Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111920\
Data File : BG047348.D
Acq On : 19 Nov 2020 10:21
Operator : CG/JU
Sample : SSTD00530
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 13:09:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 13:02:11 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00530

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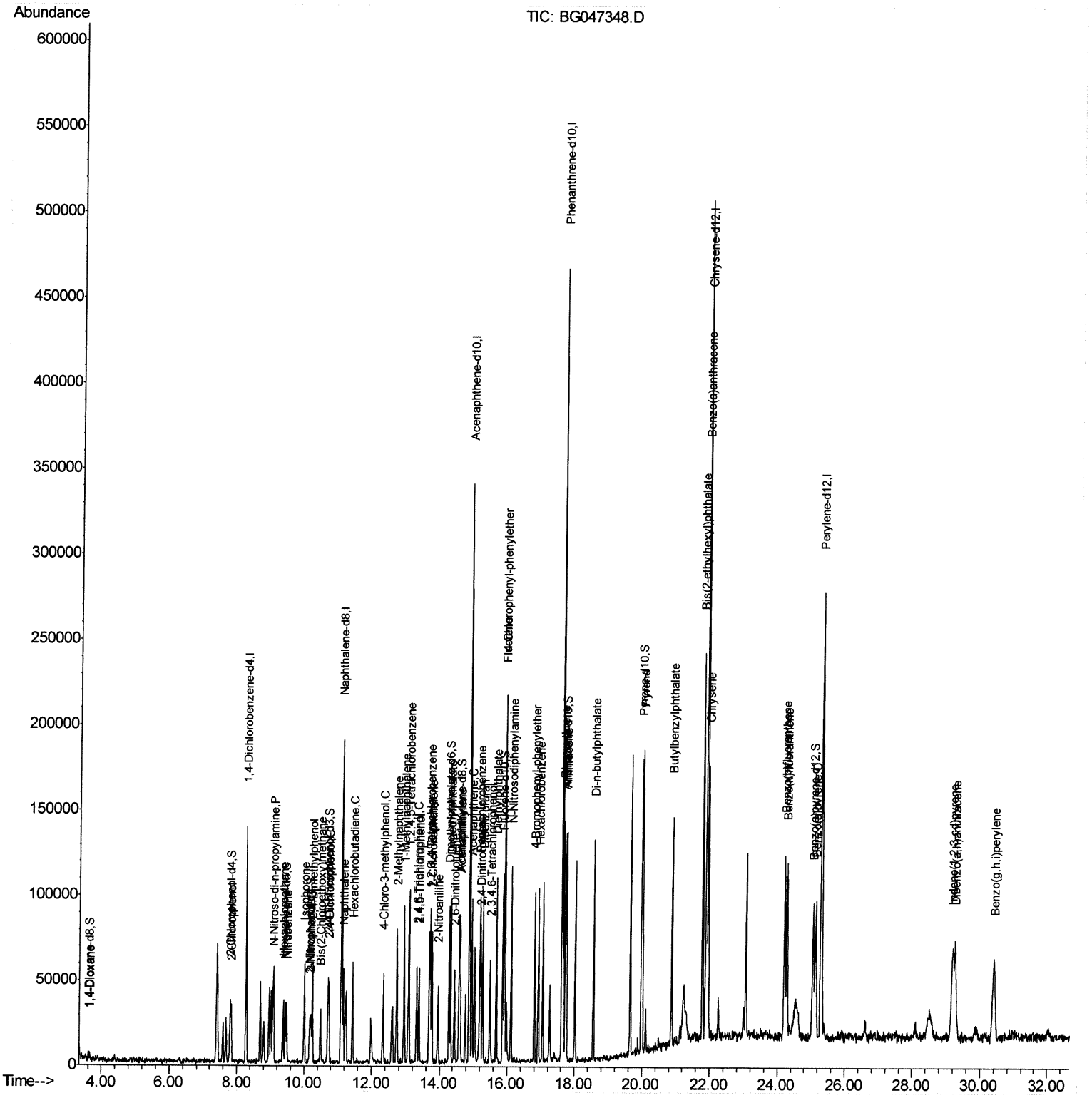

