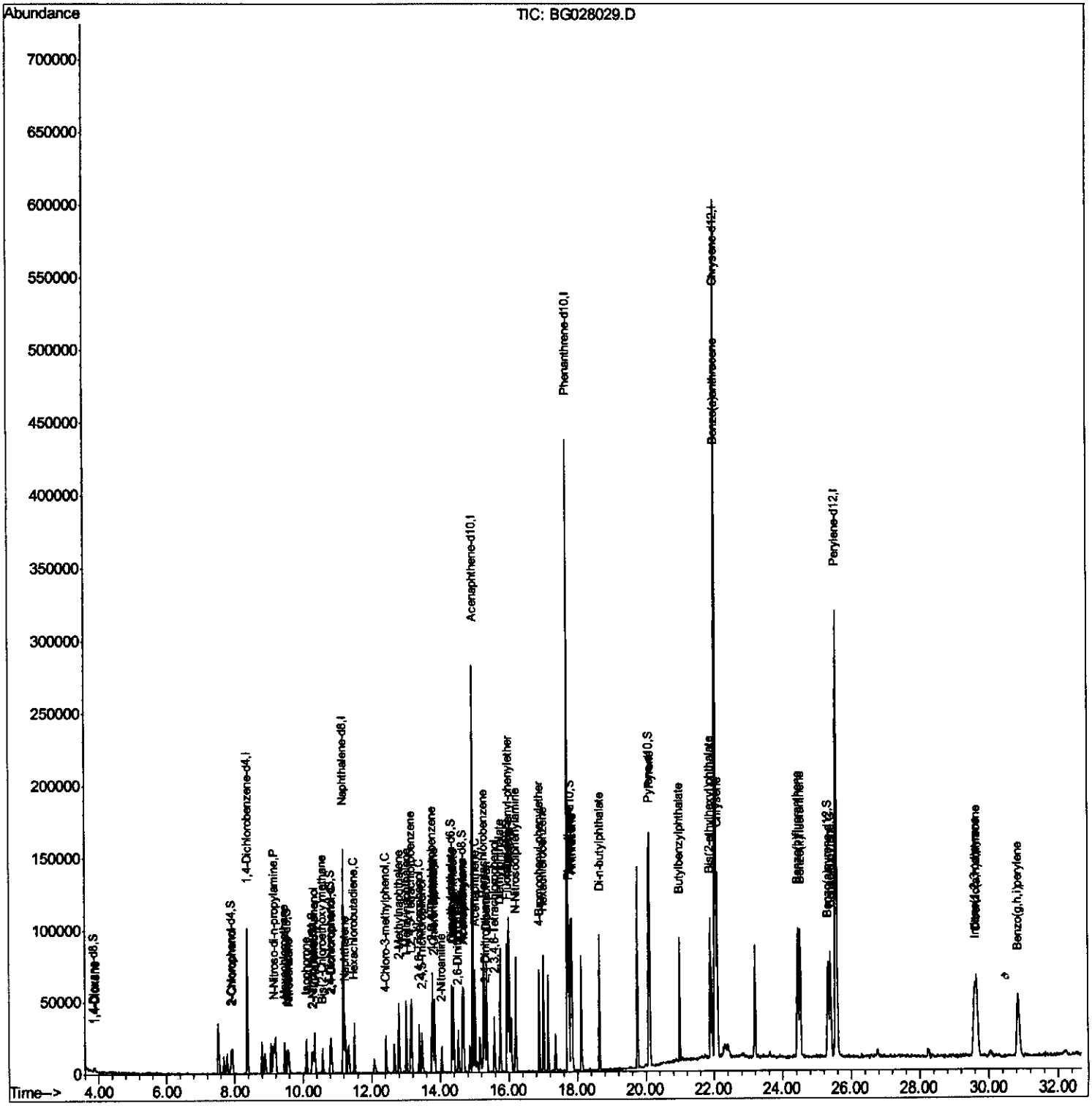
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
Data File : BG028029.D
Acq On : 27 Jul 2017 16:30
Operator : SJ/JU
Sample : SSTD00571
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 27 19:26:04 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 27 19:05:09 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00571

Manual Integrations APPROVED
Sohil
7/28/2017 4:45:40 PM



Quantitation Report (Qedit)

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Data File : BG028029.D
Acq On : 27 Jul 2017 16:30
Operator : SJ/JU
Sample : SSTD00571
Misc :
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Quant Time: Jul 27 19:06:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 27 19:05:09 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00571

