Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023574.D
Acq On : 10 Aug 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC020

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 05:05:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
sohil
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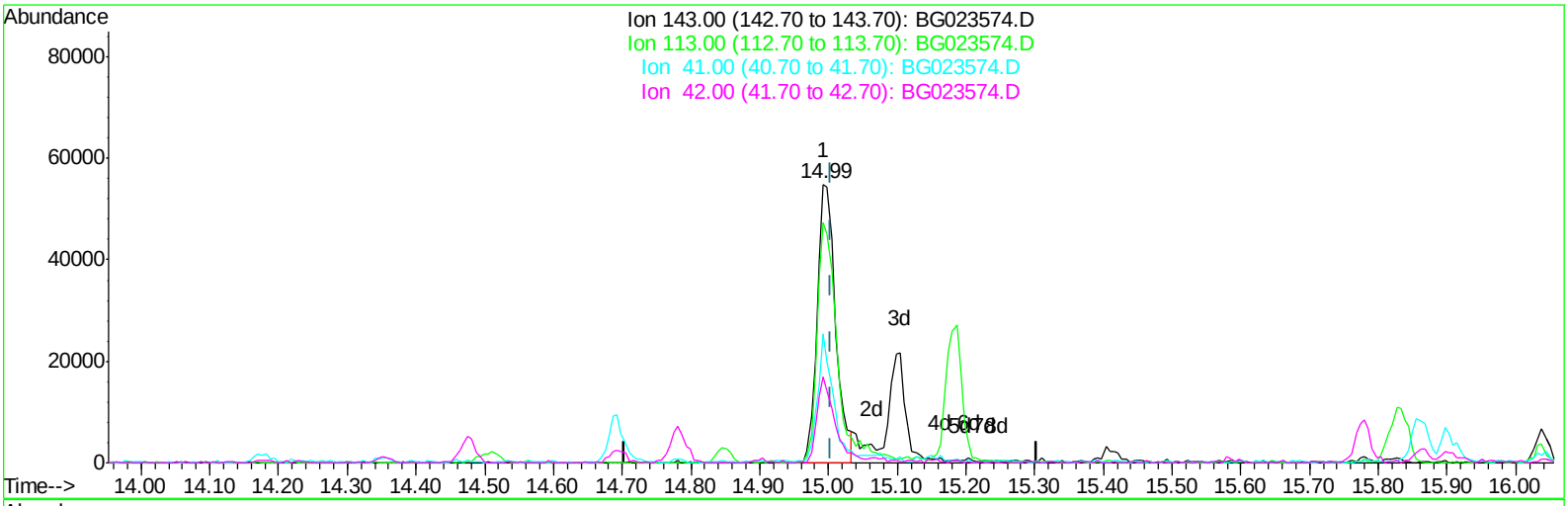

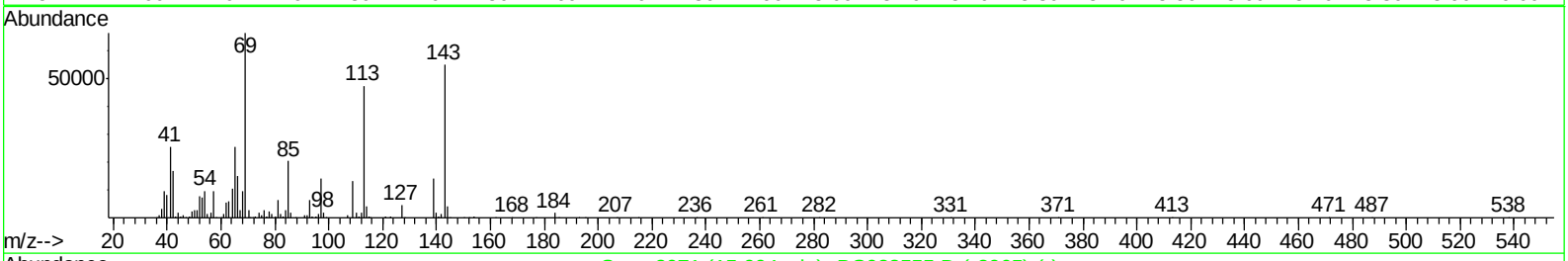

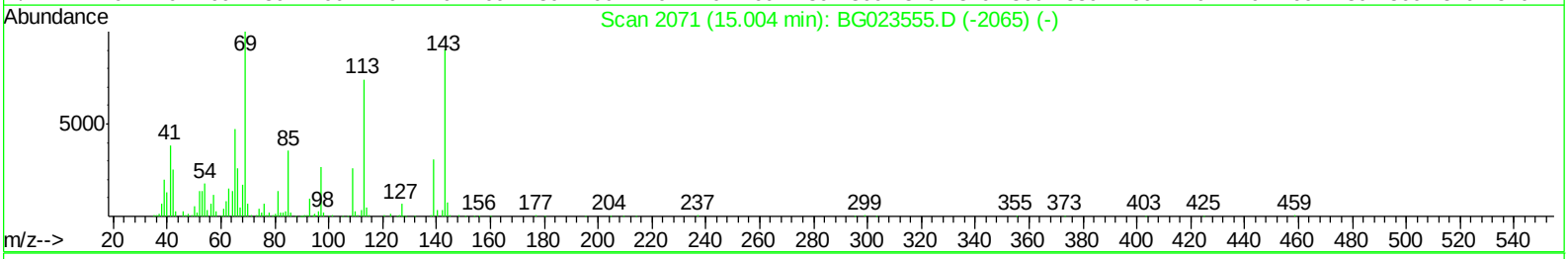

TIC: BG023574.D

(51) 4-Nitrophenol-d4 (S)

14.992min (-0.012) 18.89ng/ul

response 101712

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	86.57#
41.00	26.90	46.40#
42.00	16.10	30.77#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023574.D
Acq On : 10 Aug 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC020

