

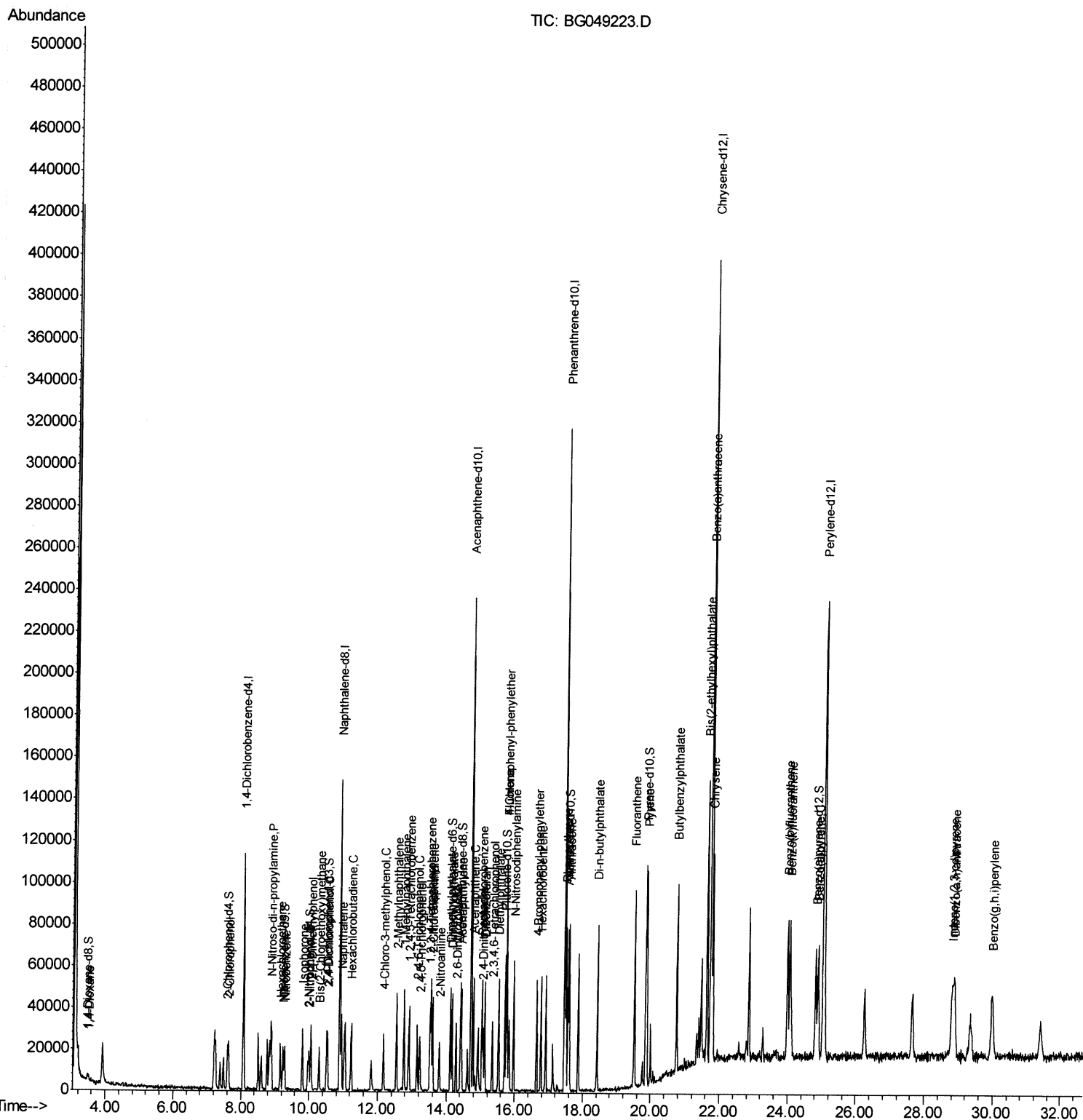
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049223.D
Acq On : 8 Jul 2021 19:43
Operator : CG/JU
Sample : SST00503
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005301

Quant Time: Jul 09 03:04:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Manual Integrations
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mohammad
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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
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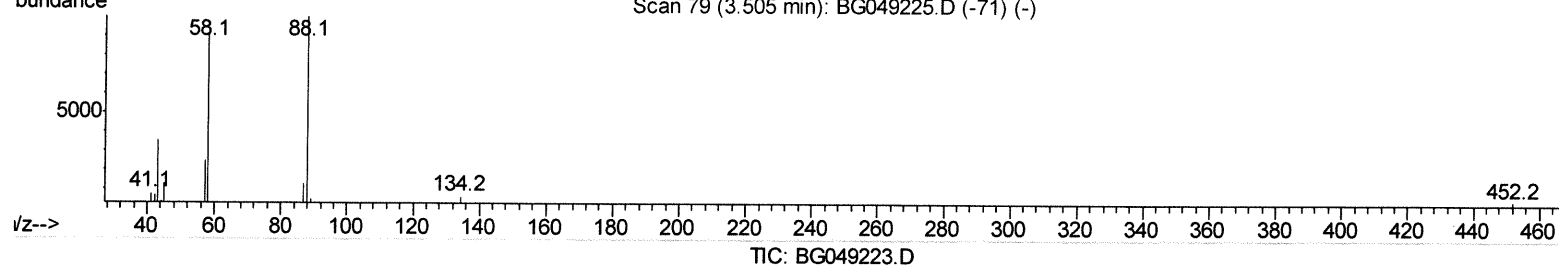
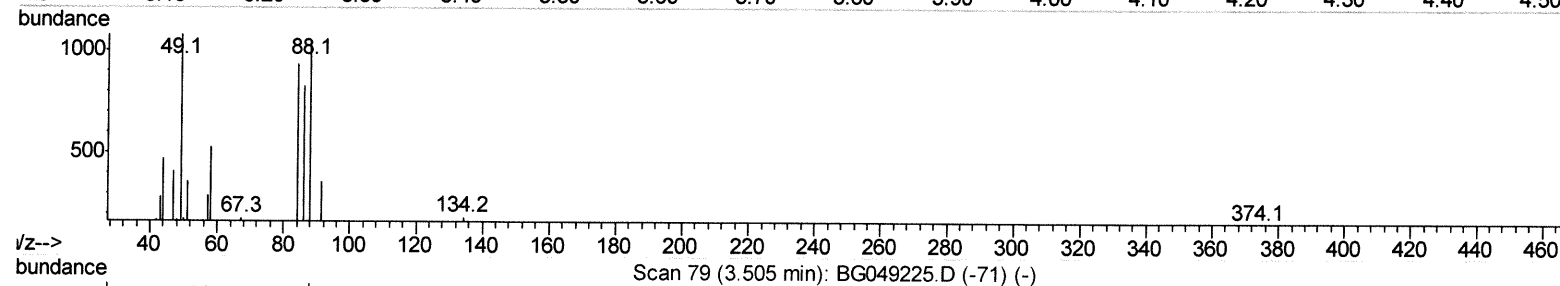
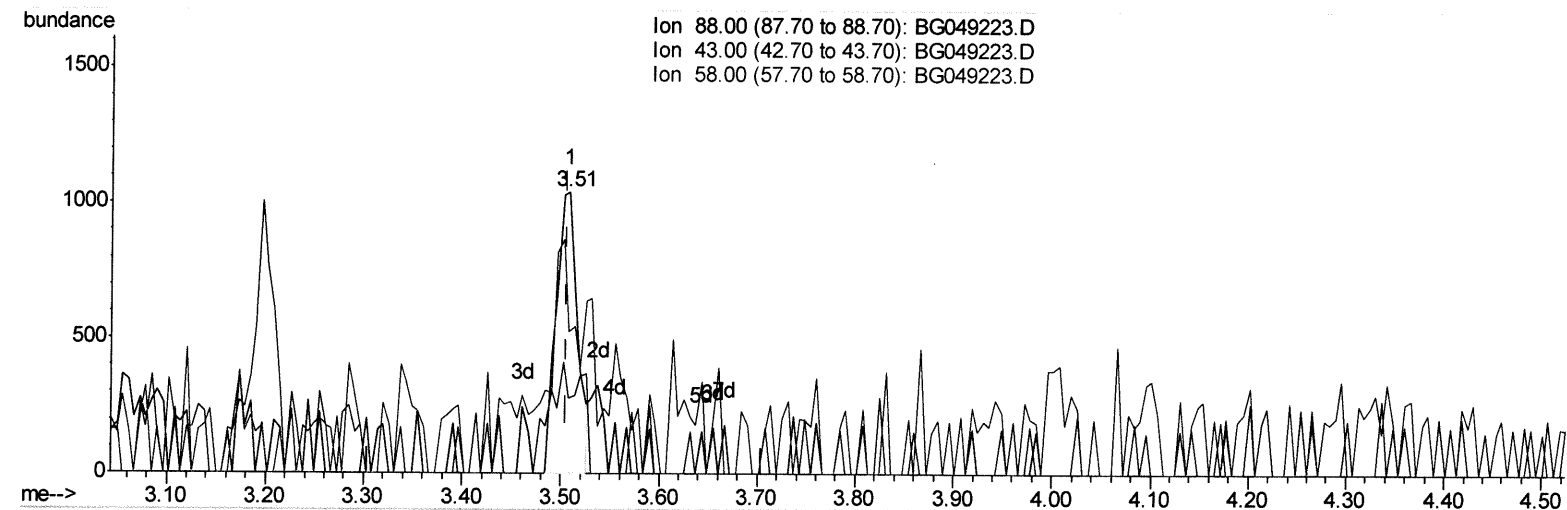
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Ion 88.00 (87.70 to 88.70): BG049223.D
 Ion 43.00 (42.70 to 43.70): BG049223.D
 Ion 58.00 (57.70 to 58.70): BG049223.D