Manual Integrations APPROVED
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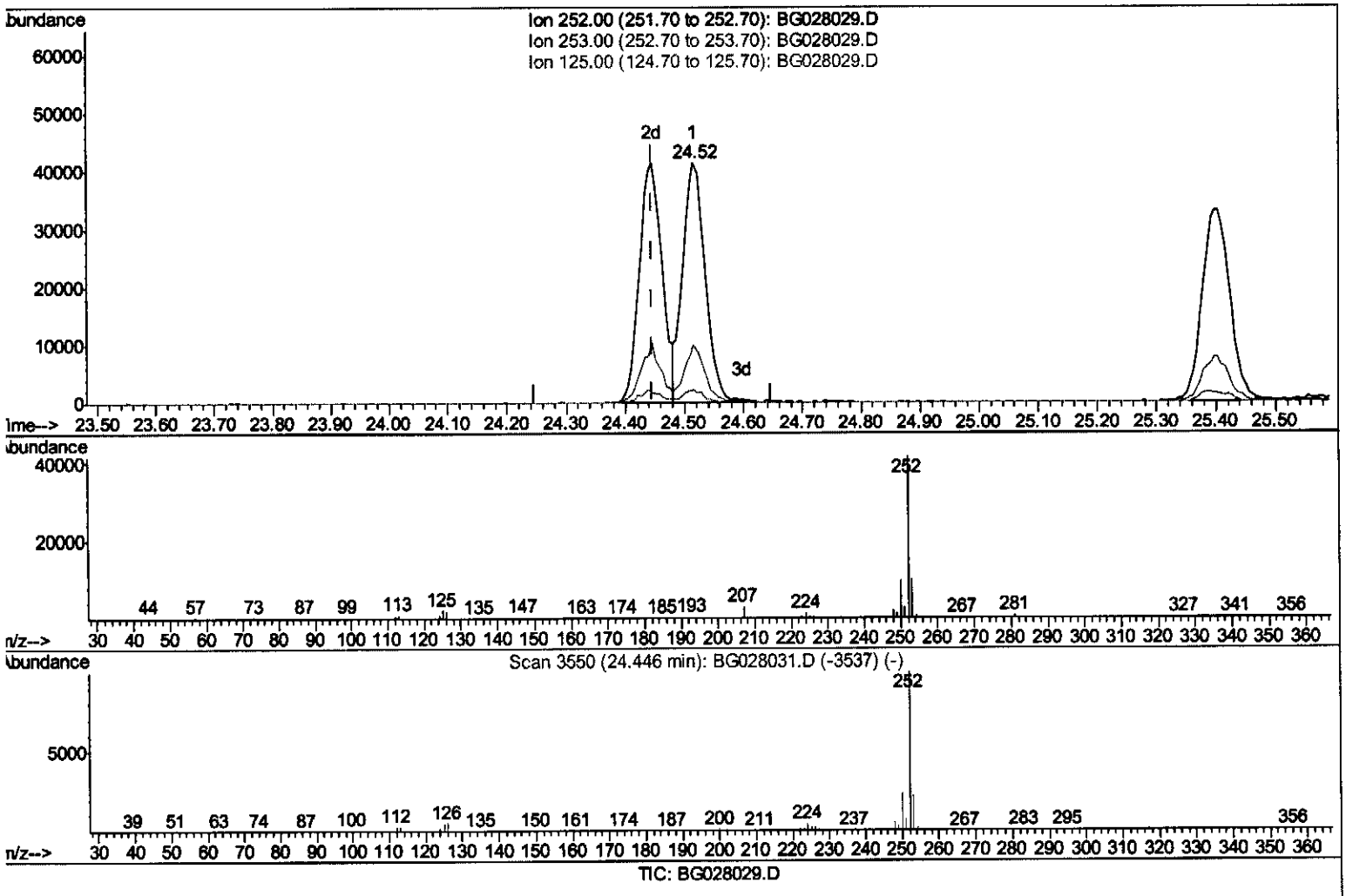