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111920\
Data File : BG047348.D
Acq On : 19 Nov 2020 10:21
Operator : CG/JU
Sample : SSTD00530
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 13:03:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 13:02:11 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00530

Manual Integrations APPROVED
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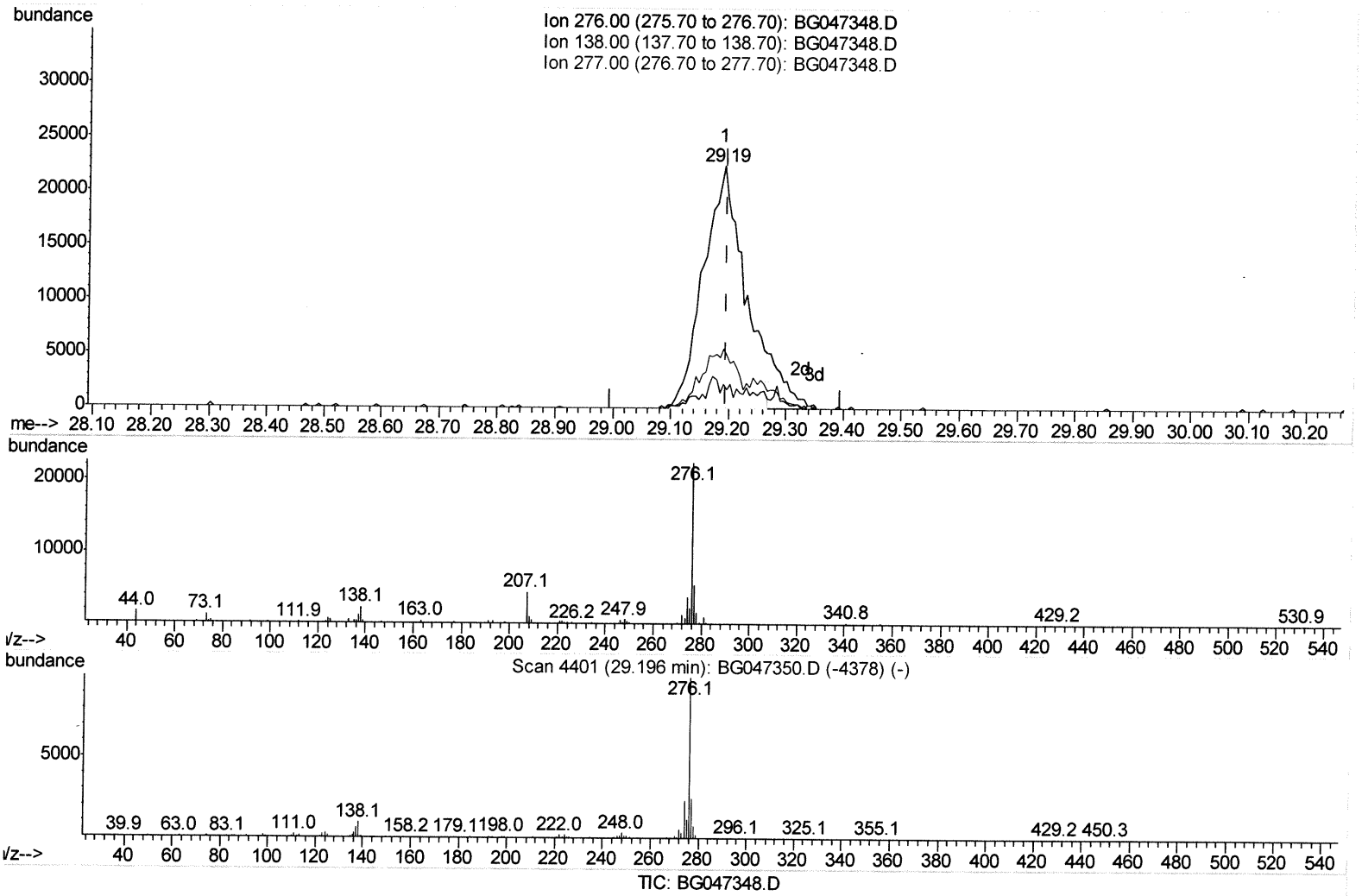

