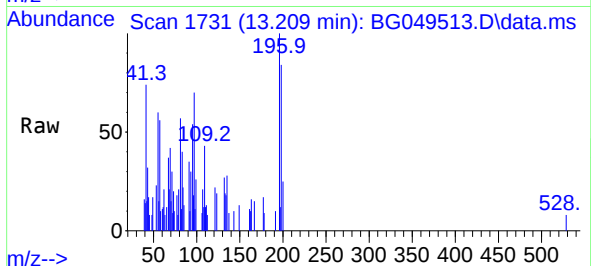
Tgt Ion:	216	Resp:	41258
Ion Ratio	Lower	Upper	
216	100		
214	71.4	58.6	88.0
179	23.6	17.0	25.4
108	19.4	14.4	21.6





#42
2,4,5-Trichlorophenol
Concen: 2.293 ng/ul
RT: 13.209 min Scan# 1731
Delta R.T. 0.008 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40

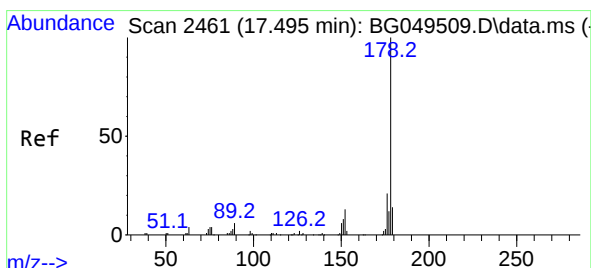
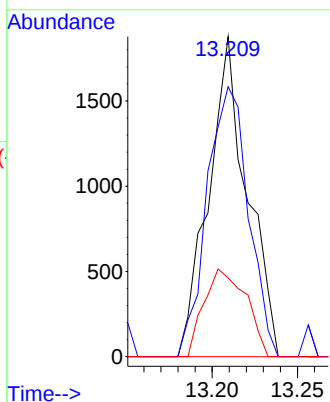
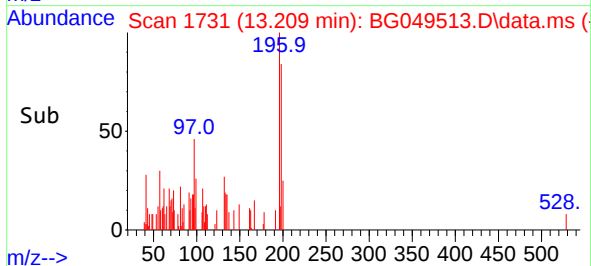
Instrument :
BNA_G
ClientSampled :
C0048



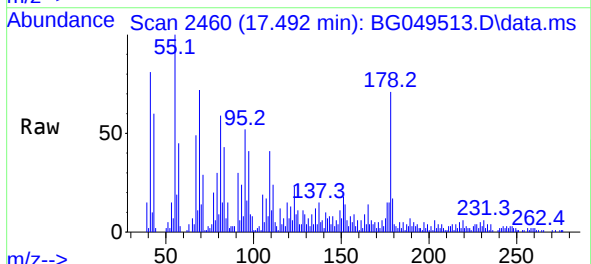
Tgt Ion:196 Resp: 2947
Ion Ratio Lower Upper
196 100
198 84.3 81.4 122.0
200 24.7 26.6 39.8#