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 05:05:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
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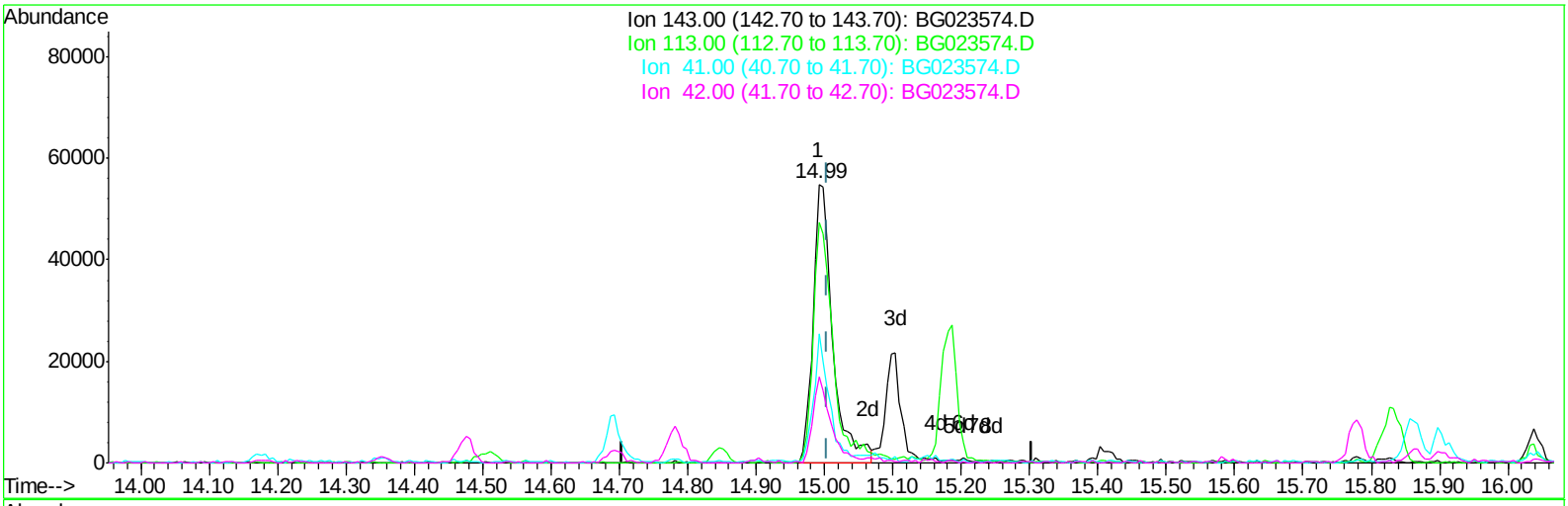

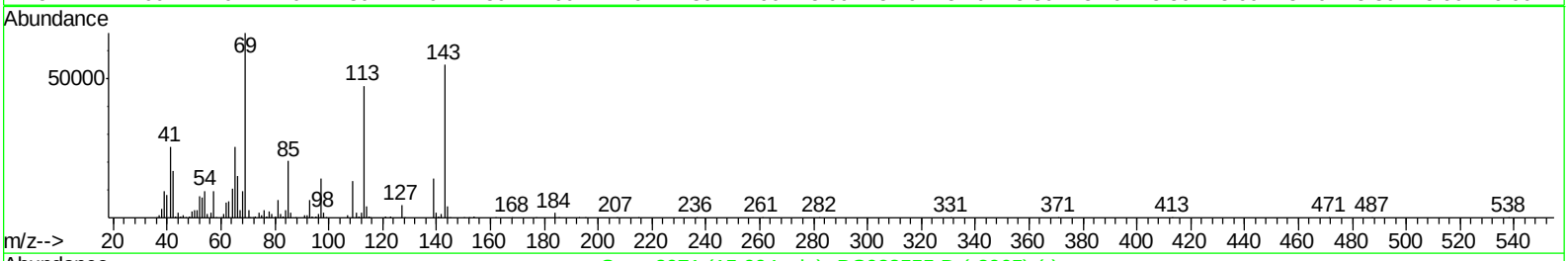

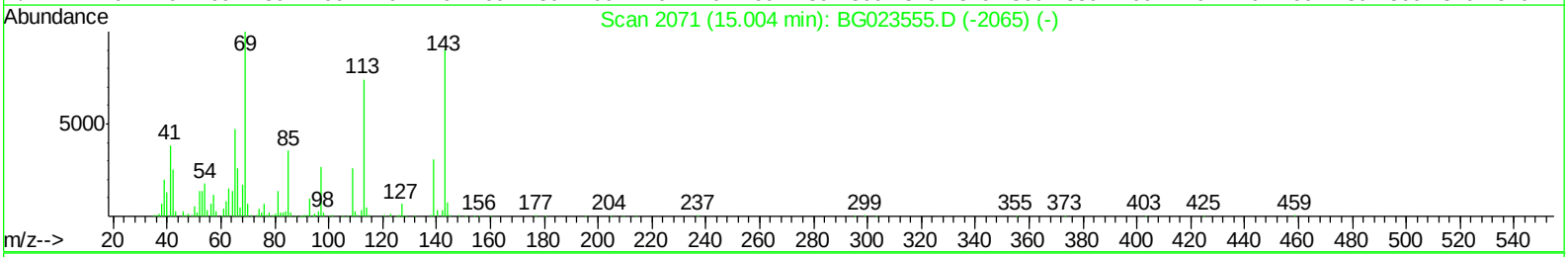

TIC: BG023574.D

(51) 4-Nitrophenol-d4 (S)

14.992min (-0.012) 20.32ng/ul m

response 109447

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	86.57#
41.00	26.90	46.40#
42.00	16.10	30.77#

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023574.D
Acq On : 10 Aug 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC020

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 05:05:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
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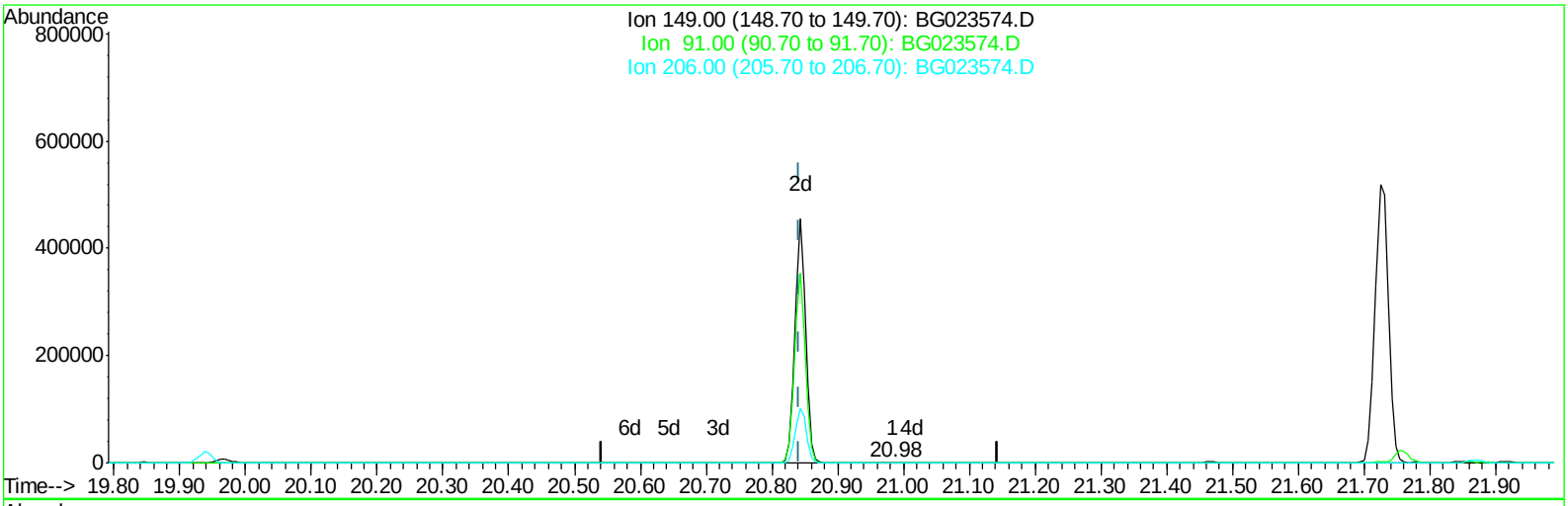