TIC: BG047348.D

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

29.190min (-0.006) 4.85ng/ul

response 109297

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	10.20
277.00	24.90	24.76
0.00	0.00	0.00

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Operator : CG/JU
Sample : SSTD00530
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 13:03:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
SSTD00530

Manual Integrations APPROVED
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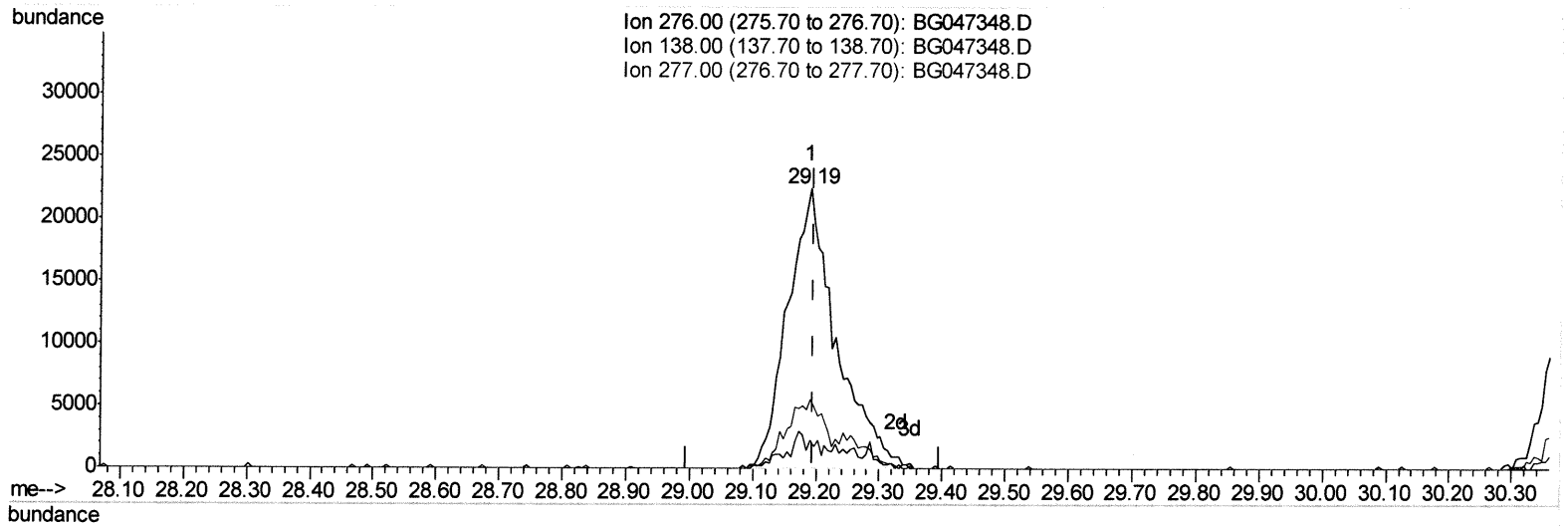
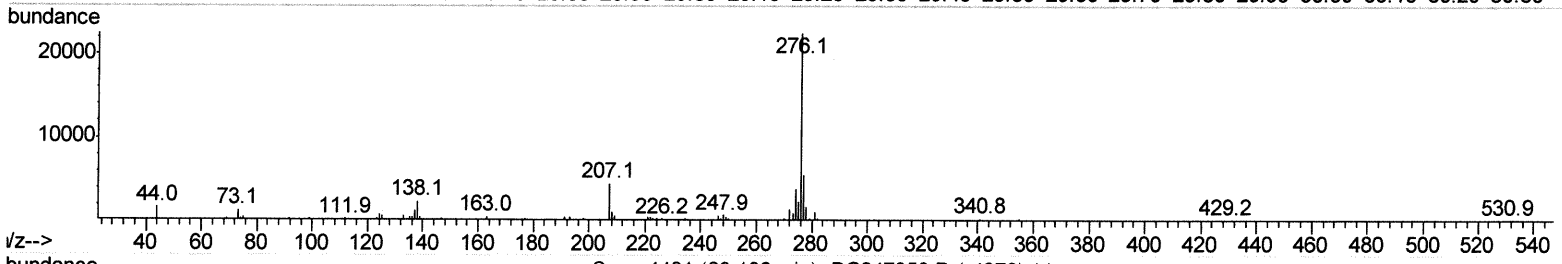
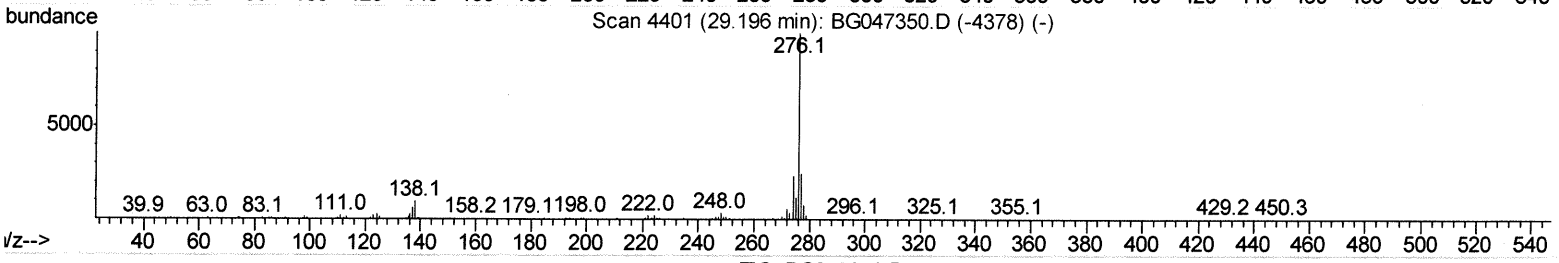