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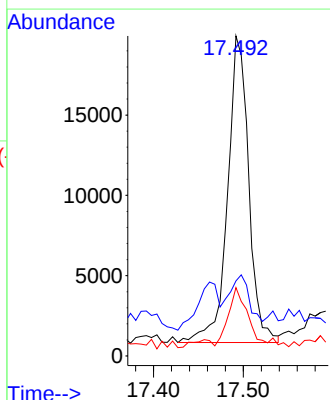
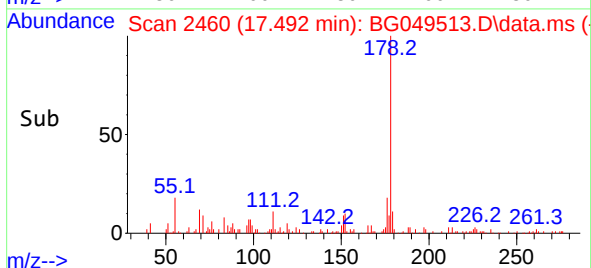
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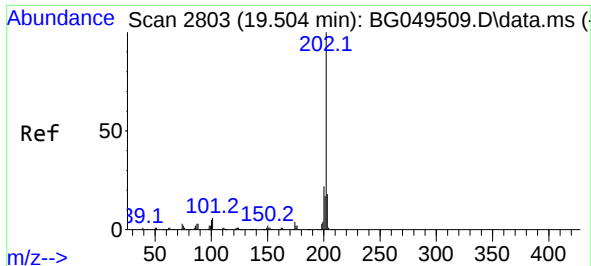


#72
Phenanthrene
Concen: 5.048 ng/ul
RT: 17.492 min Scan# 2460
Delta R.T. 0.002 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40



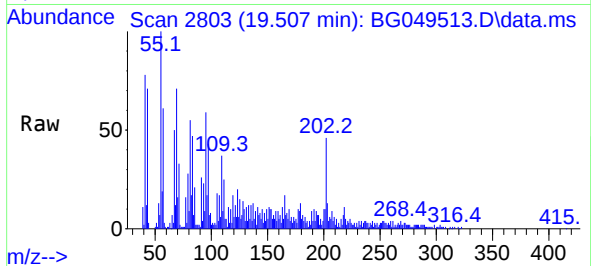
Tgt Ion:178 Resp: 31300
Ion Ratio Lower Upper
178 100
179 23.5 13.2 19.8#
176 21.3 15.0 22.6





#80
Fluoranthene
Concen: 2.708 ng/ul
RT: 19.507 min Scan# 2803
Delta R.T. 0.008 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40

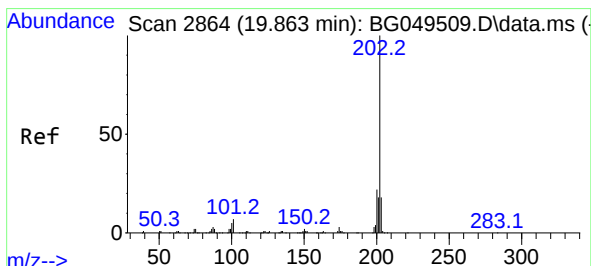
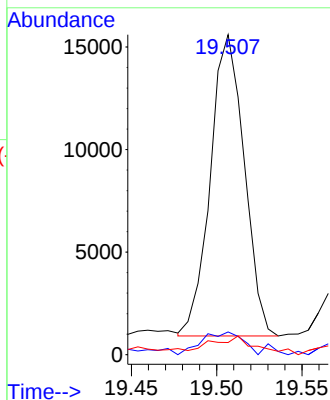
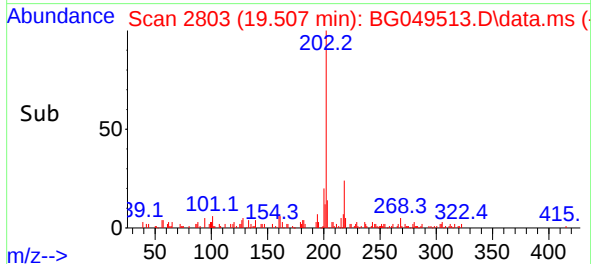
Instrument :
BNA_G
ClientSampleId :
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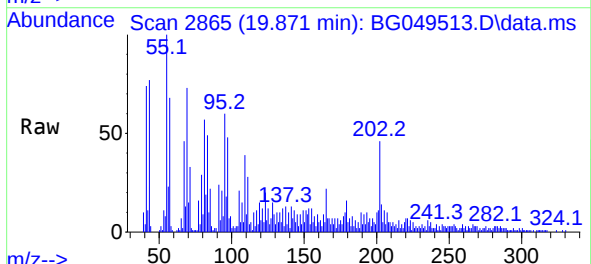
Tgt Ion:202 Resp: 20314
Ion Ratio Lower Upper
202 100
101 7.1 4.3 6.5#
100 3.8 3.8 5.6