(2) 1,4-Dioxane

3.508min (+0.003) 2.23ng/uL

response 1576

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	26.95#
58.00	90.90	50.34#
0.00	0.00	0.00

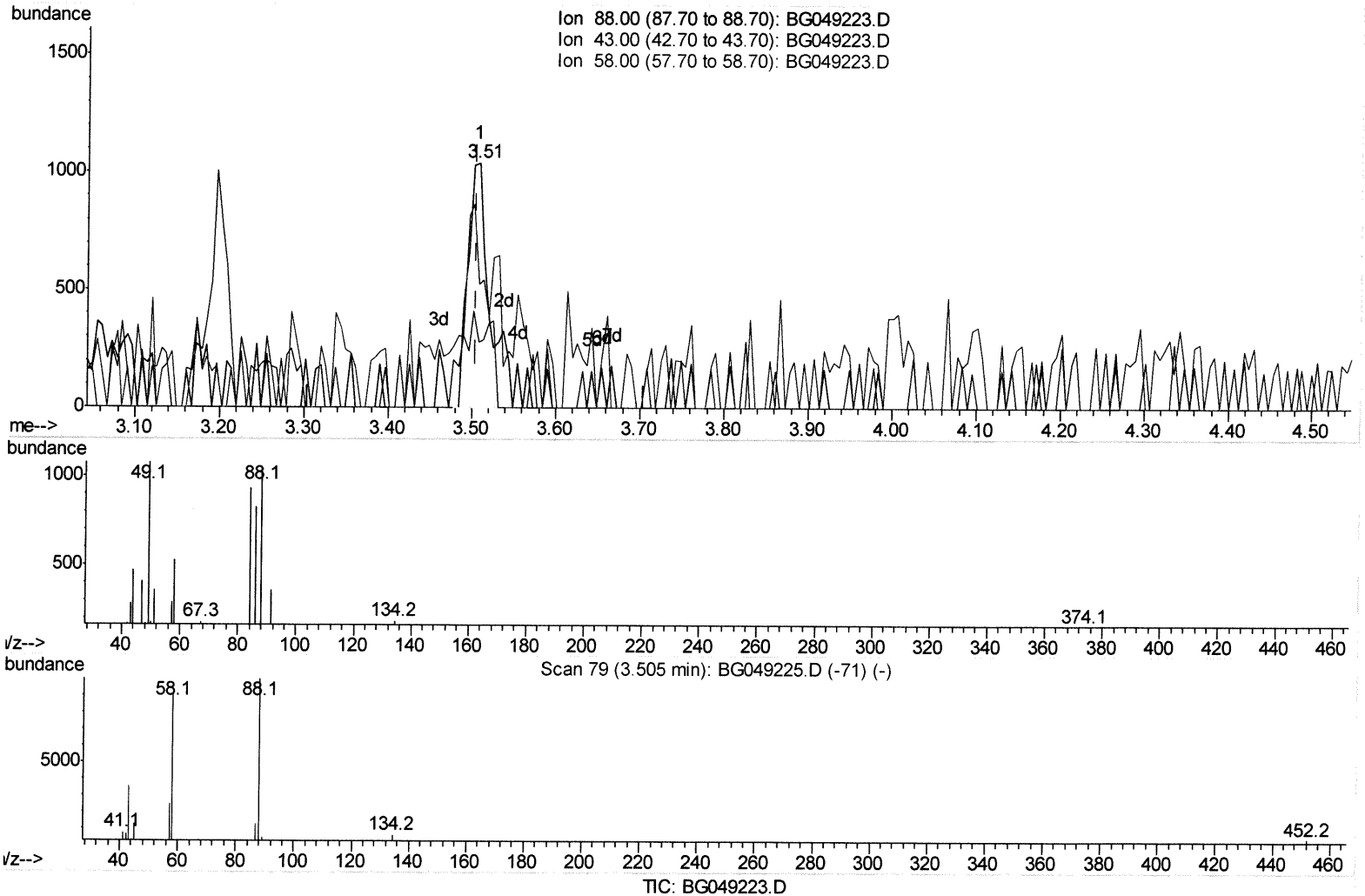
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(2) 1,4-Dioxane

3.508min (+0.003) 2.63ng/uL m 07/12/21 JU

response 1862

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	26.95#
58.00	90.90	50.34#
0.00	0.00	0.00

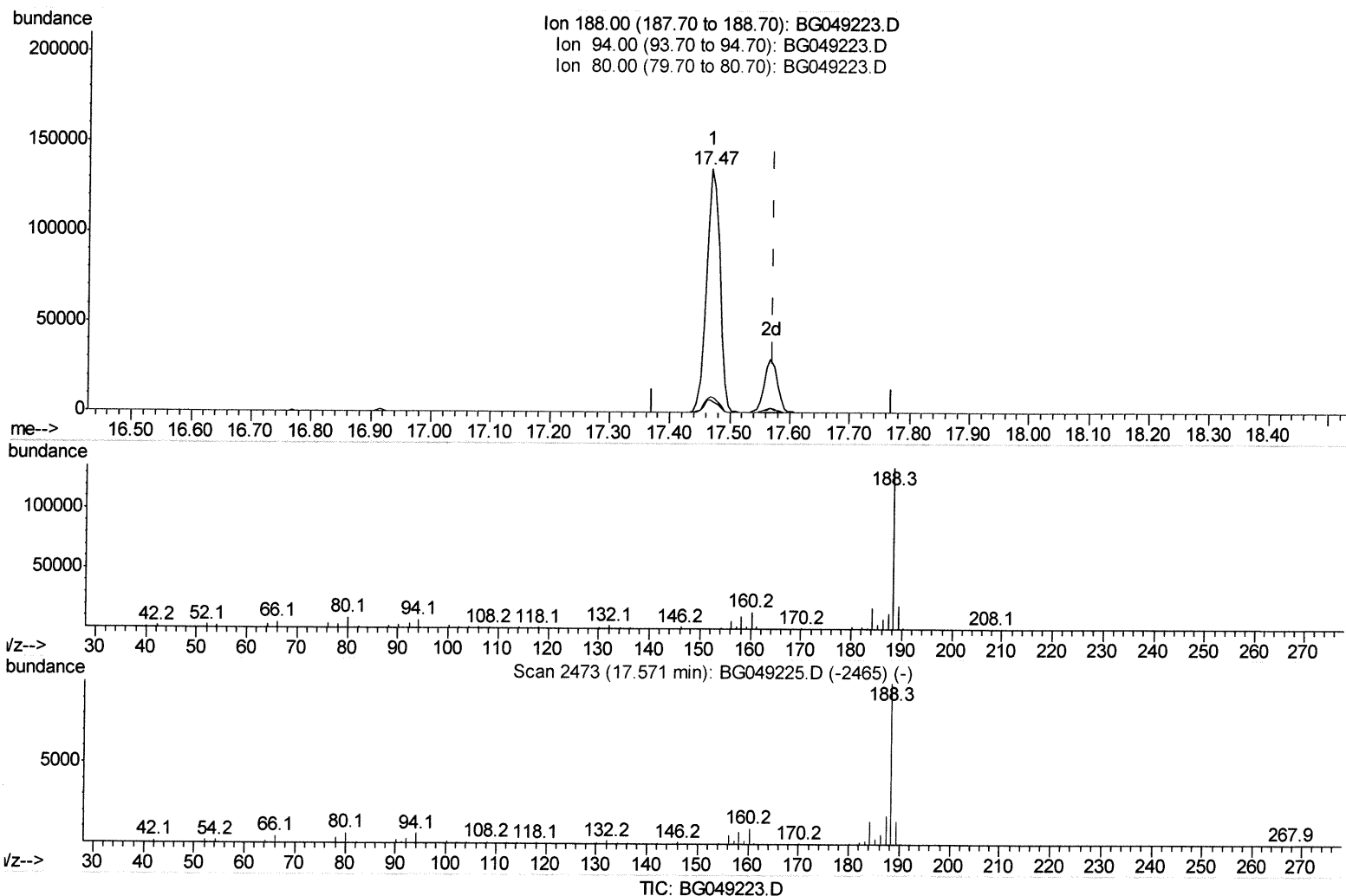
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(73) Anthracene-d10 (S)