Scan 4401 (29.196 min): BG047350.D (-4378) (-)



TIC: BG047348.D

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

29.190min (-0.006) 5.29ng/ul m JU 11/24/20

response 119322

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	10.20
277.00	24.90	24.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111920\
Data File : BG047348.D
Acq On : 19 Nov 2020 10:21
Operator : CG/JU
Sample : SSTD00530
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 13:03:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 13:02:11 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00530

Manual Integrations APPROVED
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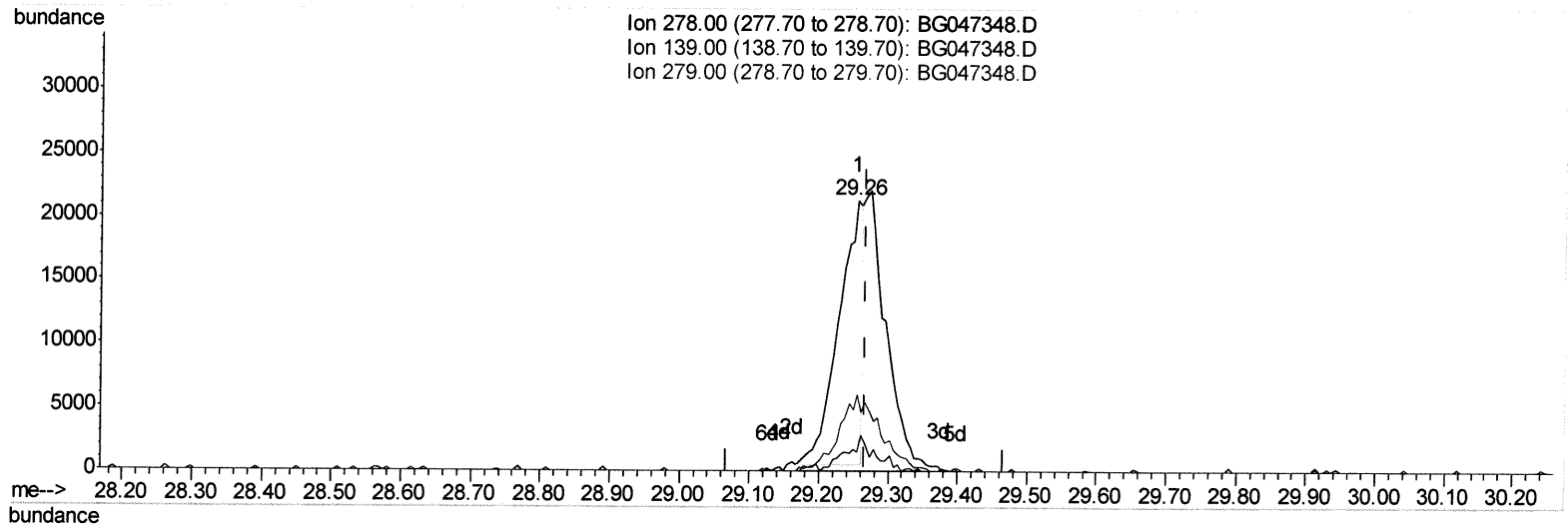