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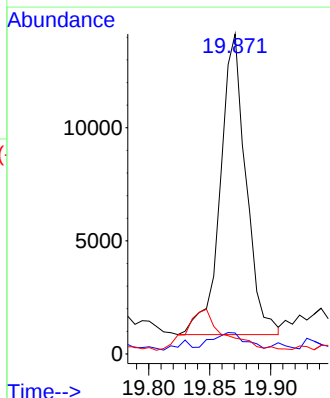
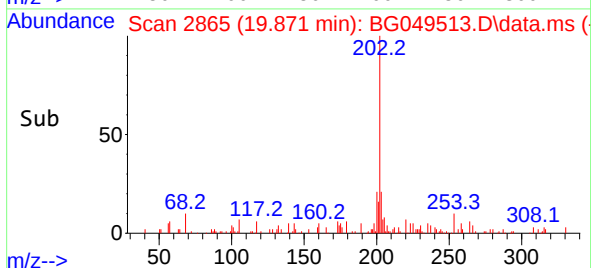
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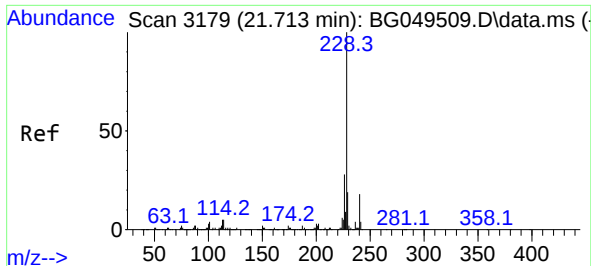


#82
Pyrene
Concen: 2.619 ng/ul
RT: 19.871 min Scan# 2865
Delta R.T. 0.008 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40



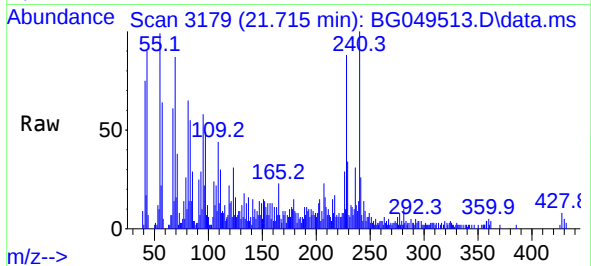
Tgt Ion:202 Resp: 19509
Ion Ratio Lower Upper
202 100
101 6.5 5.3 7.9
100 5.0 4.7 7.1





#85
Benzo(a)anthracene
Concen: 2.004 ng/ul
RT: 21.715 min Scan# 3179
Delta R.T. 0.008 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40