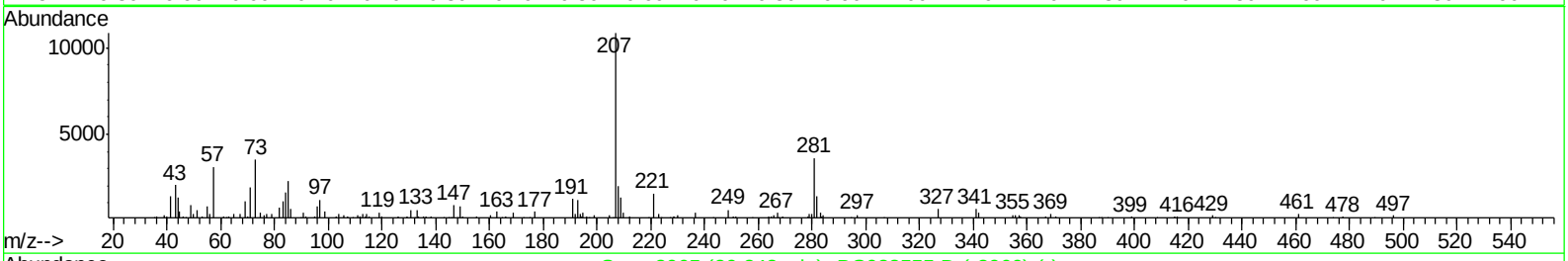

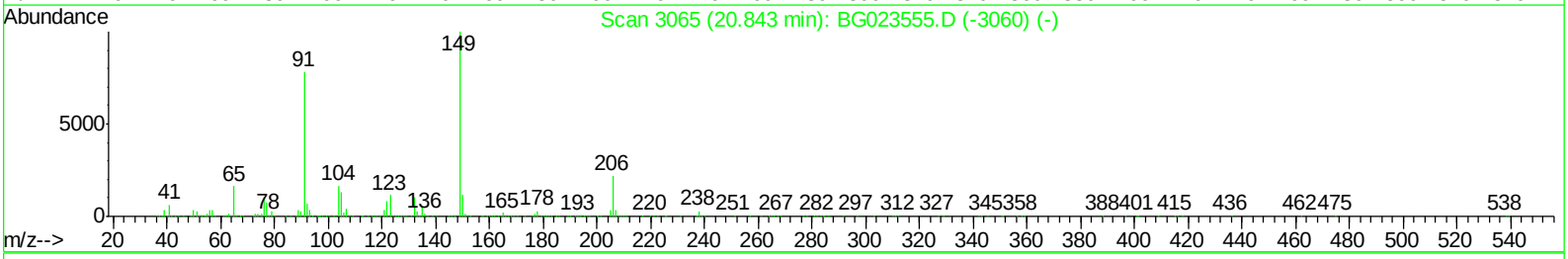

TIC: BG023574.D

(78) Butylbenzylphthalate

20.984min (+0.141) 0.04ng/ul

response 897

Ion	Exp%	Act%
149.00	100	100
91.00	67.80	56.61
206.00	17.60	19.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
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Acq On : 10 Aug 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC020

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 05:05:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
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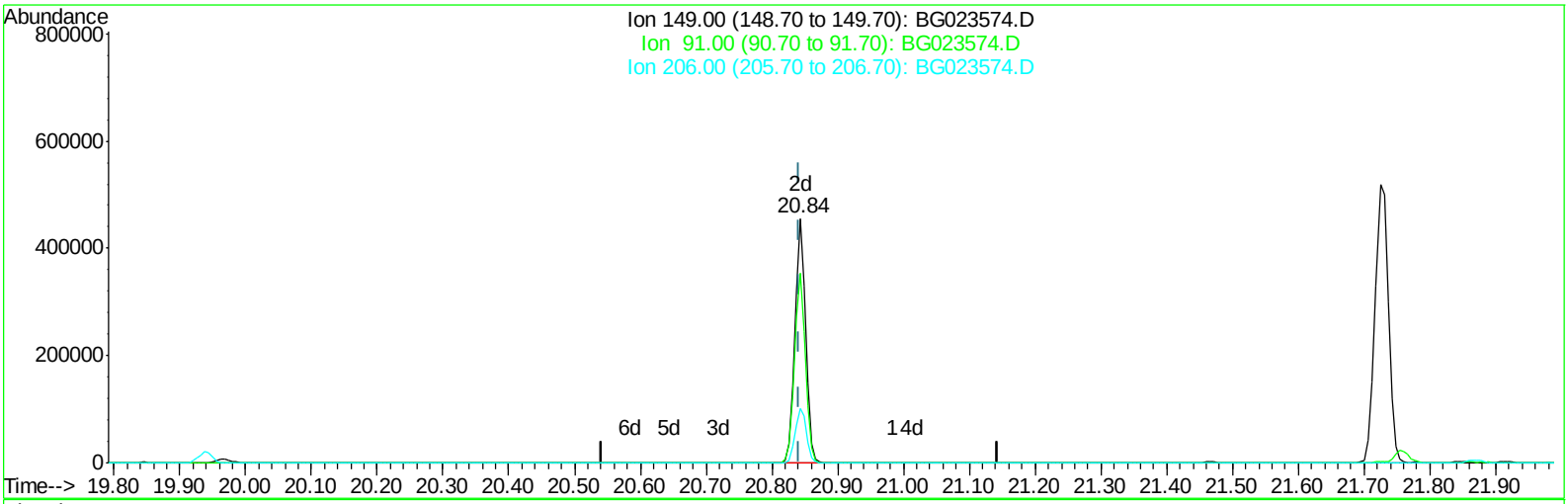

