

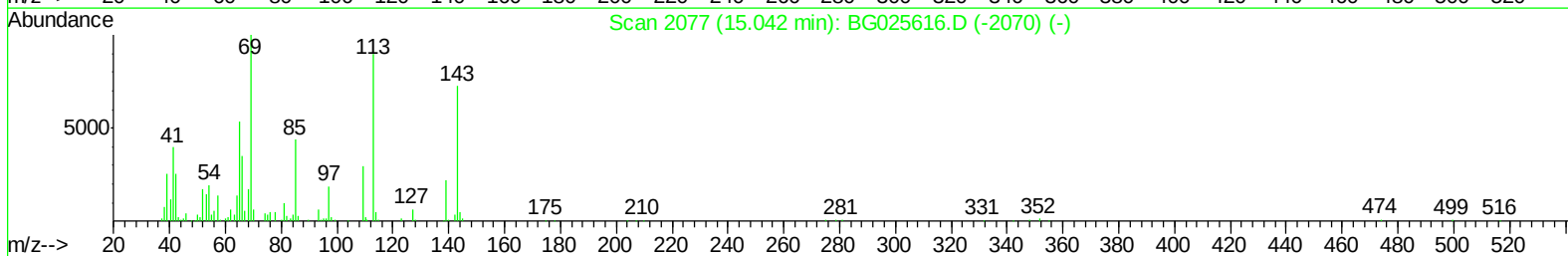
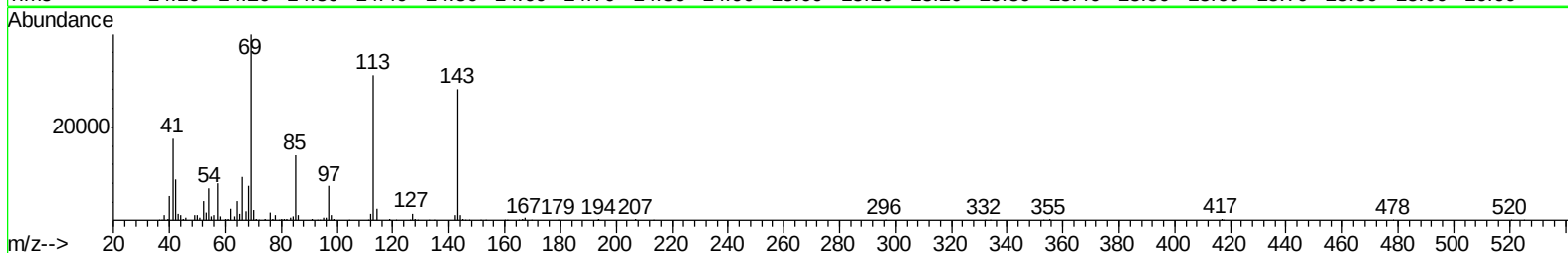
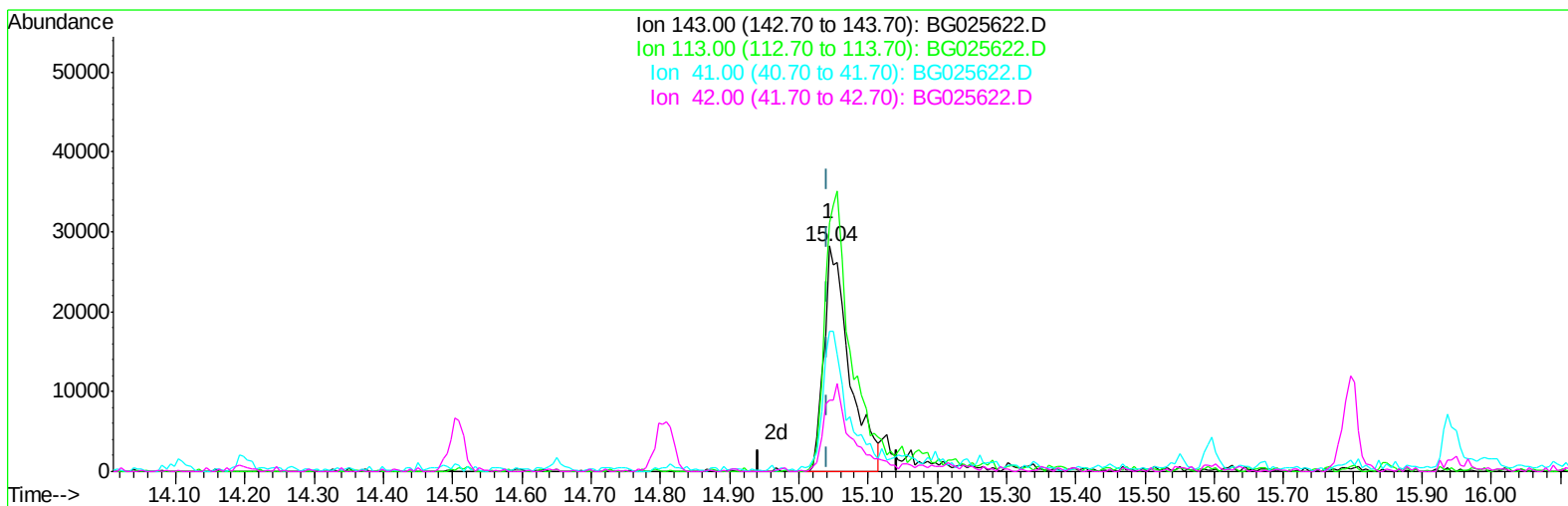
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP17