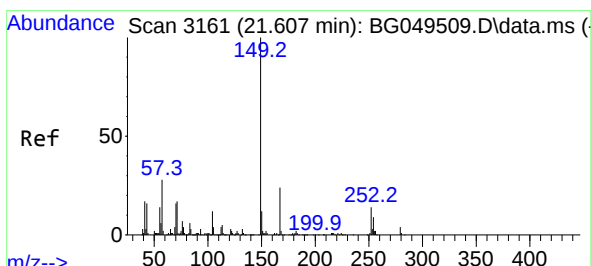
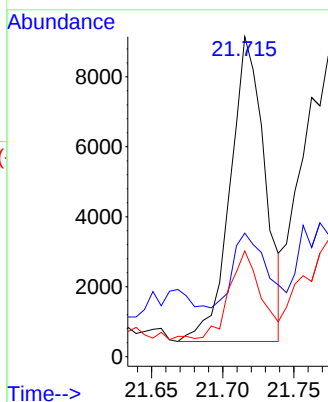
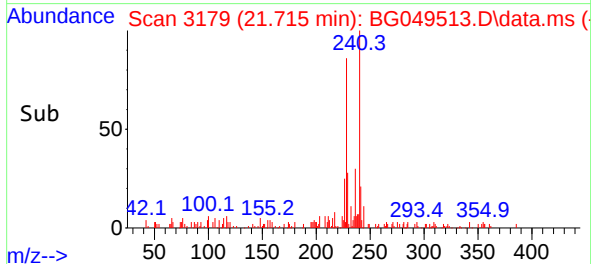
Instrument :
BNA_G
ClientSampled :
C0048



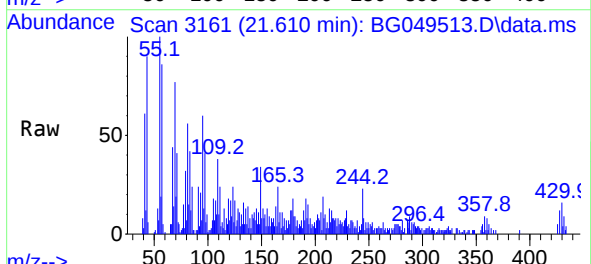
Tgt Ion:228 Resp: 14803
Ion Ratio Lower Upper
228 100
229 38.6 15.4 23.2#
226 33.0 21.1 31.7#

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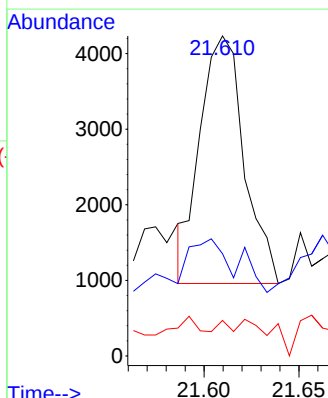
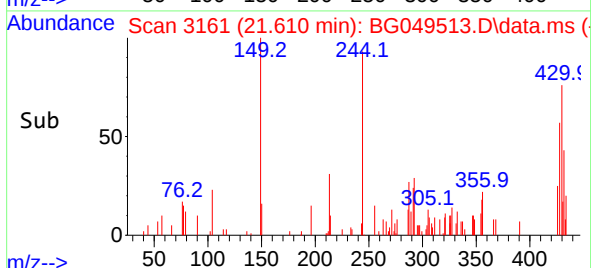
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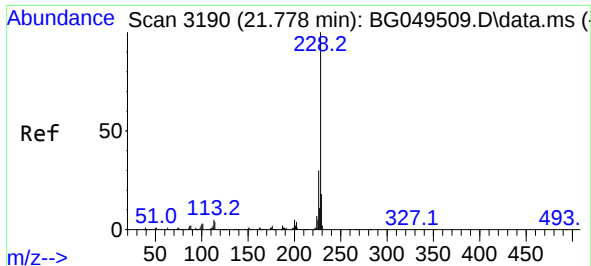


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.231 ng/ul
RT: 21.610 min Scan# 3161
Delta R.T. 0.008 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40



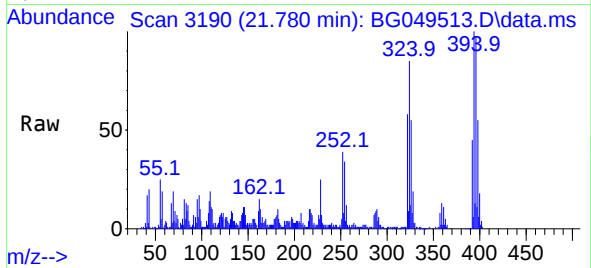
Tgt Ion:149 Resp: 5298
Ion Ratio Lower Upper
149 100
167 32.0 20.9 31.3#
279 11.1 3.6 5.4#