17.468min (-0.103) 21.89ng/ul

response 208898

Ion	Exp%	Act%
188.00	100	100
94.00	6.10	5.09
80.00	6.30	6.56
0.00	0.00	0.00

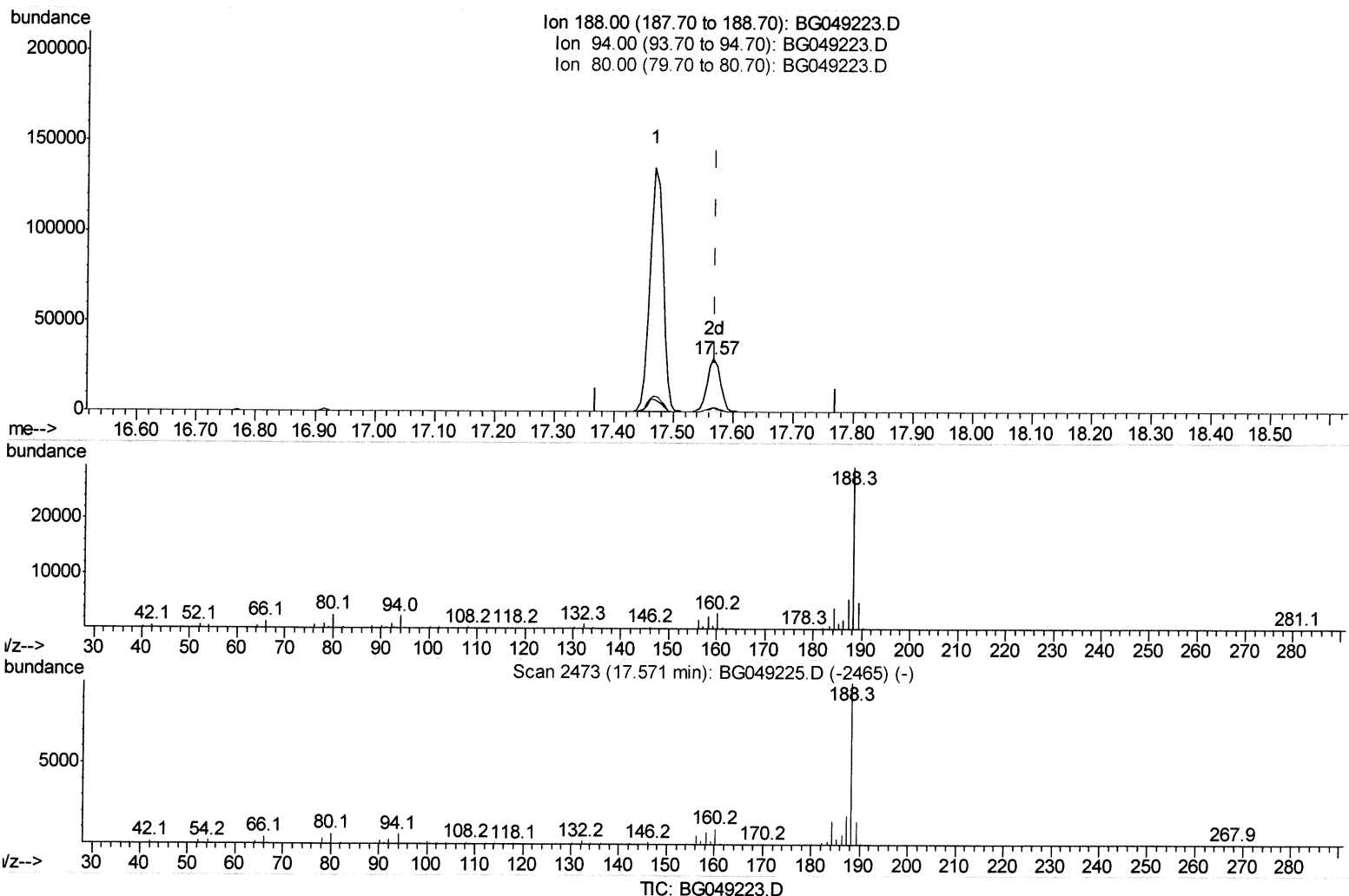
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(73) Anthracene-d10 (S)

17.568min (-0.003) 4.72ng/ul m 07/12/21 JU

response 45034

Ion	Exp%	Act%
188.00	100	100
94.00	6.10	7.90#
80.00	6.30	8.73#
0.00	0.00	0.00

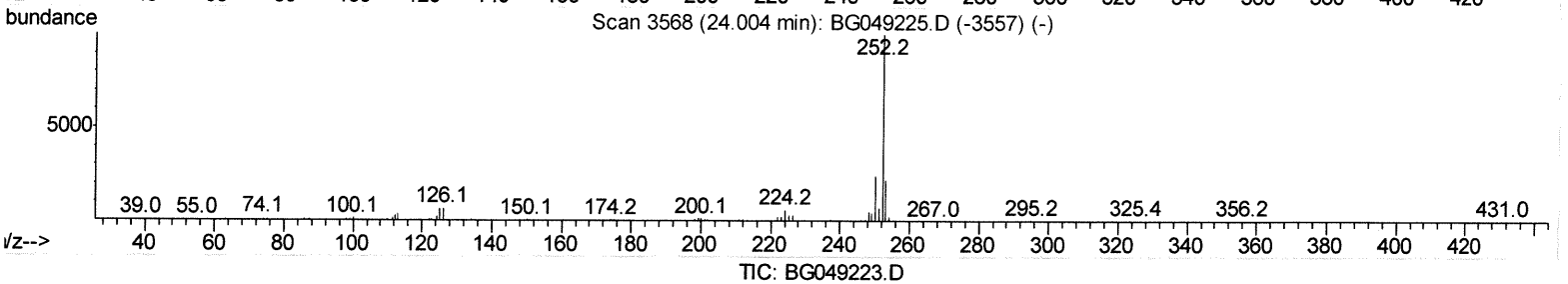
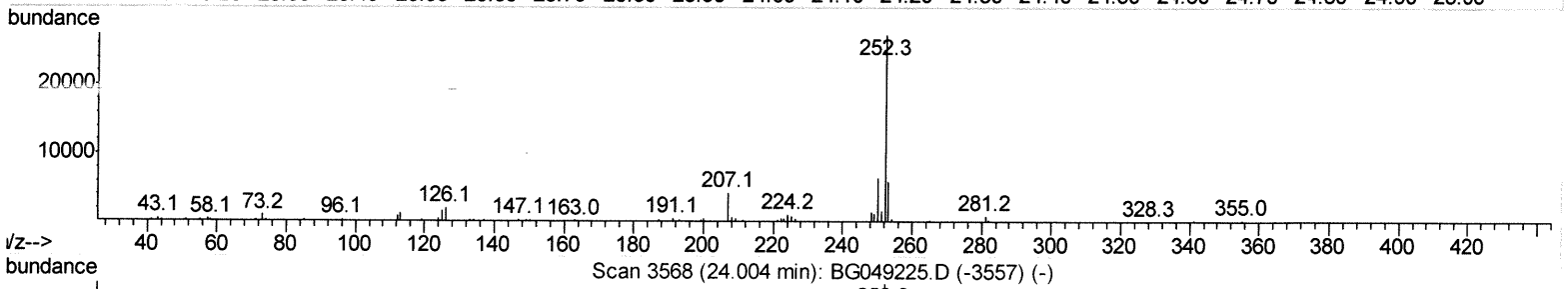
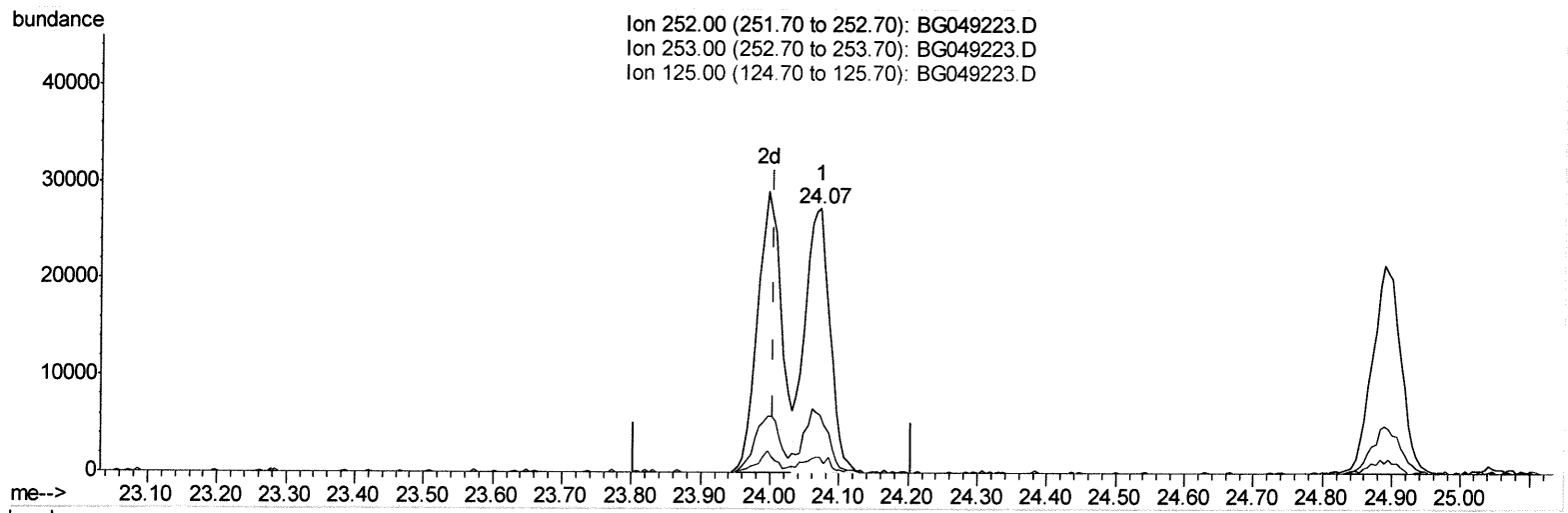
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(90) Benzo(b)fluoranthene