Manual Integrations
APPROVED

mohammad
1/25/2017 3:48:03 PM

Quant Time: Jan 25 02:37:45 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:29:56 2017
Response via : Initial Calibration



TIC: BG025622.D

(51) 4-Nitrophenol-d4 (S)

15.044min (+0.002) 26.58ng/ul

response 72270

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	110.34
41.00	58.00	62.37
42.00	42.20	31.55#

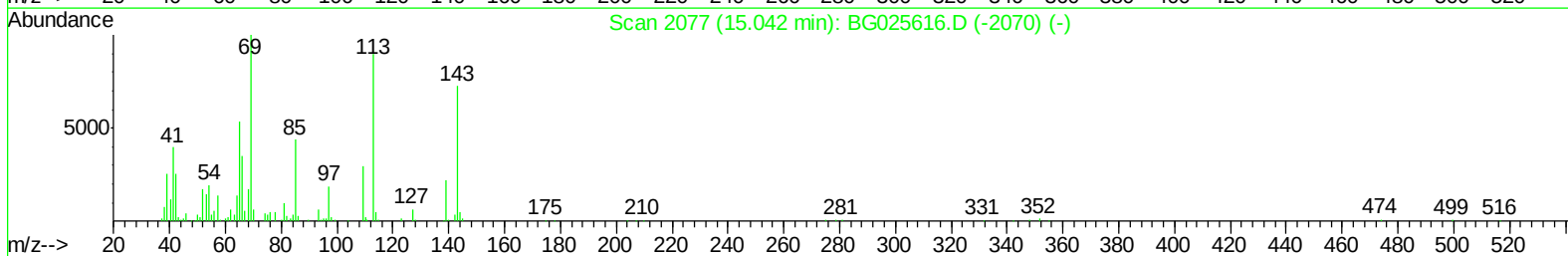
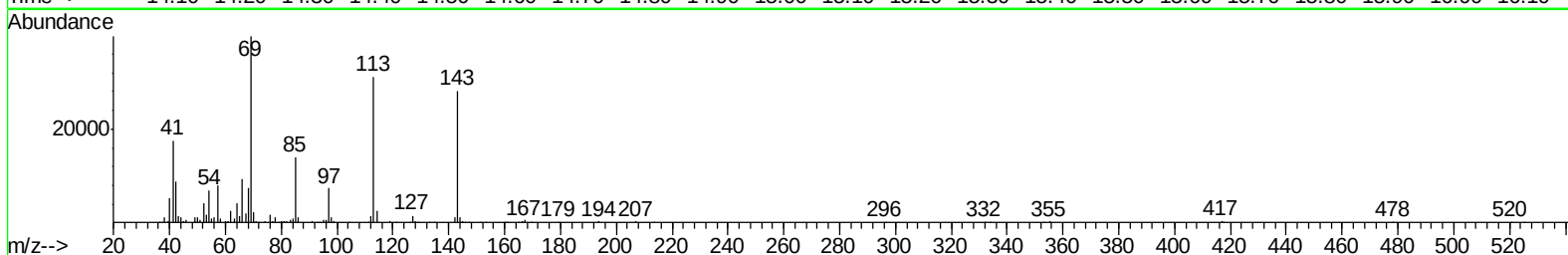
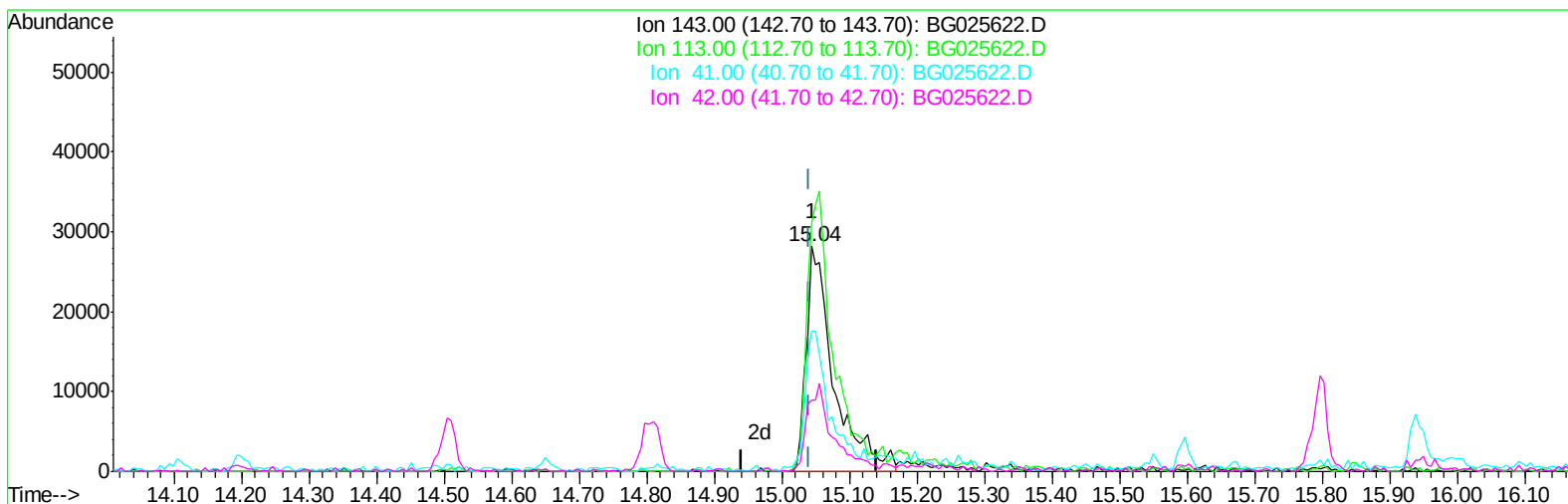
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TIC: BG025622.D

(51) 4-Nitrophenol-d4 (S)

15.044min (+0.002) 29.33ng/ul m

response 79747

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	110.34
41.00	58.00	62.37
42.00	42.20	31.55#