#87
Chrysene
Concen: 3.245 ng/u1
RT: 21.780 min Scan# 3190
Delta R.T. 0.008 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40

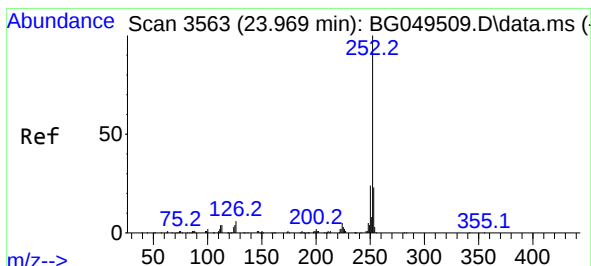
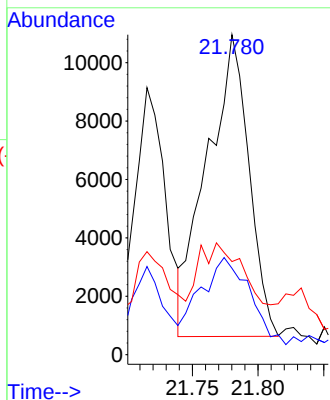
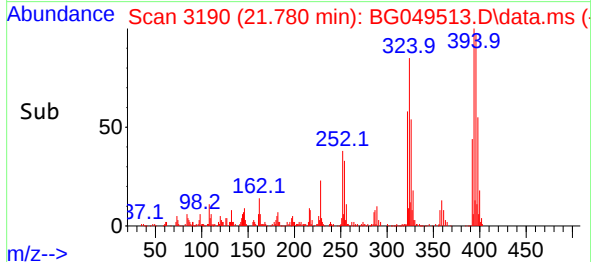
Instrument :
BNA_G
ClientSampled :
C0048



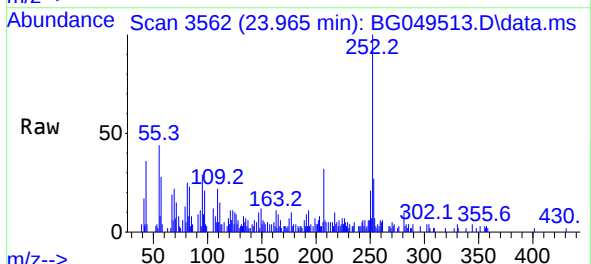
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Ion Ratio Lower Upper
228 100
226 27.0 24.6 37.0
229 29.1 14.9 22.3#

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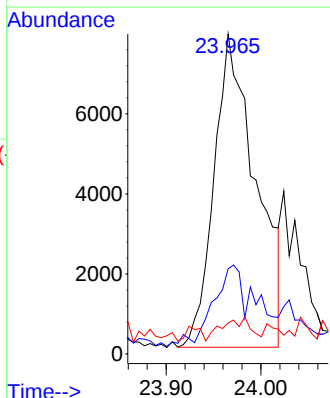
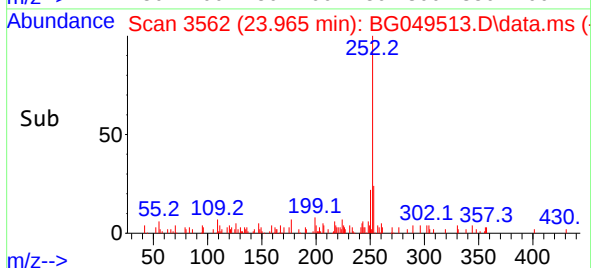
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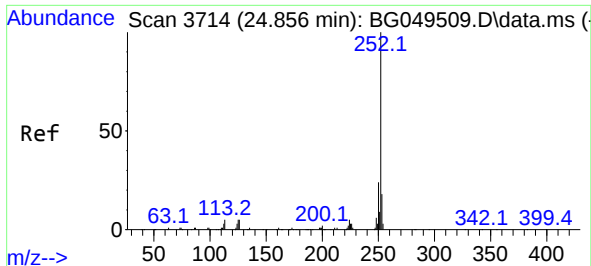