TIC: BG028029.D

(88) Benzo(b)fluoranthene

24.515min (+0.069) 4.03ng/ul

response 108687

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.30
125.00	6.10	5.70
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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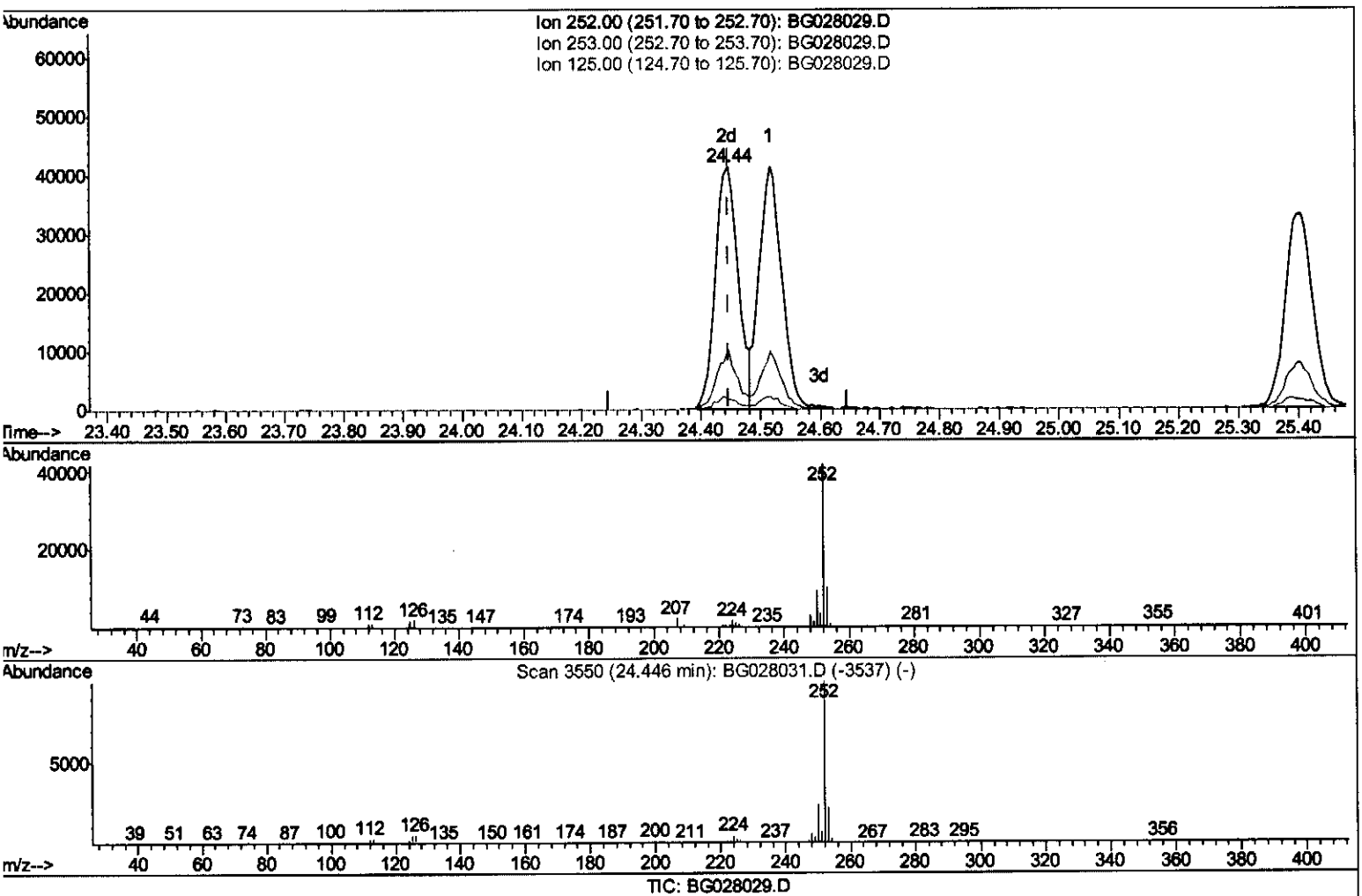
Instrument :
BNA_G
ClientSampleId :
SSTD00571

Manual Integrations APPROVED
Sohil
7/28/2017 4:45:40 PM



TIC: BG028029.D

(88) Benzo(b)fluoranthene

24.445min (-0.001) 4.12ng/ul m JU 08/04/17

response 111028

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.88
125.00	6.10	4.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