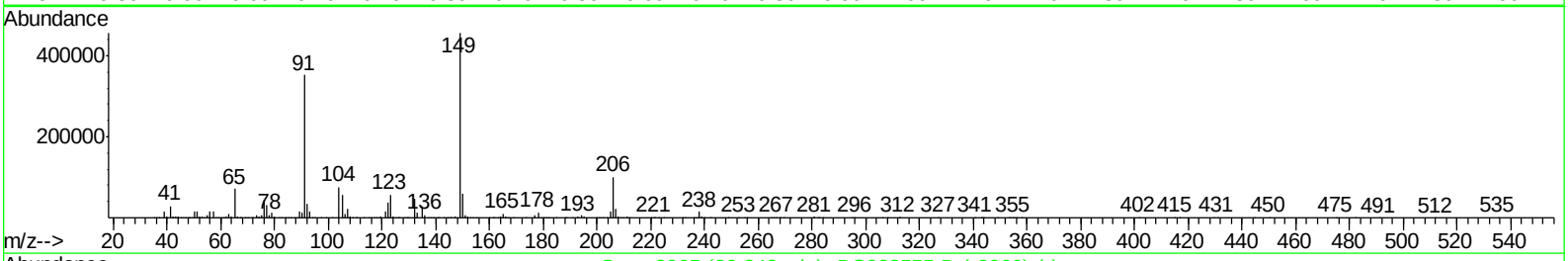

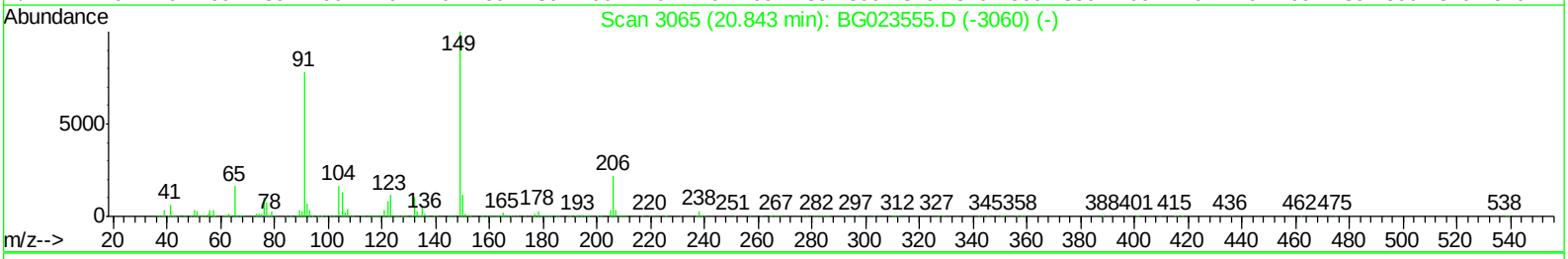

TIC: BG023574.D

(78) Butylbenzylphthalate

20.843min (+0.000) 21.77ng/ul m

response 525132

Ion	Exp%	Act%
149.00	100	100
91.00	67.80	77.38
206.00	17.60	22.15#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023574.D
Acq On : 10 Aug 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC020

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 05:05:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
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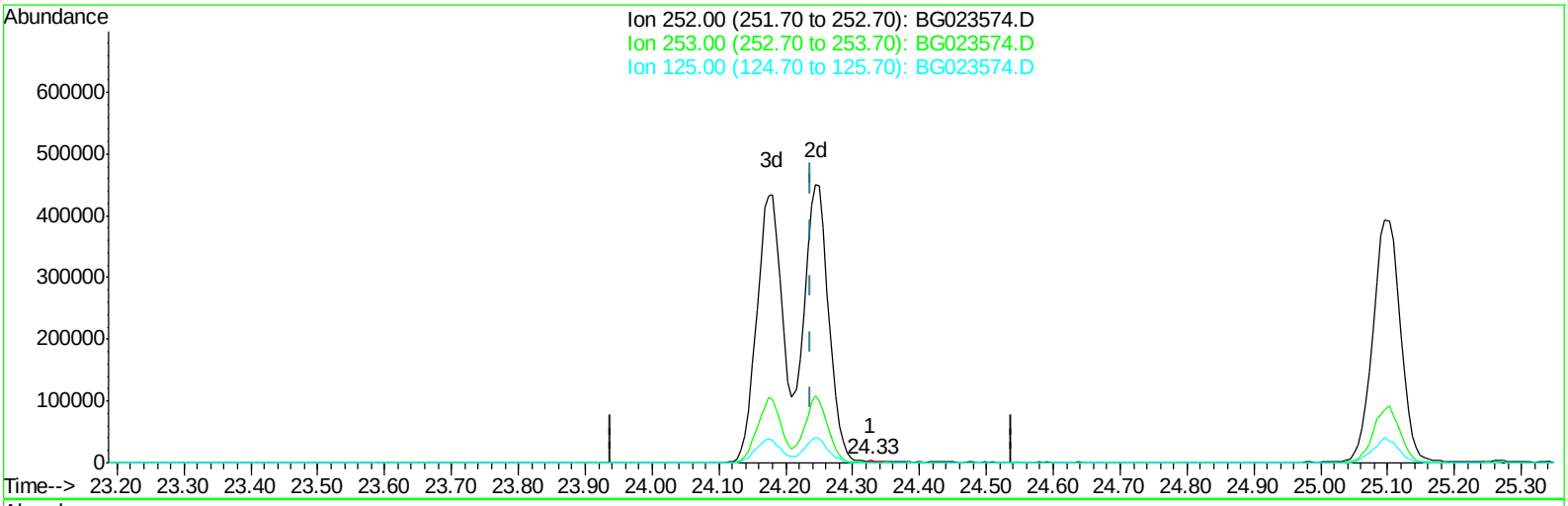