24.072min (+0.067) 4.26ng/ul

response 69385

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.59
125.00	6.00	5.89
0.00	0.00	0.00

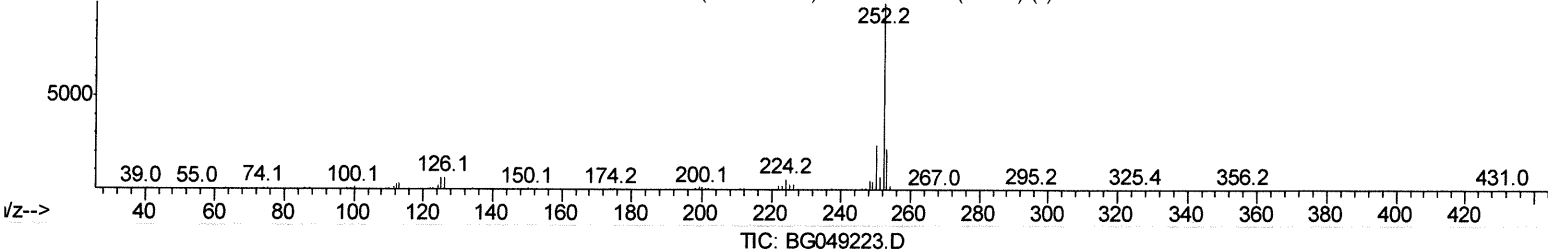
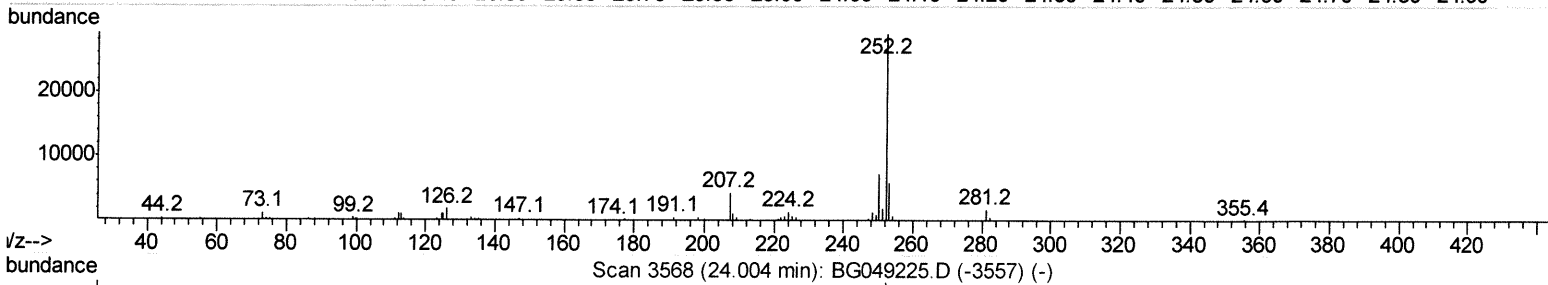
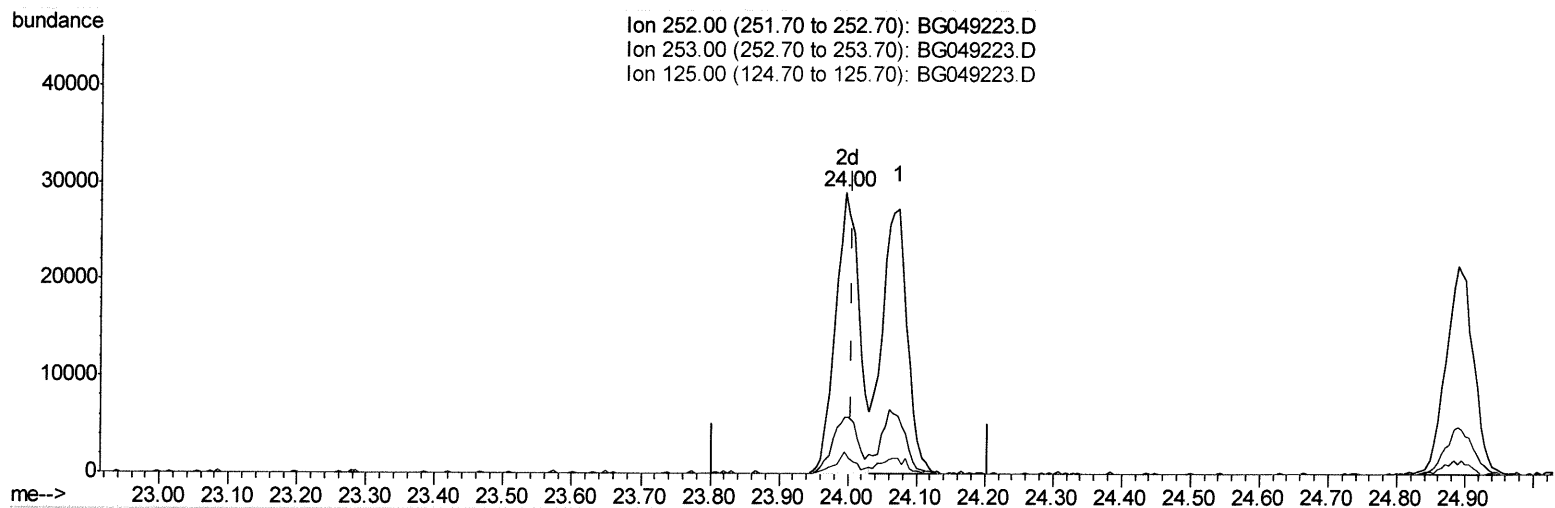
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
 Data File : BG049223.D
 Acq On : 8 Jul 2021 19:43
 Operator : CG/JU
 Sample : SST00503
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005301

Manual Integrations
 APPROVED

mohammad
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(90) Benzo(b)fluoranthene

23.996min (-0.009) 4.29ng/ul m 07/12/21 JU

response 69932

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	20.06
125.00	6.00	3.99#
0.00	0.00	0.00