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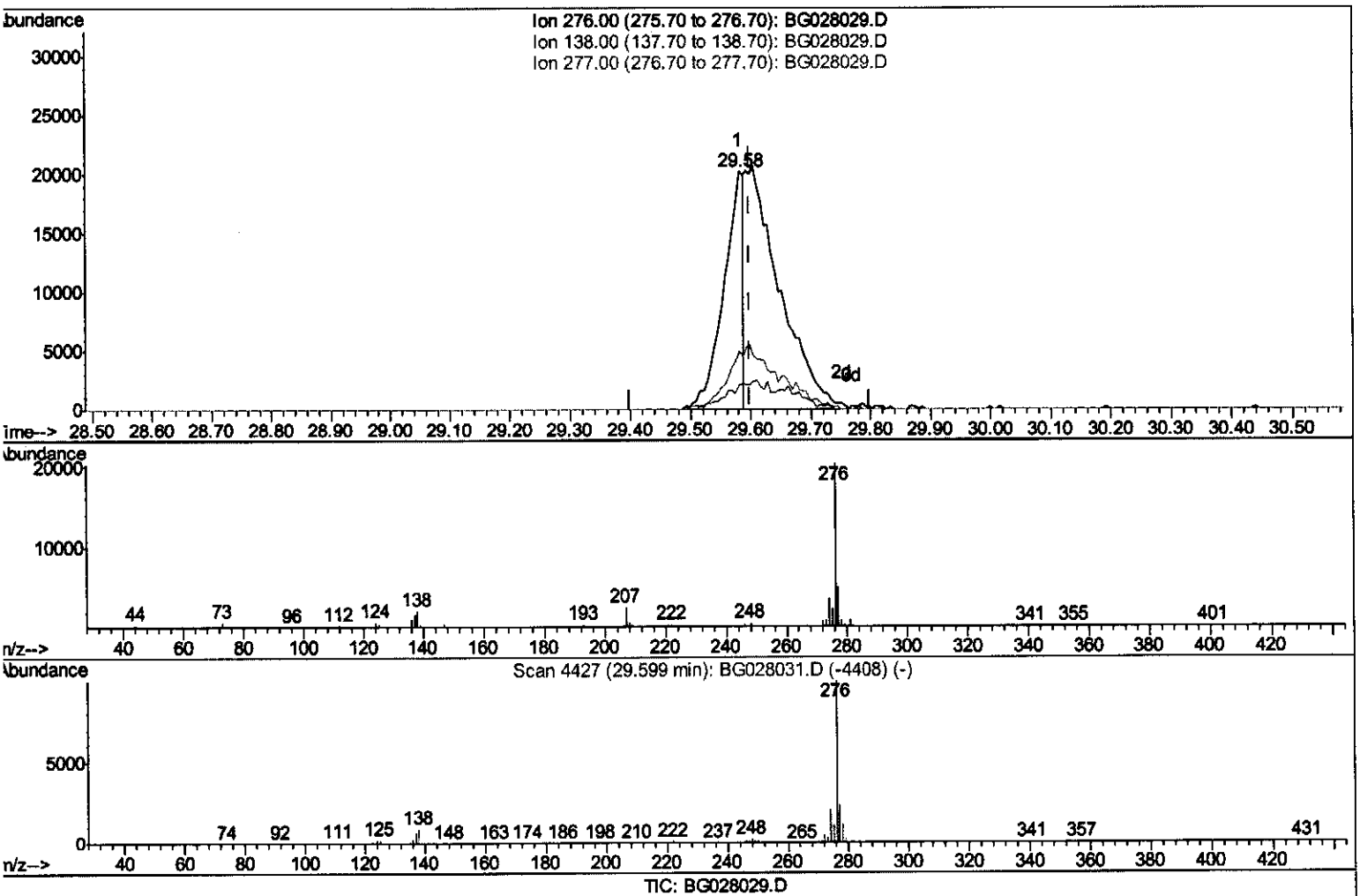
Acq On : 27 Jul 2017 16:30
Operator : SJ/JU
Sample : SSTD00571
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 27 19:06:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 27 19:05:09 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00571

Manual Integrations APPROVED
Sohil
7/28/2017 4:45:40 PM



TIC: BG028029.D

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

29.580min (-0.019) 1.47ng/ul

response 45071

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	10.40#
277.00	23.60	24.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
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Sample : SSTD00571
Misc :
ALS Vial : 2 Sample Multiplier: 1