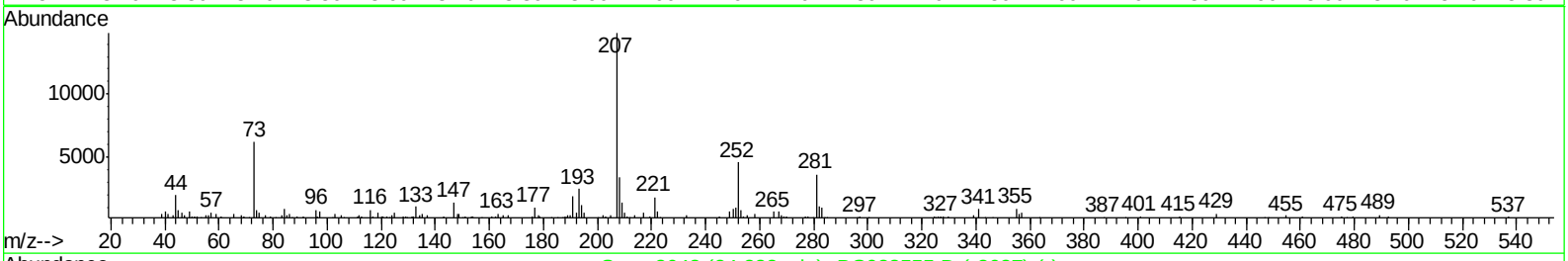

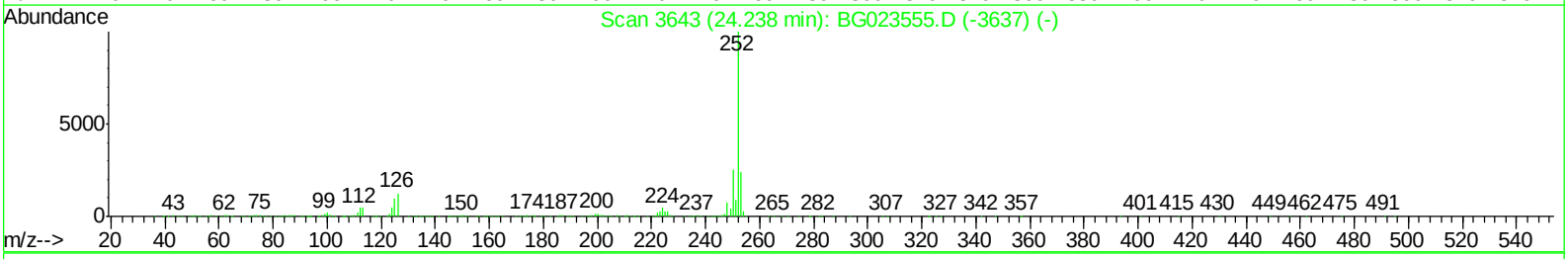

TIC: BG023574.D

(86) Benzo(k)fluoranthene

24.327min (+0.088) 0.04ng/ul

response 1986

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	16.08
125.00	13.30	12.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
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Sample : SSTDCCC020

Misc :
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Quant Time: Aug 10 05:05:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
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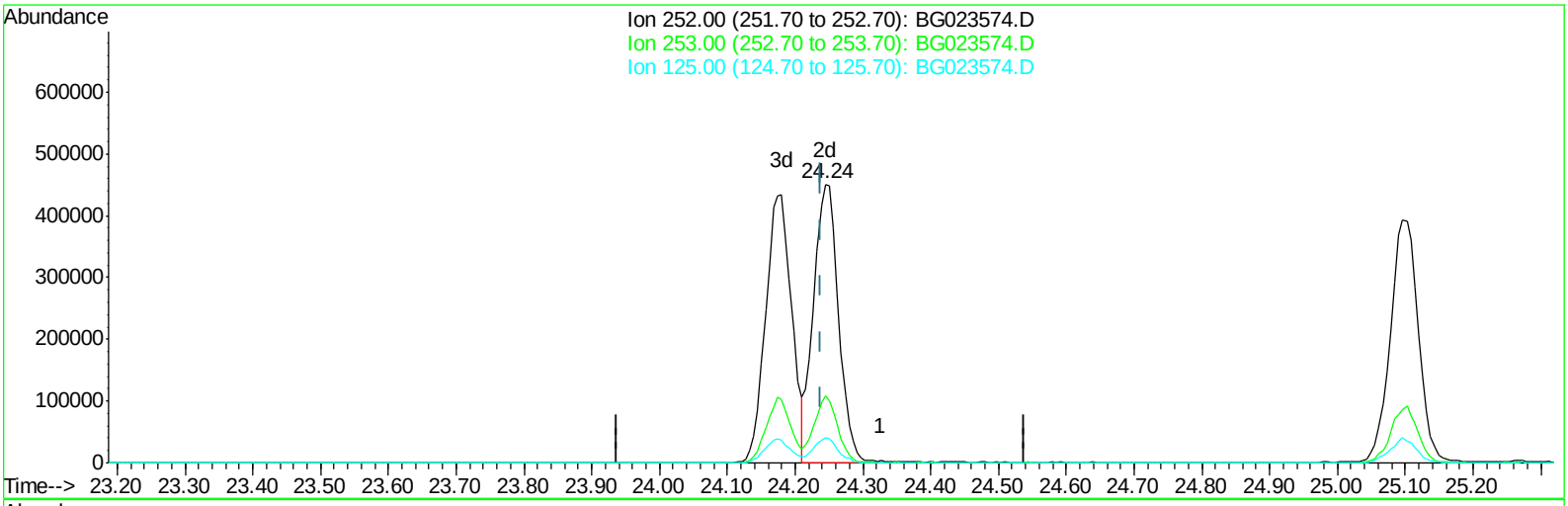