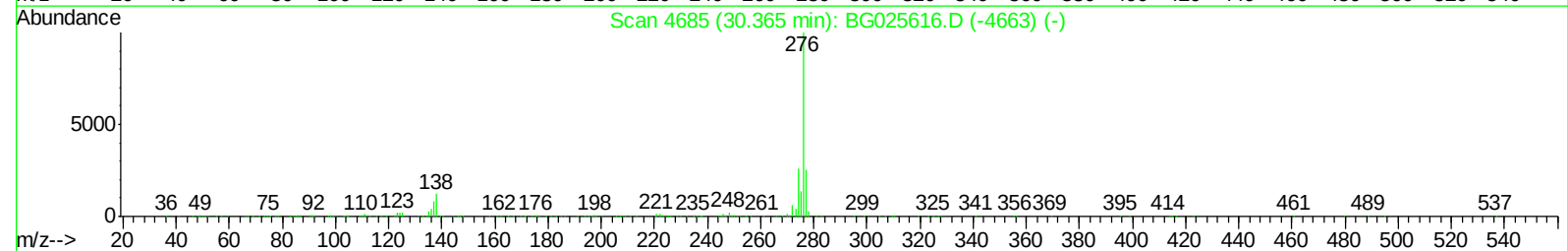
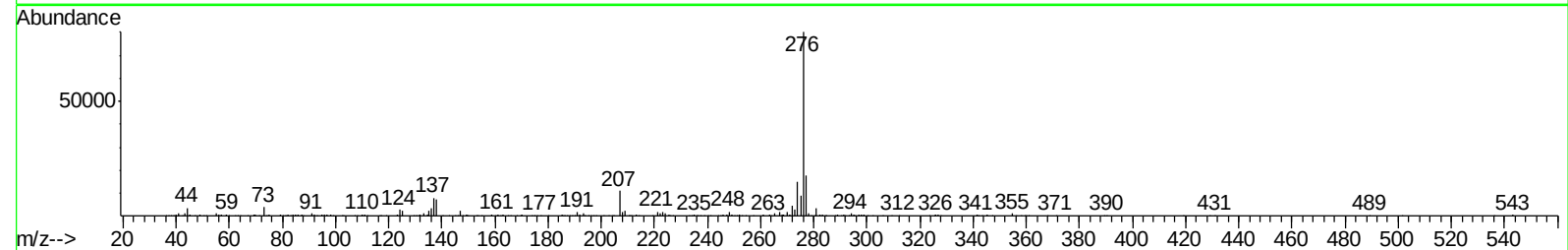
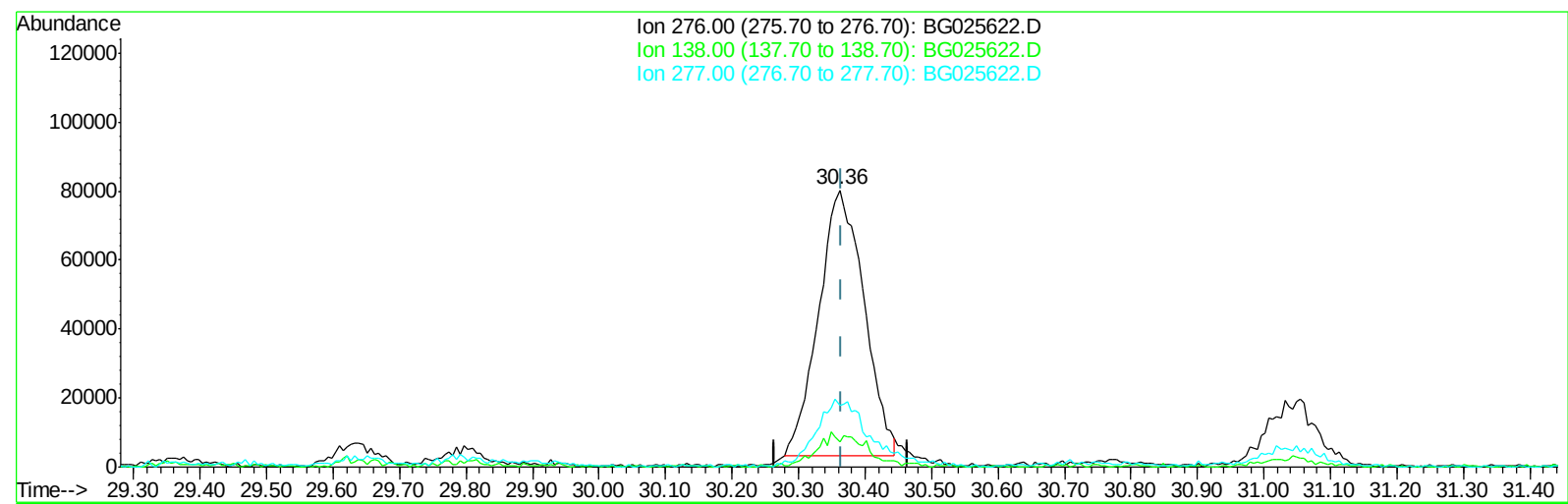
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Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Title : SVOA CALIBRATION
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TIC: BG025622.D