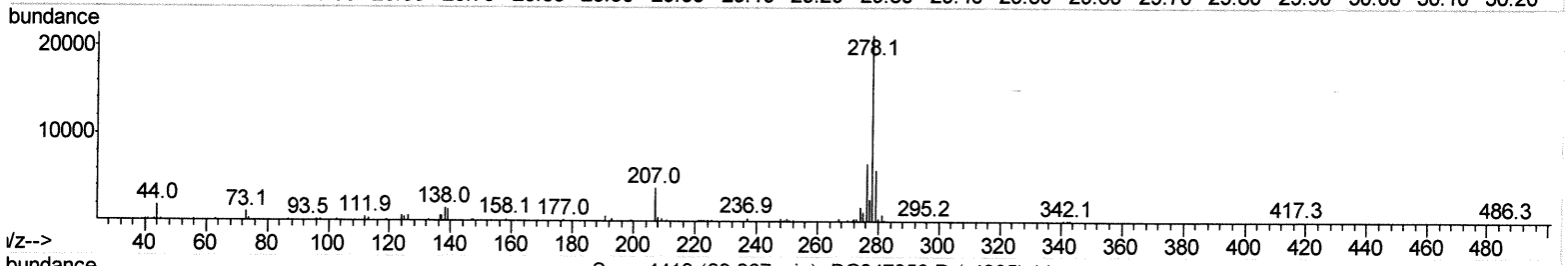
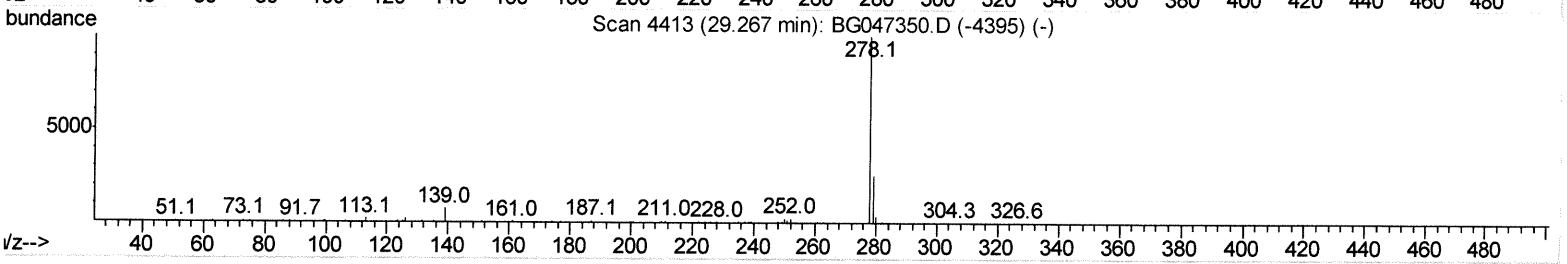




Scan 4413 (29.267 min): BG047350.D (-4395) (-)



TIC: BG047348.D

(93) Dibenzo(a,h)anthracene

29.255min (-0.012) 2.74ng/ul

response 50159

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	6.96
279.00	25.00	28.07
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111920\
Data File : BG047348.D
Acq On : 19 Nov 2020 10:21
Operator : CG/JU
Sample : SSTD00530
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 13:03:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 13:02:11 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00530