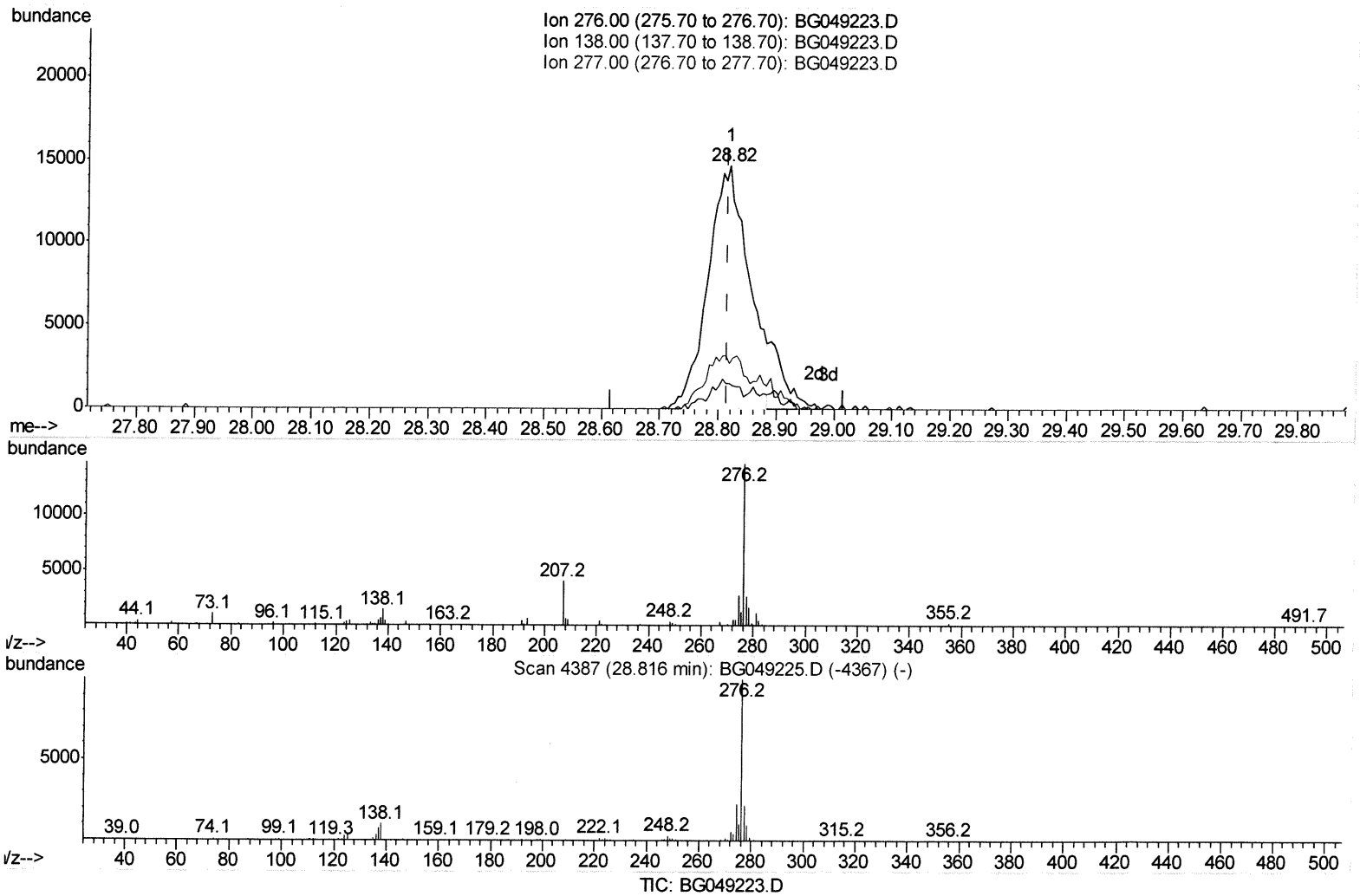
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 Data File : BG049223.D
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 Operator : CG/JU
 Sample : SST00503
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005301

Manual Integrations
 APPROVED

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(94) Indeno(1,2,3-cd)pyrene

28.819min (+0.003) 3.88ng/ul

response 71420

Ion	Exp%	Act%
276.00	100	100
138.00	10.00	10.36
277.00	22.10	18.86
0.00	0.00	0.00

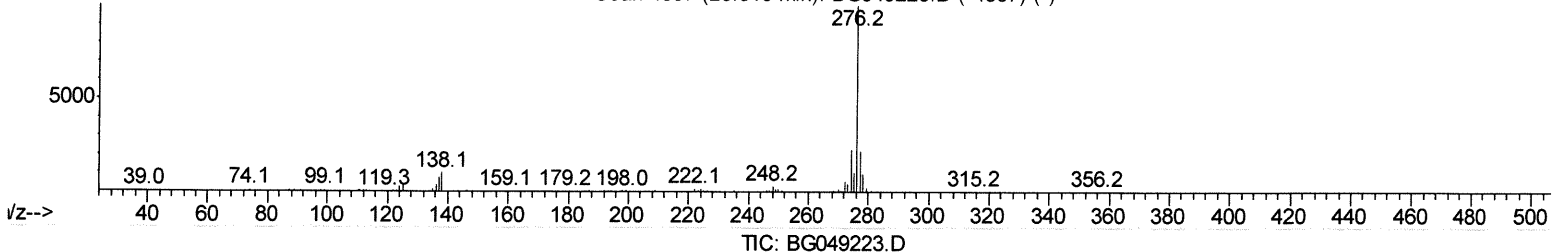
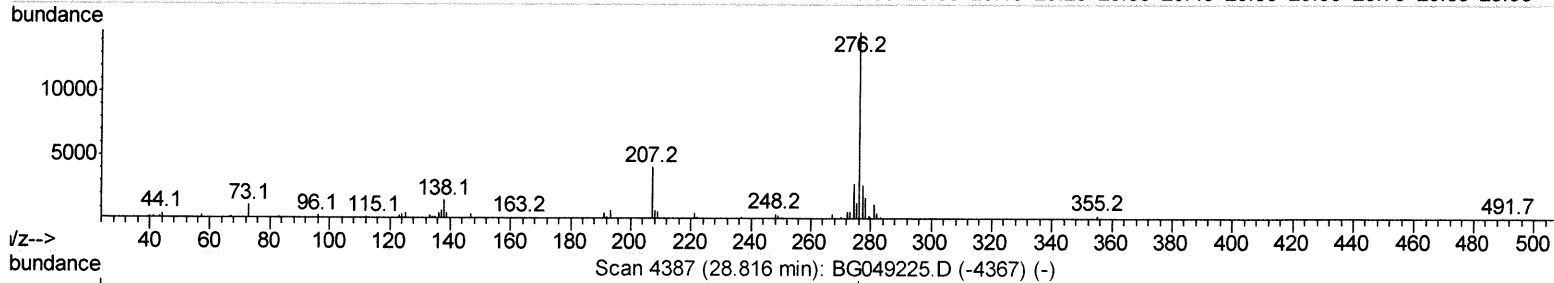
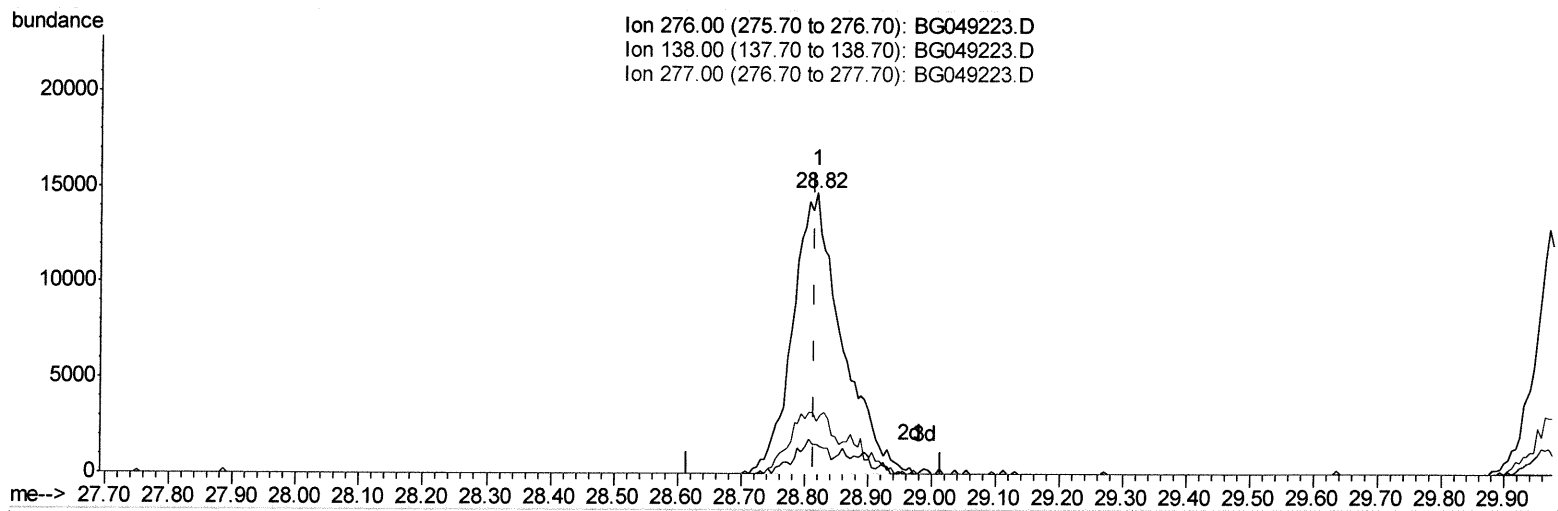
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 Data File : BG049223.D
 Acq On : 8 Jul 2021 19:43
 Operator : CG/JU
 Sample : SST00503
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005301

Manual Integrations
 APPROVED

mohammad
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 Response via : Initial Calibration



(94) Indeno(1,2,3-cd)pyrene

28.819min (+0.003) 4.30ng/ul m 07/12/21 JU

response 79124

Ion	Exp%	Act%
276.00	100	100
138.00	10.00	10.36
277.00	22.10	18.86
0.00	0.00	0.00

