

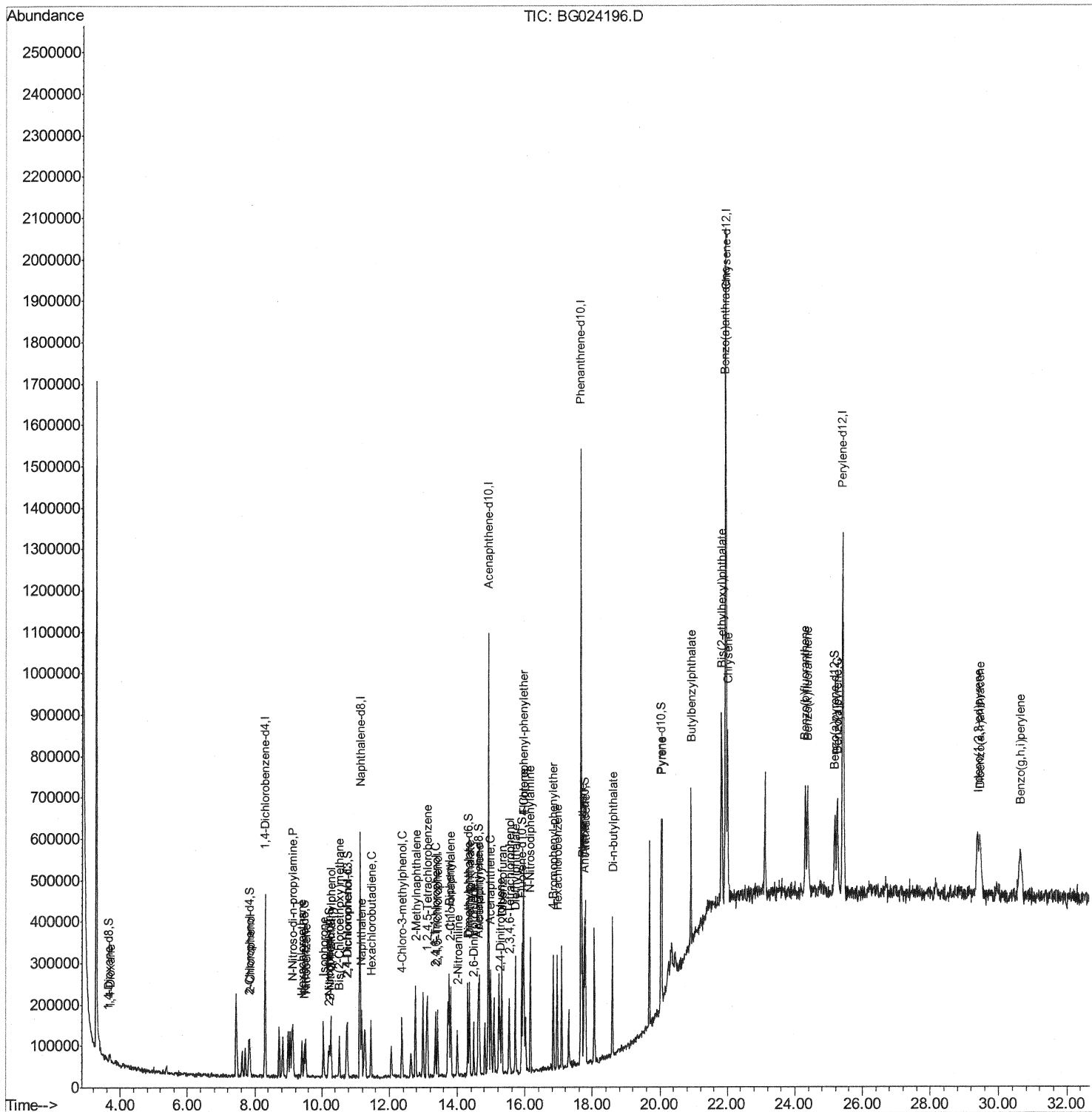
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100716\
Data File : BG024196.D
Acq On : 6 Oct 2016 13:11
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
SSTD00501