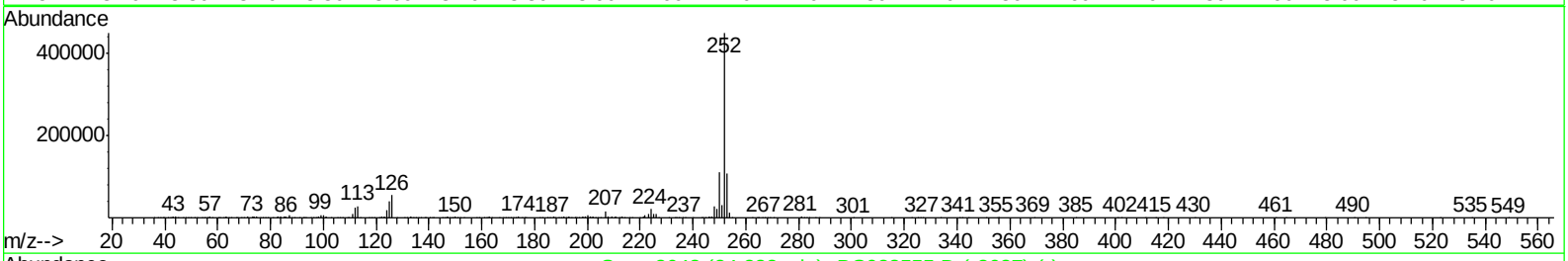

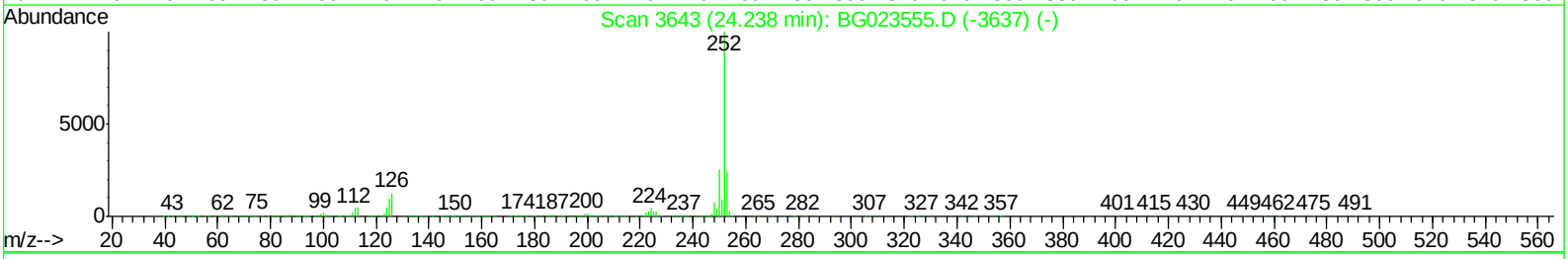

TIC: BG023574.D

(86) Benzo(k)fluoranthene

24.245min (+0.006) 21.03ng/ul m

response 1150779

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.93#
125.00	13.30	9.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023574.D
Acq On : 10 Aug 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC020

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 05:05:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
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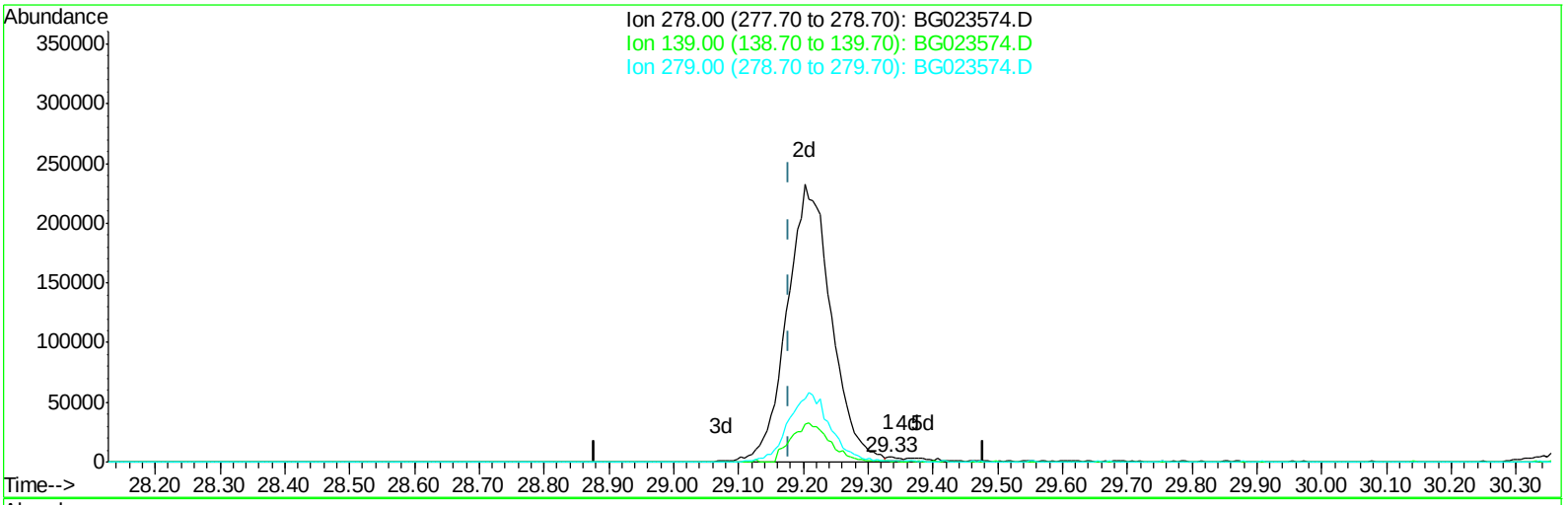

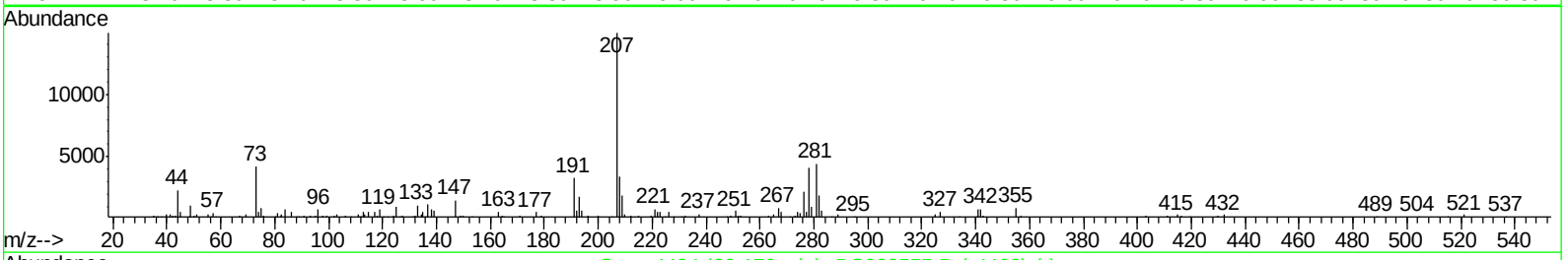

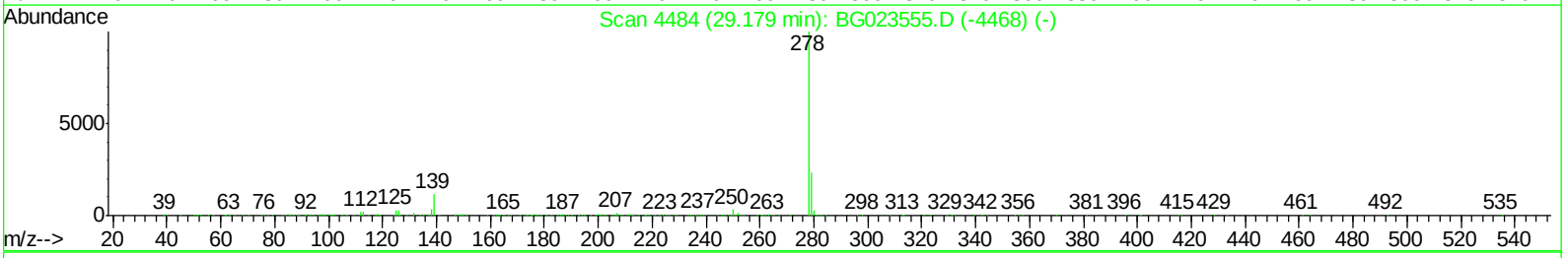

TIC: BG023574.D

(90) Dibenzo(a,h)anthracene

29.332min (+0.153) 0.08ng/ul

response 4175

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	16.70
279.00	23.90	23.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023574.D
Acq On : 10 Aug 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC020