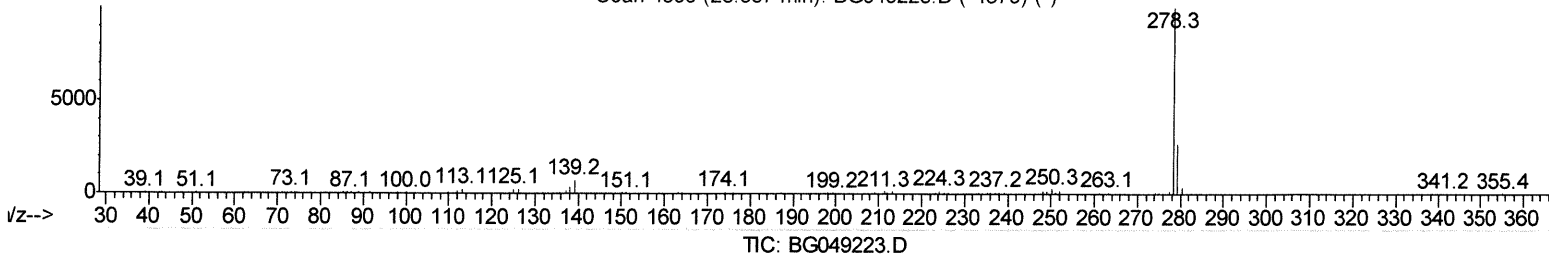
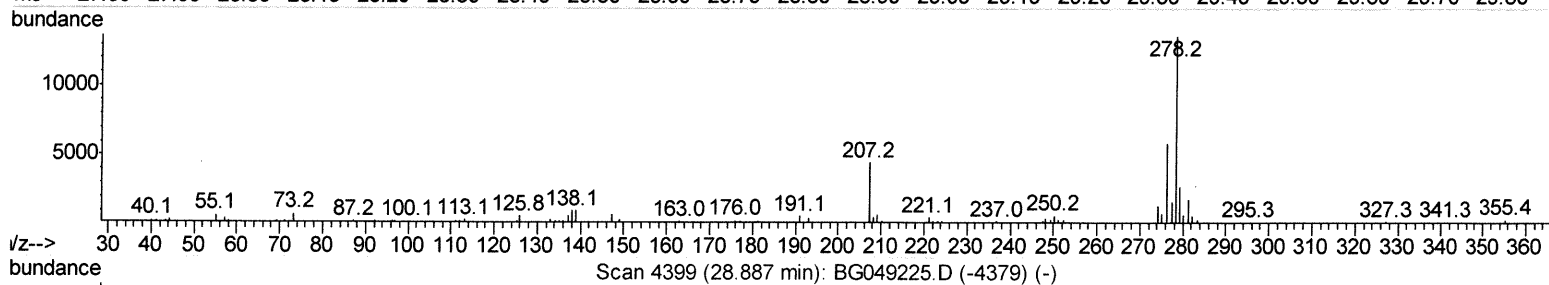
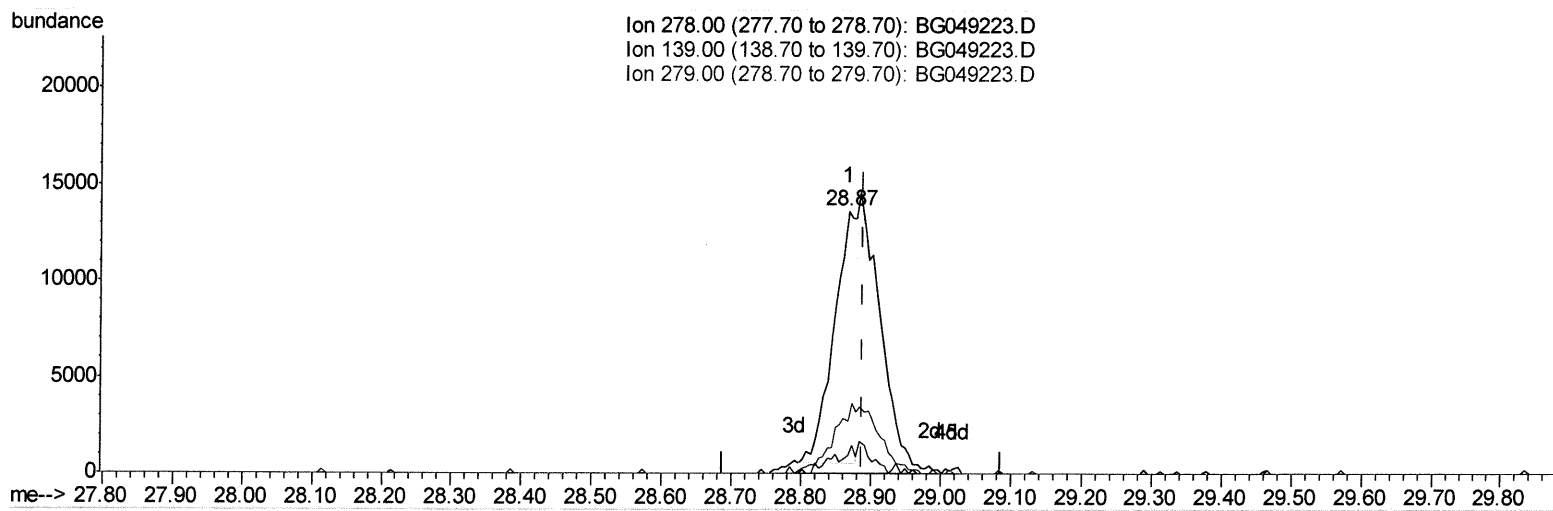
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 Sample : SST00503
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(95) Dibenzo(a,h)anthracene

28.866min (-0.021) 2.02ng/ul

response 30302

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	7.03
279.00	26.40	19.86#
0.00	0.00	0.00

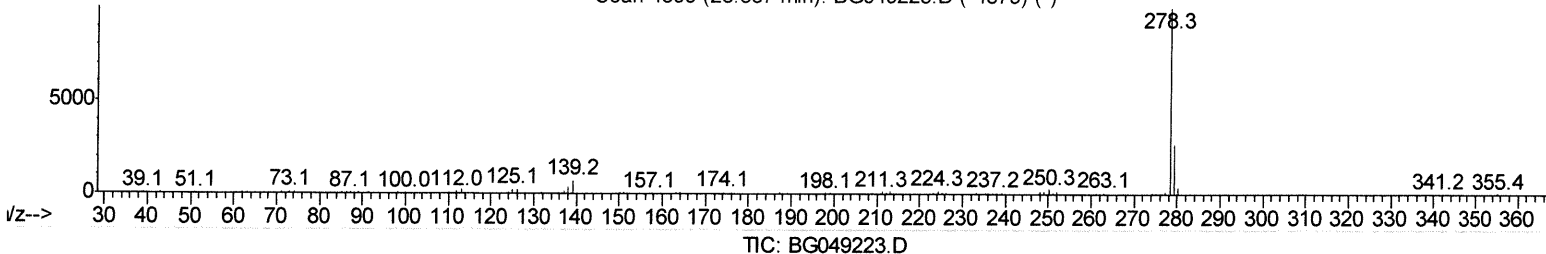
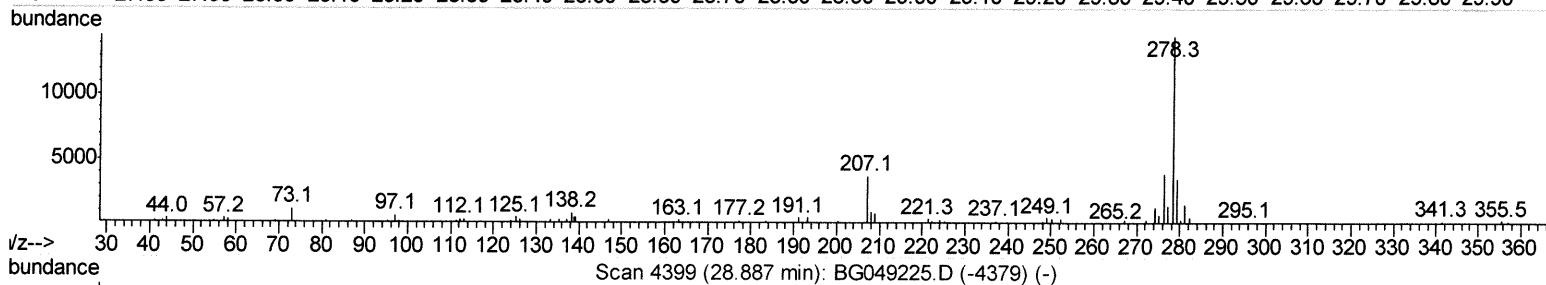
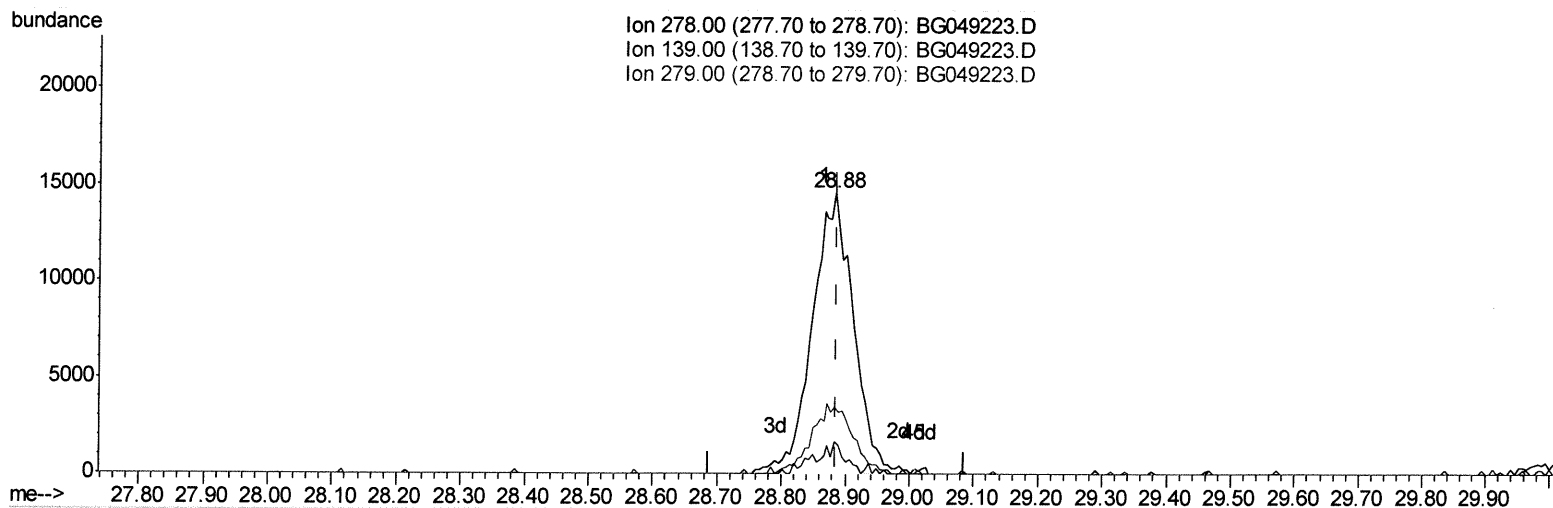
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(95) Dibenzo(a,h)anthracene