Manual Integrations APPROVED
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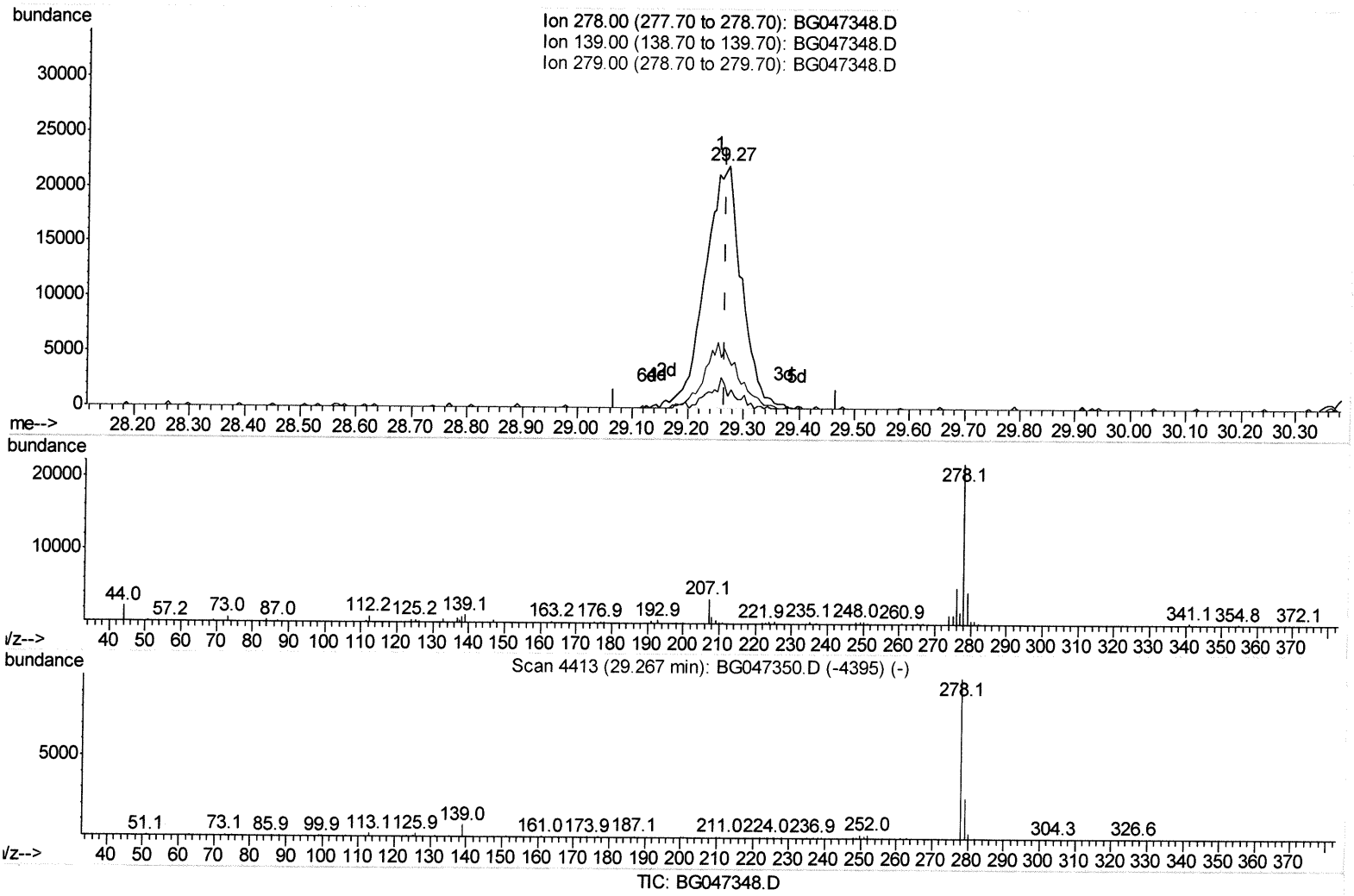