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 05:05:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
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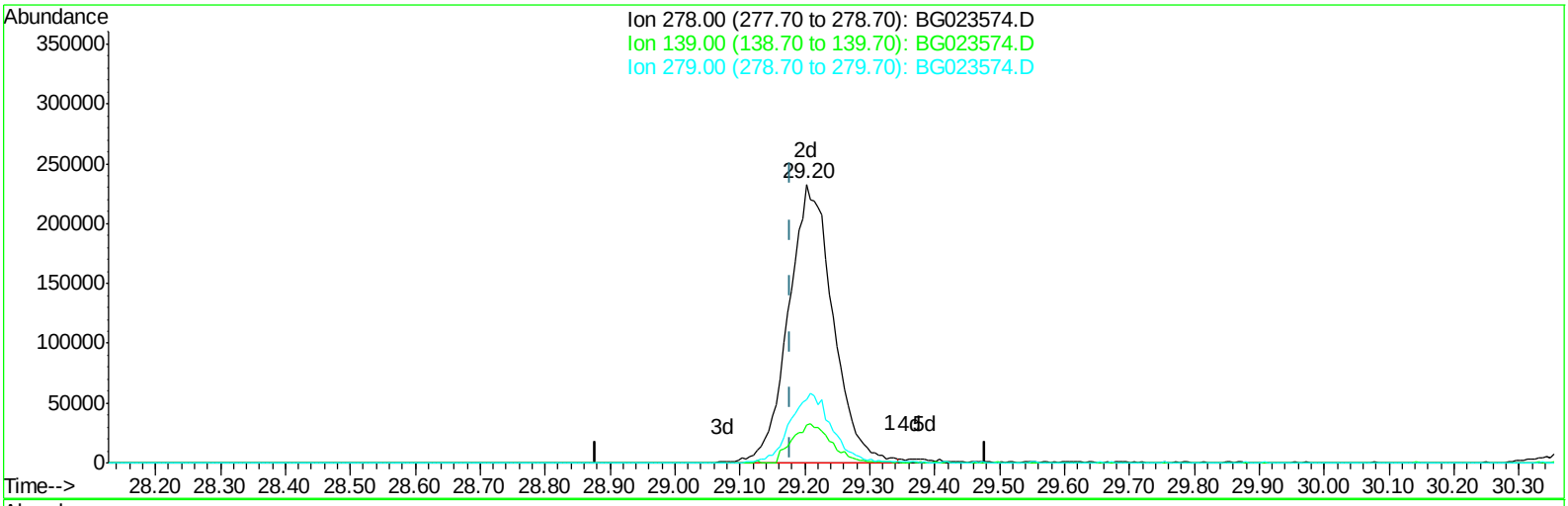