#90
Benzo(b)fluoranthene
Concen: 3.072 ng/u1
RT: 23.965 min Scan# 3562
Delta R.T. 0.008 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40

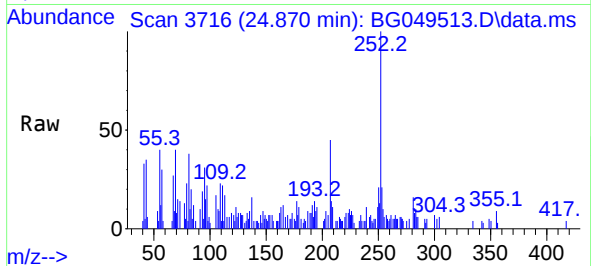


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Ion Ratio Lower Upper
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125 9.7 4.5 6.7#

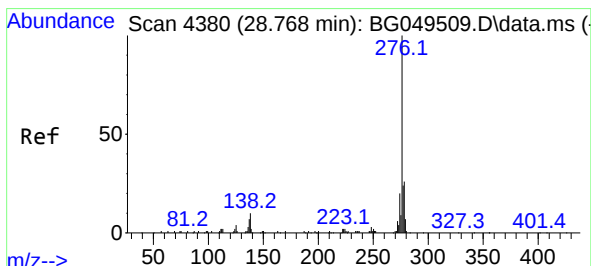
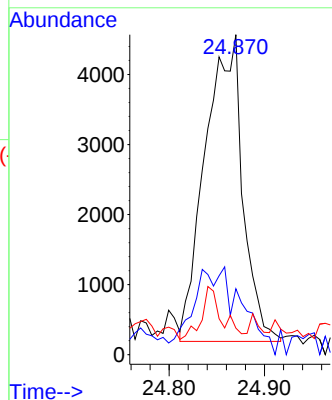
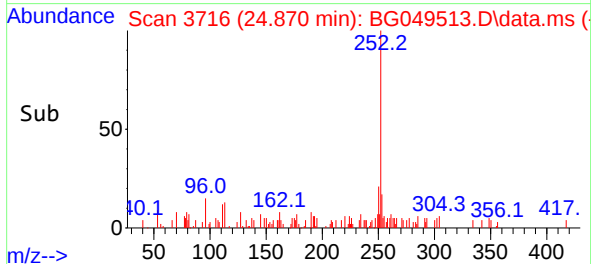




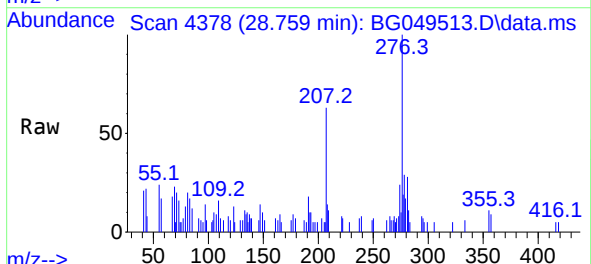
#93
Benzo(a)pyrene
Concen: 1.765 ng/ul m
RT: 24.870 min Scan# 3716
Delta R.T. 0.032 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40