Quant Time: Oct 06 16:44:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 06 16:00:02 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/7/2016 6:00:26 PM



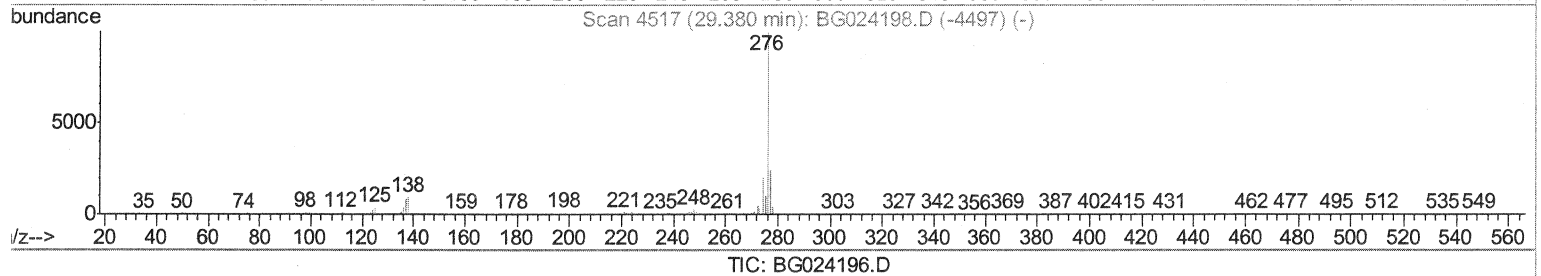
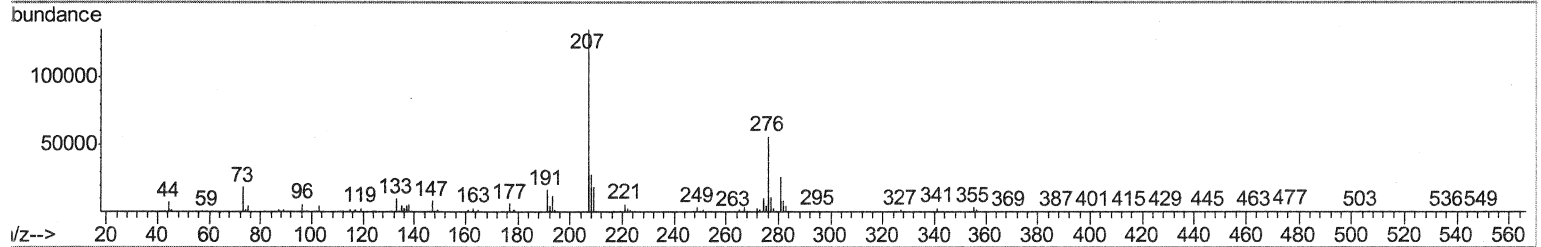
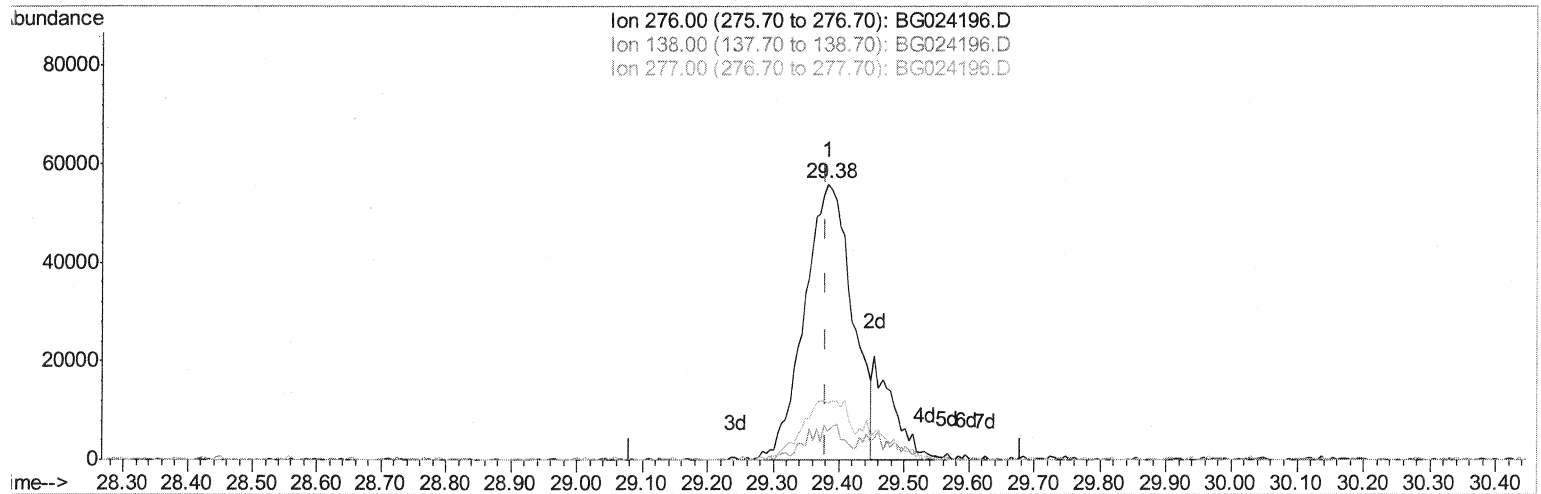
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Quant Title : SVOA CALIBRATION
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TIC: BG024196.D