28.884min (-0.003) 4.39ng/ul m 07/12/21 JU

response 65671

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	4.08#
279.00	26.40	23.87
0.00	0.00	0.00

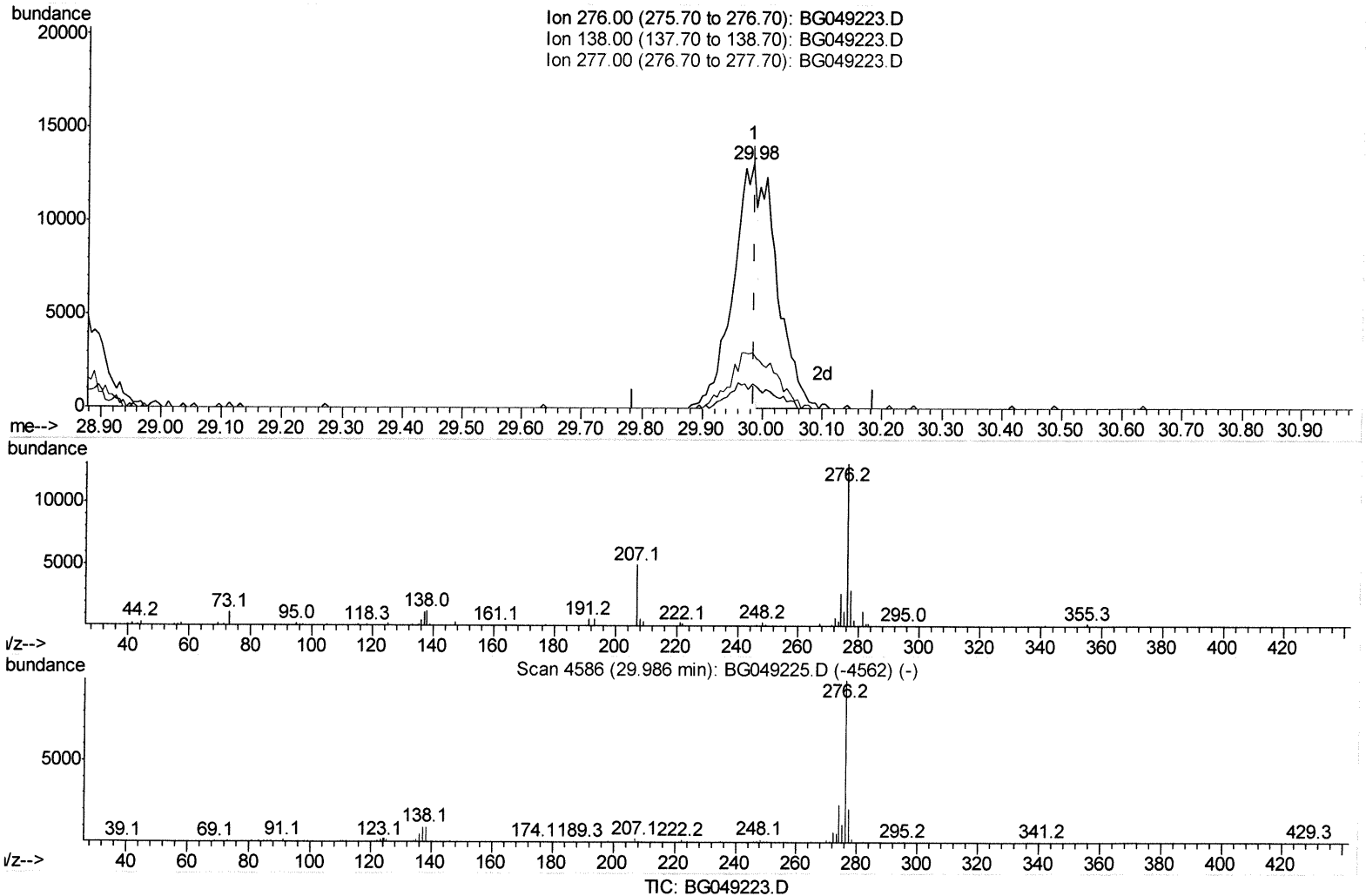
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(96) Benzo(g,h,i)perylene

29.983min (-0.003) 2.38ng/ul

response 35577

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	9.89
277.00	20.40	22.84
0.00	0.00	0.00