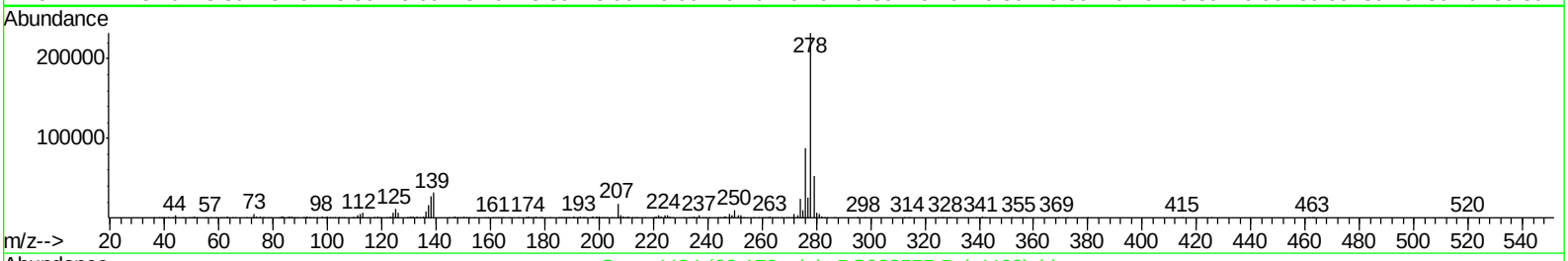

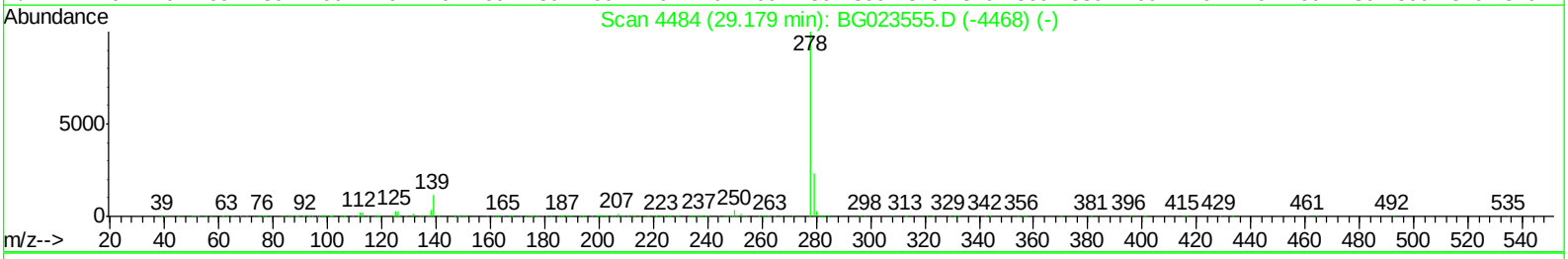

TIC: BG023574.D

(90) Dibenzo(a,h)anthracene

29.203min (+0.024) 20.67ng/ul m

response 1111807

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	13.61#
279.00	23.90	22.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023574.D
Acq On : 10 Aug 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
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Quant Time: Aug 10 06:16:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	117948	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.94	136	555699	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	385307	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	968627	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1017515	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	977334	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	23029	8.30	ng/uL	0.00
5) Phenol-d5	7.26	99	237089	19.95	ng/ul	-0.03
7) Bis-(2-Chloroethyl)ether-d	7.43	67	159879	21.00	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	169541	20.92	ng/ul	-0.03
13) 4-Methylphenol-d8	8.82	113	187996	20.27	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	86338	19.71	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	99462	19.77	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	187978	19.81	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	245969	22.09	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	634767	20.12	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	756749	21.31	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.99	143	109447m	20.32	ng/ul	-0.01
57) Fluorene-d10	15.78	176	593531	20.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	121992	19.63	ng/ul	0.00
70) Anthracene-d10	17.65	188	922697	21.14	ng/ul	0.00
76) Pyrene-d10	19.94	212	1063372	20.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	913312	20.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	26361	9.06	ng/uL#	68
4) Benzaldehyde	7.24	77	159409	22.01	ng/ul	84
6) Phenol	7.29	94	246737	19.94	ng/ul#	72
8) Bis(2-Chloroethyl)ether	7.52	93	188828	21.02	ng/ul	91
10) 2-Chlorophenol	7.67	128	164857	19.97	ng/ul#	82
11) 2-Methylphenol	8.56	108	184018	19.75	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.65	45	262303	21.34	ng/ul	98
14) Acetophenone	8.94	105	303691	20.41	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.92	70	182896	20.43	ng/ul#	88
16) 4-Methylphenol	8.89	108	206706	19.79	ng/ul	95
17) Hexachloroethane	9.20	117	70669	19.84	ng/ul#	82
20) Nitrobenzene	9.33	77	259220	20.19	ng/ul#	84
21) Isophorone	9.85	82	468949	19.86	ng/ul	94
23) 2-Nitrophenol	10.05	139	110325	20.31	ng/ul#	70
24) 2,4-Dimethylphenol	10.10	107	236091	19.81	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.34	93	275290	20.21	ng/ul	95
27) 2,4-Dichlorophenol	10.59	162	192387	20.10	ng/ul	97
28) Naphthalene	11.00	128	576948	20.45	ng/ul	99
30) 4-Chloroaniline	11.11	127	242662	21.96	ng/ul	97
31) Hexachlorobutadiene	11.28	225	127922	20.07	ng/ul	87
32) Caprolactam	11.87	113	70939	17.85	ng/ul#	54
33) 4-Chloro-3-methylphenol	12.24	107	233385	18.95	ng/ul	85
34) 2-Methylnaphthalene	12.61	142	451913	19.76	ng/ul	97

Quantitation Report (QT Reviewed)

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Data File : BG023574.D
Acq On : 10 Aug 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC020

Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
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8/10/2016 6:51:12 PM

Quant Time: Aug 10 06:16:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	249177	21.06	ng/ul	97
37) Hexachlorocyclopentadiene	12.95	237	122337	18.70	ng/ul	98
38) 2,4,6-Trichlorophenol	13.21	196	167630	20.46	ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	176849	20.13	ng/ul	96
40) 1,1'-Biphenyl	13.61	154	604136	21.34	ng/ul	95
41) 2-Chloronaphthalene	13.66	162	465240	21.13	ng/ul	96
42) 2-Nitroaniline	13.86	65	185871	20.68	ng/ul#	66
44) Dimethylphthalate	14.23	163	643681	20.61	ng/ul	98
45) 2,6-Dinitrotoluene	14.36	165	137923	20.36	ng/ul#	85
47) Acenaphthylene	14.50	152	789661	21.26	ng/ul	98
48) 3-Nitroaniline	14.69	138	142202	22.33	ng/ul#	59
49) Acenaphthene	14.85	153	519352	20.53	ng/ul	97
50) 2,4-Dinitrophenol	14.90	184	69222	16.56	ng/ul#	84
52) 4-Nitrophenol	15.01	109	99883	18.52	ng/ul#	76
53) Dibenzofuran	15.18	168	773895	20.64	ng/ul	90
54) 2,4-Dinitrotoluene	15.15	165	202499	19.73	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.41	232	176470	19.56	ng/ul	97
56) Diethylphthalate	15.59	149	660589	20.23	ng/ul	96
58) Fluorene	15.83	166	637846	20.42	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	320352	20.39	ng/ul	96
60) 4-Nitroaniline	15.86	138	157001	21.26	ng/ul#	60
63) 4,6-Dinitro-2-methylphenol	15.91	198	128104	19.64	ng/ul#	81
64) N-Nitrosodiphenylamine	16.04	169	582837	21.53	ng/ul	95
65) 4-Bromophenyl-phenylether	16.73	248	218636	19.68	ng/ul	99
66) Hexachlorobenzene	16.85	284	243581	20.58	ng/ul	95
67) Atrazine	16.99	200	230671	20.63	ng/ul	95
68) Pentachlorophenol	17.20	266	120002	18.38	ng/ul	92
69) Phenanthrene	17.59	178	1063919	21.21	ng/ul	98
71) Anthracene	17.68	178	1107727	21.64	ng/ul	98
72) Carbazole	17.95	167	985527	23.89	ng/ul	98
73) Di-n-butylphthalate	18.50	149	1161492	22.48	ng/ul#	96
74) Fluoranthene	19.60	202	1284630	25.01	ng/ul	96
77) Pyrene	19.97	202	1313080	20.87	ng/ul#	94
78) Butylbenzylphthalate	20.84	149	525132m	21.77	ng/ul	
79) 3,3'-Dichlorobenzidine	21.76	252	400396	22.33	ng/ul	97
80) Benzo(a)anthracene	21.85	228	1204409	21.02	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	710071	22.13	ng/ul	97
82) Chrysene	21.92	228	1104949	21.21	ng/ul	96
84) Di-n-octyl phthalate	22.99	149	1148306	23.26	ng/ul	100
85) Benzo(b)fluoranthene	24.18	252	1156893	20.81	ng/ul#	94
86) Benzo(k)fluoranthene	24.24	252	1150779m	21.03	ng/ul	
88) Benzo(a)pyrene	25.10	252	1126539	20.99	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.14	276	1287545	20.42	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.20	278	1111807m	20.67	ng/ul	
91) Benzo(g,h,i)perylene	30.36	276	1080352	20.66	ng/ul#	88

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023574.D
Acq On : 10 Aug 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC020

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 06:16:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
sohil
8/10/2016 6:51:12 PM