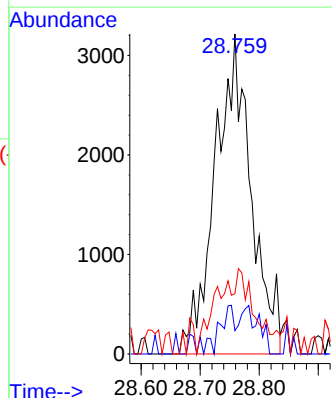
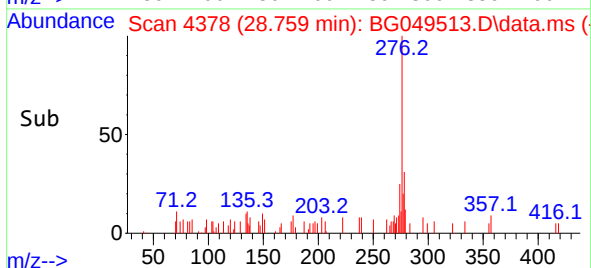
Tgt Ion:252 Resp: 11954
Ion Ratio Lower Upper
252 100
253 20.6 16.4 24.6
125 8.3 4.6 6.8#



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.568 ng/ul m
RT: 28.759 min Scan# 4378
Delta R.T. 0.020 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40



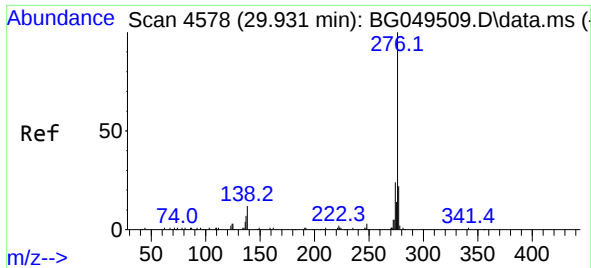
Tgt Ion:276 Resp: 13553
Ion Ratio Lower Upper
276 100
138 7.3 7.3 10.9
277 18.8 19.2 28.8#



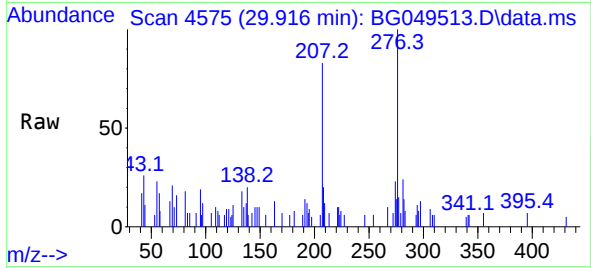
Instrument :
BNA_G
ClientSampleId :
C0048

Manual Integrations
APPROVED

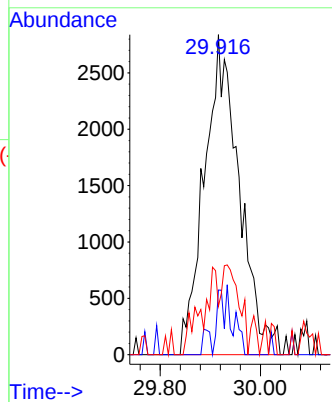
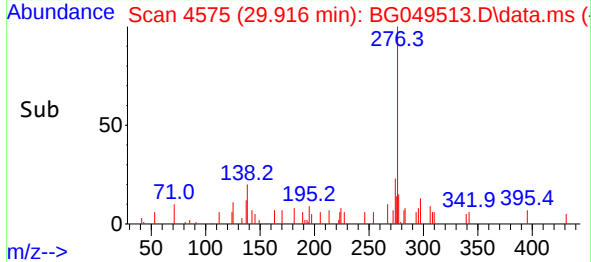
mohammad
7/28/2021 11:29:52 AM



#96
Benzo(g,h,i)perylene
Concen: 1.901 ng/ul m
RT: 29.916 min Scan# 4575
Delta R.T. 0.014 min
Lab File: BG049513.D
Acq: 27 Jul 2021 18:40



Tgt Ion:	276	Resp:	13658
Ion Ratio	Lower	Upper	
276	100		
138	20.2	10.8	16.2#
277	15.1	20.6	31.0#



Instrument :
BNA_G
ClientSampleId :
C0048

Manual Integrations
APPROVED

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