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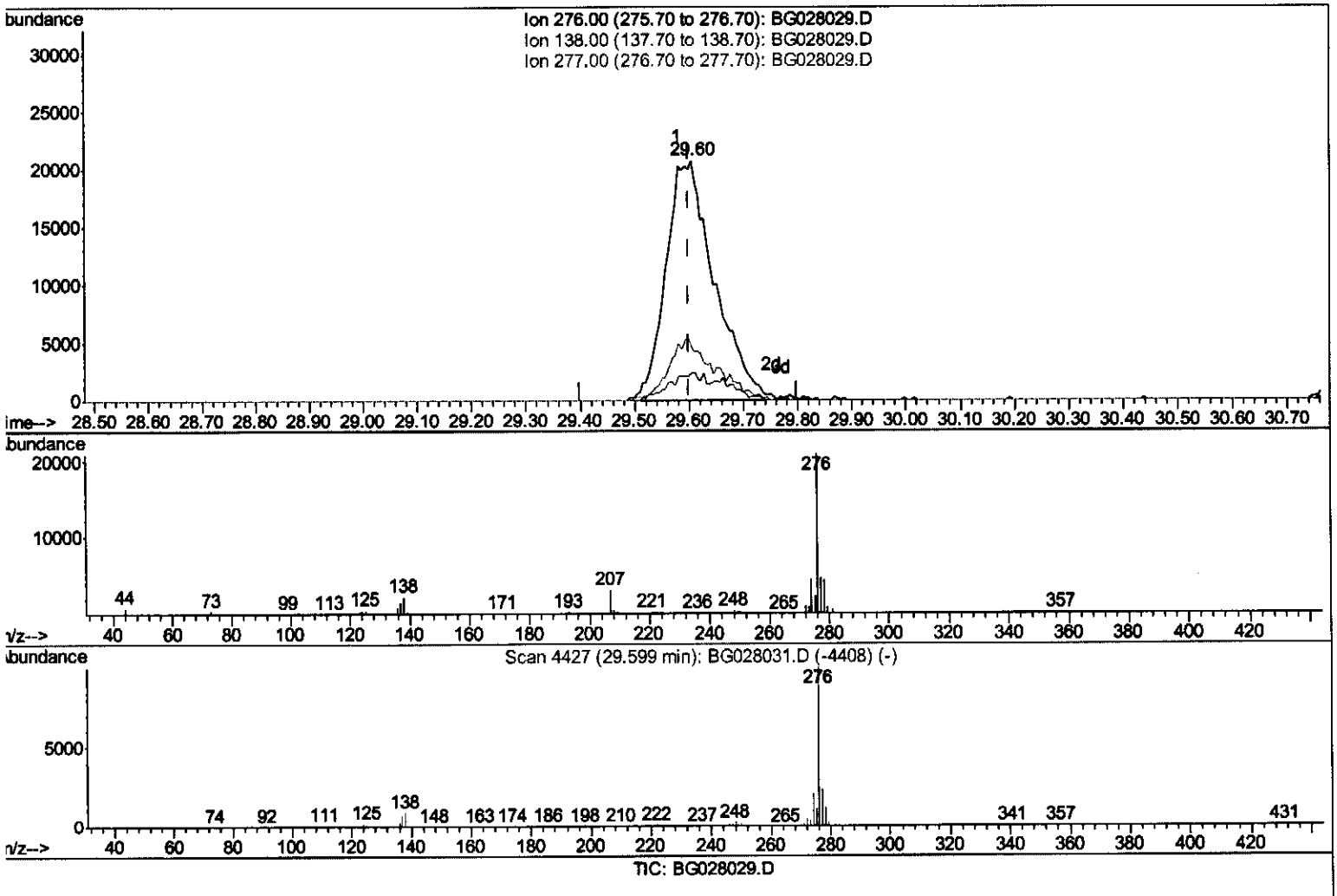
Instrument :
BNA_G
ClientSampleId :
SSTD00571

Manual Integrations APPROVED
Sohil
7/28/2017 4:45:40 PM



TIC: BG028029.D

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

29.604min (+0.004) 4.16ng/ul m 08/1/17

response 127544

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	11.25
277.00	23.60	22.20
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG028029.D
Acq On : 27 Jul 2017 16:30
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Sample : SSTD00571
Misc :
ALS Vial : 2 Sample Multiplier: 1

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QLast Update : Thu Jul 27 19:05:09 2017
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Instrument : BNA_G
ClientSampleId : SSTD00571