(91) Benzo(g,h,i)perylene
30.361min (-0.004) 9.25ng/ul
response 362769

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	9.07
277.00	22.00	22.07
0.00	0.00	0.00

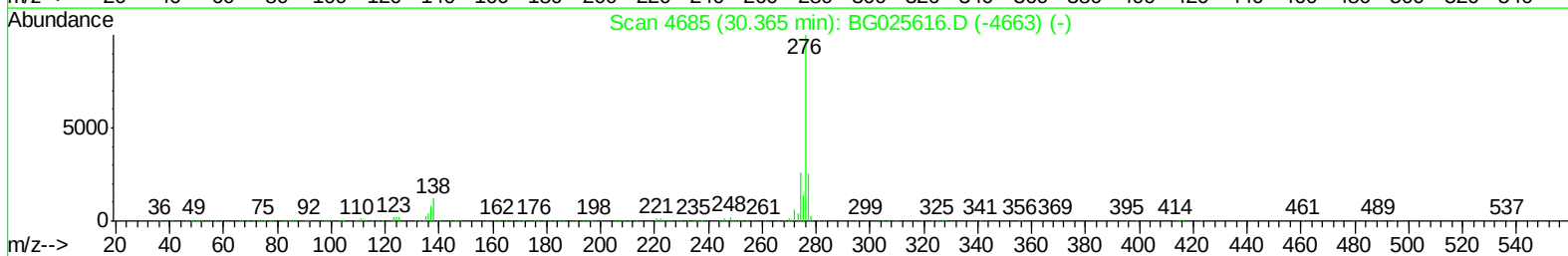
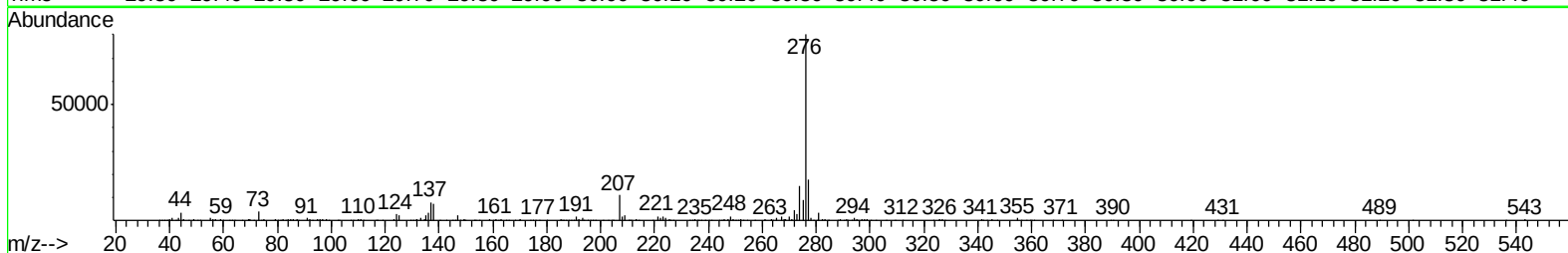
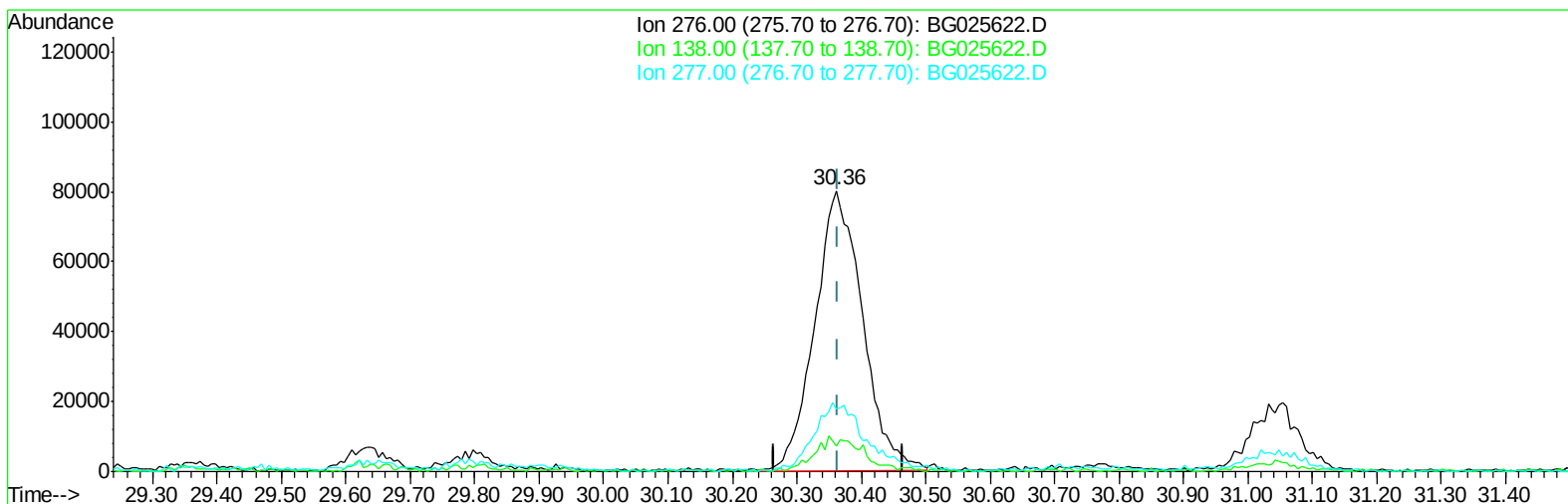
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Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Jan 25 02:37:45 2017
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QLast Update : Wed Jan 25 02:29:56 2017
Response via : Initial Calibration