(93) Dibenzo(a,h)anthracene

29.273min (+0.006) 5.55ng/ul m JH 11/24/20

response 101477

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	5.14#
279.00	25.00	20.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111920\
Data File : BG047348.D
Acq On : 19 Nov 2020 10:21
Operator : CG/JU
Sample : SSTD00530
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Nov 19 13:09:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 13:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	36287	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	144662	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	113729	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	295925	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	301813	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	303459	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	2349	2.61	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	7.79	132	11872	4.85	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.44	128	5777	4.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	6233	4.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	15235	5.51	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.28	166	52509	5.62	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	58767	5.31	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.87	176	47132	5.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.72	188	78001	5.44	ng/ul	0.00
79) Pyrene-d10	19.98	212	90980	5.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	90035	5.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	2167	2.247	ng/uL#	81
10) 2-Chlorophenol	7.83	128	12192	5.013	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.07	70	12946	6.233	ng/ul#	83
17) Hexachloroethane	9.37	117	5897	5.256	ng/ul#	73
20) Nitrobenzene	9.48	77	19603	5.987	ng/ul	91
21) Isophorone	10.00	82	40037	6.790	ng/ul	98
23) 2-Nitrophenol	10.20	139	7240	4.984	ng/ul#	83
24) 2,4-Dimethylphenol	10.24	107	18673	6.323	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.49	93	18252	5.485	ng/ul#	96
27) 2,4-Dichlorophenol	10.73	162	13721	5.264	ng/ul	92
28) Naphthalene	11.15	128	43565	5.361	ng/ul	98
31) Hexachlorobutadiene	11.43	225	12826	5.608	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.33	107	15387	5.741	ng/ul#	94
34) 2-Methylnaphthalene	12.74	142	31798	5.484	ng/ul	95
35) 1-Methylnaphthalene	12.95	142	38389	5.650	ng/uL#	97
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	23310	5.262	ng/ul	93
39) 2,4,6-Trichlorophenol	13.32	196	13986	5.178	ng/ul#	82
40) 2,4,5-Trichlorophenol	13.39	196	14034	5.070	ng/ul	94
41) 1,1'-Biphenyl	13.73	154	47082	5.247	ng/ul	99
42) 2-Chloronaphthalene	13.77	162	37219	5.143	ng/ul	95
43) 2-Nitroaniline	13.96	65	12748	5.858	ng/ul	95
45) Dimethylphthalate	14.33	163	53024	5.650	ng/ul#	94
46) 2,6-Dinitrotoluene	14.44	165	8955	4.409	ng/ul	94

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Manual Integrations APPROVED
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Quant Time: Nov 19 13:09:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 13:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.61	152	56452	5.454	ng/ul	95
50) Acenaphthene	14.95	153	39053	5.215	ng/ul	95
54) Dibenzofuran	15.28	168	58549	5.373	ng/ul	97
55) 2,4-Dinitrotoluene	15.22	165	13356	4.787	ng/ul#	75
56) 2,3,4,6-Tetrachlorophenol	15.49	232	12459	4.287	ng/ul#	82
57) Diethylphthalate	15.68	149	51701	5.497	ng/ul	92
59) Fluorene	15.92	166	50051	5.596	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.91	204	29579	5.764	ng/ul#	87
65) N-Nitrosodiphenylamine	16.12	169	44758	5.233	ng/ul	94
66) 4-Bromophenyl-phenylether	16.80	248	20045	5.107	ng/ul#	85
67) Hexachlorobenzene	16.92	284	20475	4.928	ng/ul#	89
70) Phenanthrene	17.66	178	85463	5.149	ng/ul	97
72) Anthracene	17.75	178	86154	5.165	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	23480	4.723	ng/uL	93
74) Pentachlorobenzene	15.20	250	22742	4.772	ng/uL	95
76) Di-n-butylphthalate	18.56	149	88022	5.149	ng/ul	97
80) Pyrene	20.01	202	113921	5.516	ng/ul	99
81) Butylbenzylphthalate	20.88	149	37153	4.897	ng/ul	96
83) Benzo(a)anthracene	21.88	228	113266	5.540	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.78	149	50683	4.816	ng/ul	99
85) Chrysene	21.95	228	108109	5.496	ng/ul	97
88) Benzo(b)fluoranthene	24.21	252	110162	5.465	ng/ul#	96
89) Benzo(k)fluoranthene	24.28	252	112404	5.755	ng/ul#	93
91) Benzo(a)pyrene	25.13	252	99685	5.492	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.19	276	119322m	5.289	ng/ul	
93) Dibenzo(a,h)anthracene	29.27	278	101477m	5.546	ng/ul	
94) Benzo(g,h,i)perylene	30.40	276	99613	5.283	ng/ul#	88

JU 11/24/20

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