Manual Integrations APPROVED
Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	31939	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	143766	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	106184	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	315173	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	429626	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	418727	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	795	1.22	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.90	132	9232	4.30	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.53	128	4804	4.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	5986	4.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	10760	4.29	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.36	166	48414	5.22	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	50792	4.88	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.96	176	44404	5.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.82	188	74961	4.85	ng/ul	0.00
79) Pyrene-d10	20.09	212	94275	4.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	88311	3.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	1026	1.299	ng/uL#	46
10) 2-Chlorophenol	7.93	128	8603	3.822	ng/ul#	87
15) N-Nitroso-di-n-propylamine	9.15	70	6424	3.325	ng/ul#	83
17) Hexachloroethane	9.46	117	3942	4.121	ng/ul	85
20) Nitrobenzene	9.57	77	10154	3.443	ng/ul#	86
21) Isophorone	10.09	82	18300	3.173	ng/ul	96
23) 2-Nitrophenol	10.29	139	5580	3.816	ng/ul#	78
24) 2,4-Dimethylphenol	10.33	107	11256	3.664	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.56	93	10935	3.386	ng/ul#	91
27) 2,4-Dichlorophenol	10.83	162	10413	3.911	ng/ul	92
28) Naphthalene	11.23	128	31772	3.911	ng/ul	95
31) Hexachlorobutadiene	11.51	225	9854	4.356	ng/ul	90
33) 4-Chloro-3-methylphenol	12.44	107	10547	3.669	ng/ul	98
34) 2-Methylnaphthalene	12.82	142	26502	4.373	ng/ul	89
35) 1-Methylnaphthalene	13.03	142	25249	4.415	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	20667	4.760	ng/ul	99
39) 2,4,6-Trichlorophenol	13.41	196	10724	4.527	ng/ul#	92
40) 2,4,5-Trichlorophenol	13.49	196	11903	4.578	ng/ul	95
41) 1,1'-Biphenyl	13.80	154	38792	4.566	ng/ul#	94
42) 2-Chloronaphthalene	13.85	162	31101	4.494	ng/ul	94
43) 2-Nitroaniline	14.06	65	6369	3.200	ng/ul#	87
45) Dimethylphthalate	14.40	163	43764	4.396	ng/ul	99
46) 2,6-Dinitrotoluene	14.53	165	8238	4.225	ng/ul#	89

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Manual Integrations APPROVED
Sohil
7/28/2017 4:45:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.70	152	46618	4.245	ng/ul	98
50) Acenaphthene	15.03	153	33423	4.409	ng/ul	97
54) Dibenzofuran	15.37	168	50941	4.465	ng/ul	97
55) 2,4-Dinitrotoluene	15.32	165	11648	3.972	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.59	232	12412	5.360	ng/ul#	82
57) Diethylphthalate	15.76	149	52194	5.165	ng/ul	99
59) Fluorene	16.01	166	44016	4.730	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.00	204	26637	4.929	ng/ul	97
65) N-Nitrosodiphenylamine	16.21	169	37525	4.110	ng/ul	96
66) 4-Bromophenyl-phenylether	16.90	248	19505	4.894	ng/ul	92
67) Hexachlorobenzene	17.02	284	22564	5.108	ng/ul#	90
70) Phenanthrene	17.76	178	77539	4.135	ng/ul	98
72) Anthracene	17.85	178	80801	4.268	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	21071	4.647	ng/uL	90
74) Pentachlorobenzene	15.29	250	31517	6.675	ng/uL	94
76) Di-n-butylphthalate	18.65	149	71735	3.780	ng/ul	99
80) Pyrene	20.12	202	112456	4.128	ng/ul#	93
81) Butylbenzylphthalate	20.99	149	29856	3.261	ng/ul	89
83) Benzo(a)anthracene	22.04	228	112234	4.187	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.90	149	45805	3.392	ng/ul	98
85) Chrysene	22.11	228	104369	4.118	ng/ul	89
88) Benzo(b)fluoranthene	24.44	252	111028m	4.116	ng/ul	95
89) Benzo(k)fluoranthene	24.52	252	109414	4.108	ng/ul	95
91) Benzo(a)pyrene	25.40	252	106482	4.102	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.60	276	127544m	4.164	ng/ul	97
93) Dibenzo(a,h)anthracene	29.66	278	108344	4.295	ng/ul#	97
94) Benzo(g,h,i)perylene	30.86	276	106891	4.230	ng/ul	97

08/4/17

08/4/17

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