TIC: BG025622.D

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

30.361min (-0.004) 10.43ng/ul m

response 409275

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	9.07
277.00	22.00	22.07
0.00	0.00	0.00

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 Sample : I1316-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 BDP17

Manual Integrations
 APPROVED

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 1/25/2017 3:48:03 PM

Quant Time: Jan 25 03:21:12 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 02:29:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	70668	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	332802	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	280986	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	632925	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	738662	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	770294	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	5845	4.14	ng/uL	0.00
5) Phenol-d5	7.34	99	158770	26.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	118454	30.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	115585	27.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	137301	26.67	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	62420	26.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	78954	28.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	139739	25.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	153960	24.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	594612	29.97	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	661963	30.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	79747m	29.33	ng/ul	0.00
57) Fluorene-d10	15.80	176	548972	29.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	110245	28.24	ng/ul	0.00
70) Anthracene-d10	17.65	188	837413	31.07	ng/ul	0.00
76) Pyrene-d10	19.93	212	1031258	33.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1049324	32.41	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.36	94	26279	4.13	ng/ul#	82
44) Dimethylphthalate	14.25	163	265207	13.59	ng/ul#	95
49) Acenaphthene	14.87	153	22288	1.50	ng/ul#	91
58) Fluorene	15.85	166	24249	1.30	ng/ul	92
69) Phenanthrene	17.59	178	607932	19.76	ng/ul	98
71) Anthracene	17.69	178	152679	4.94	ng/ul	96
72) Carbazole	17.97	167	49486	1.93	ng/ul#	93
74) Fluoranthene	19.60	202	1516959	41.77	ng/ul	100
77) Pyrene	19.96	202	1290862	35.54	ng/ul	99
80) Benzo(a)anthracene	21.82	228	902379	23.12	ng/ul	99
82) Chrysene	21.89	228	762628	20.78	ng/ul	96
85) Benzo(b)fluoranthene	24.15	252	1009362	25.32	ng/ul	99
86) Benzo(k)fluoranthene	24.21	252	325013	8.69	ng/ul	95
88) Benzo(a)pyrene	25.07	252	694495	18.42	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.14	276	452586	9.48	ng/ul	99
91) Benzo(g,h,i)perylene	30.36	276	409275m	10.43	ng/ul	

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

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