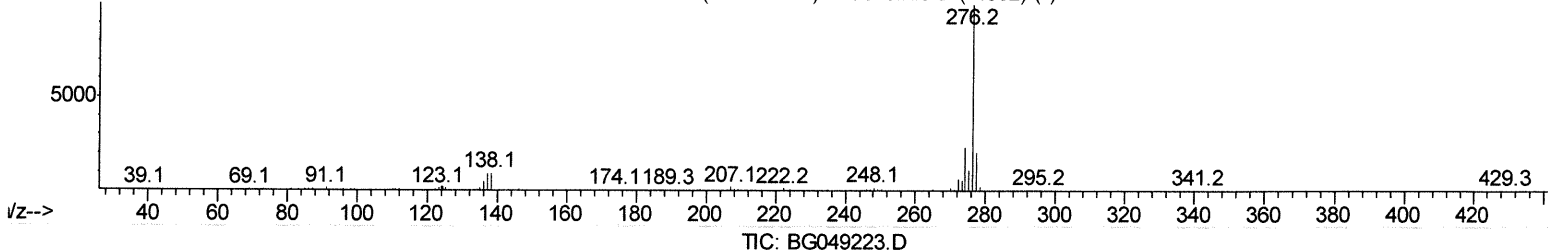
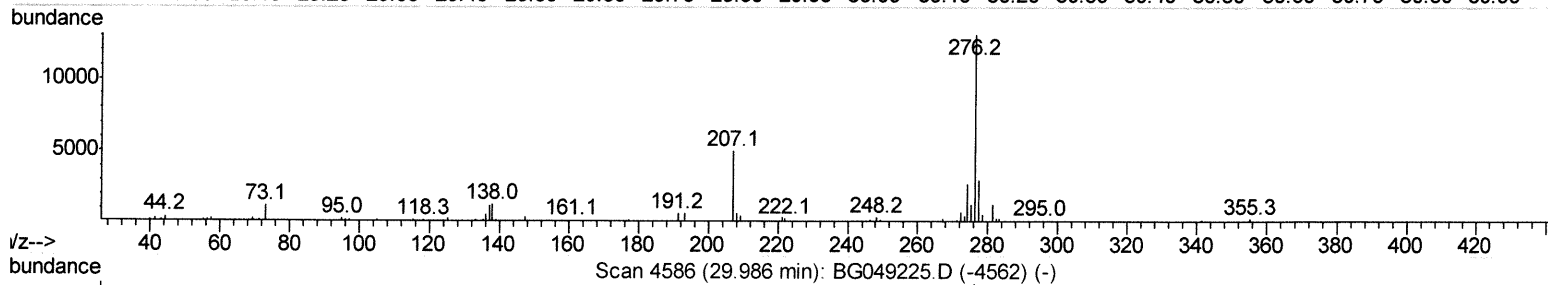
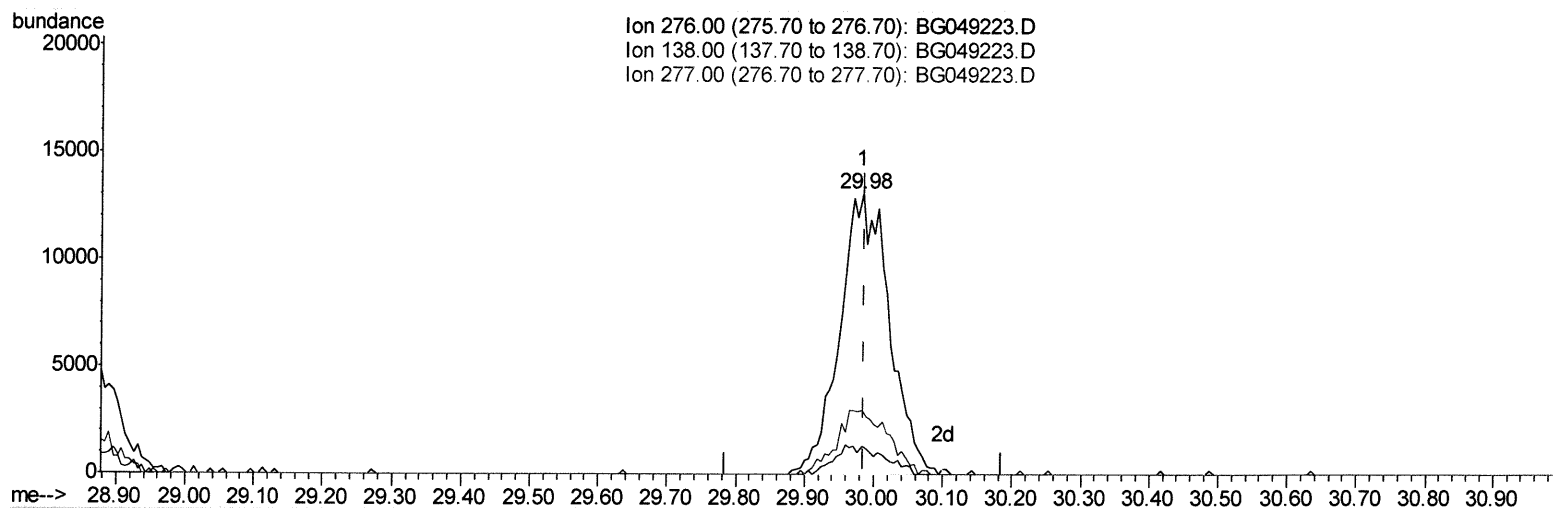
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(96) Benzo(g,h,i)perylene

29.983min (-0.003) 4.34ng/ul m 07/12/21 54

response 64704

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	9.89
277.00	20.40	22.84
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30523	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	124275	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	88588	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	208898	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	241449	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	246277	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1197	1.70	ng/uL	0.00
4) Pividine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.61	132	8691	4.72	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	9.24	128	4214	4.90	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	4717	5.01	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	9726	4.20	ng/ul	0.00
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	14.12	166	31072	4.26	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	37438	4.68	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.71	176	27021	4.20	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.57	188	45034m	4.72	ng/ul	0.00 07/12/21 JU
81) Pyrene-d10	19.85	212	55870	4.52	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	58166	4.36	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.51	88	1862m	2.634	ng/uL 07/12/21 JU
12) 2-Chlorophenol	7.64	128	8782	4.490	ng/ul 87
17) N-Nitroso-di-n-propylamine	8.88	70	8033	3.799	ng/ul# 97
19) Hexachloroethane	9.17	117	4402	4.830	ng/ul 88
22) Nitrobenzene	9.28	77	12896	4.546	ng/ul# 94
23) Isophorone	9.81	82	21502	3.667	ng/ul 99
25) 2-Nitrophenol	10.01	139	5199	4.846	ng/ul 86
26) 2,4-Dimethylphenol	10.05	107	11676	4.136	ng/ul# 84
27) Bis(2-Chloroethoxy)methane	10.29	93	10882	3.687	ng/ul 91
29) 2,4-Dichlorophenol	10.54	162	8738	4.041	ng/ul# 91
30) Naphthalene	10.95	128	29202	4.446	ng/ul 97
33) Hexachlorobutadiene	11.23	225	8104	3.940	ng/ul 91
35) 4-Chloro-3-methylphenol	12.17	107	9606	3.788	ng/ul 86
36) 2-Methylnaphthalene	12.56	142	22396	4.421	ng/ul# 71
37) 1-Methylnaphthalene	12.77	142	21736	4.332	ng/ul# 89
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	12732	3.775	ng/ul# 90
41) 2,4,6-Trichlorophenol	13.16	196	7754	3.736	ng/ul 91
42) 2,4,5-Trichlorophenol	13.23	196	8442	3.790	ng/ul# 83
43) 1,1'-Biphenyl	13.55	154	27691	4.224	ng/ul# 95
44) 2-Chloronaphthalene	13.60	162	21833	4.252	ng/ul 95
45) 2-Nitroaniline	13.80	65	7716	4.865	ng/ul# 91
47) Dimethylphthalate	14.17	163	29067	3.949	ng/ul# 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
 Data File : BG049223.D
 Acq On : 8 Jul 2021 19:43
 Operator : CG/JU
 Sample : SST00503
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005301

Manual Integrations
 APPROVED

mohammad
 7/9/2021 2:46:49 PM

Quant Time: Jul 09 03:04:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 02:34:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
48) 2,6-Dinitrotoluene	14.28	165	6359	5.044	ng/ul#	77	
50) Acenaphthylene	14.44	152	33618	4.381	ng/ul	97	
52) Acenaphthene	14.78	153	24575	4.318	ng/ul	90	
56) Dibenzofuran	15.12	168	34437	4.260	ng/ul	88	
57) 2,4-Dinitrotoluene	15.08	165	8655	4.773	ng/ul#	90	
58) 2,3,4,6-Tetrachlorophenol	15.35	232	7443	3.535	ng/ul#	85	
59) Diethylphthalate	15.53	149	31379	4.265	ng/ul	95	
61) Fluorene	15.77	166	28681	4.168	ng/ul	85	
62) 4-Chlorophenyl-phenylether	15.76	204	16088	3.854	ng/ul#	92	
67) N-Nitrosodiphenylamine	15.97	169	25015	4.323	ng/ul	94	
68) 4-Bromophenyl-phenylether	16.66	248	10017	3.770	ng/ul	92	
69) Hexachlorobenzene	16.77	284	12508	4.480	ng/ul	95	
72) Phenanthrene	17.51	178	47431	4.472	ng/ul	99	
74) Anthracene	17.60	178	50479	4.626	ng/ul	99	
75) 1,2,3,4-Tetrachlorobenzene	13.53	216	13320	4.067	ng/ul	93	
76) Pentachlorobenzene	15.04	250	13631	3.973	ng/ul	93	
78) Di-n-butylphthalate	18.43	149	55295	4.779	ng/ul#	98	
80) Fluoranthene	19.52	202	64541	4.212	ng/ul	99	
82) Pyrene	19.88	202	66177	4.325	ng/ul#	96	
83) Butylbenzylphthalate	20.76	149	25526	4.665	ng/ul	94	
85) Benzo(a)anthracene	21.73	228	71099	4.457	ng/ul	99	
86) Bis(2-ethylhexyl)phthalate	21.63	149	37773	4.735	ng/ul#	94	
87) Chrysene	21.80	228	66327	4.348	ng/ul	97	
90) Benzo(b)fluoranthene	24.00	252	69932m >	4.293	ng/ul >	97	07/12/21JU
91) Benzo(k)fluoranthene	24.07	252	69385	4.335	ng/ul#	97	
93) Benzo(a)pyrene	24.89	252	61130	4.272	ng/ul	97	
94) Indeno(1,2,3-cd)pyrene	28.82	276	79124m }	4.298	ng/ul }	97	
95) Dibenzo(a,h)anthracene	28.88	278	65671m }	4.388	ng/ul }	97	07/12/21JU
96) Benzo(a,h,i)perylene	29.98	276	64704m }	4.337	ng/ul }	97	

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