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

29.384min (+0.003) 4.23ng/ul

response 281820

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	10.45#
277.00	22.00	20.50
0.00	0.00	0.00

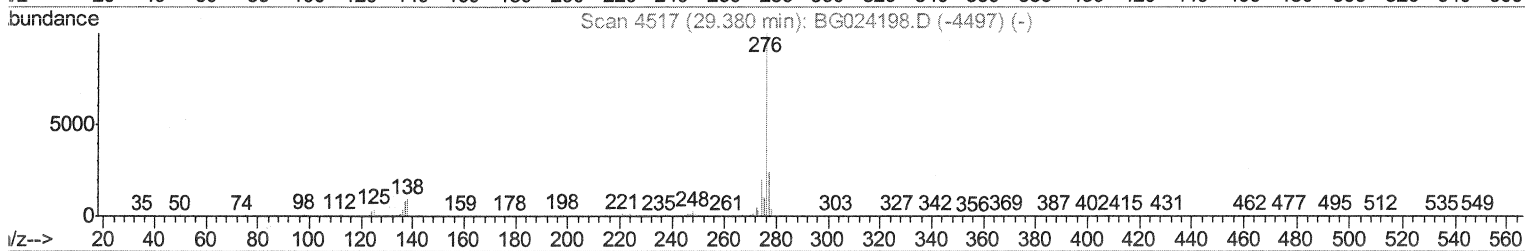
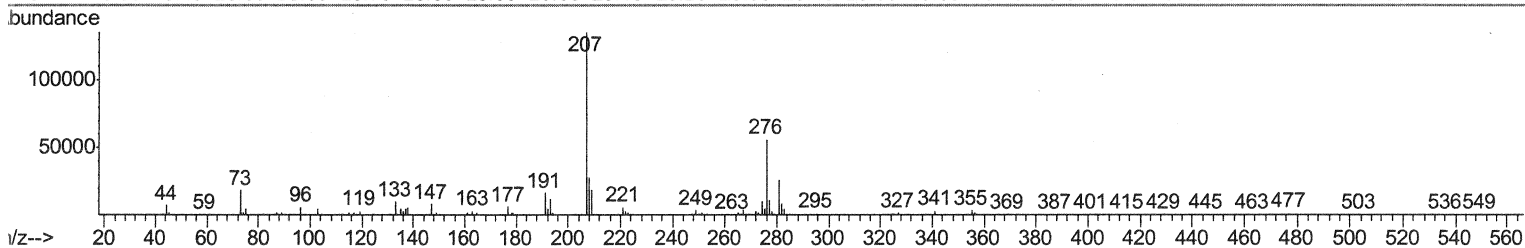
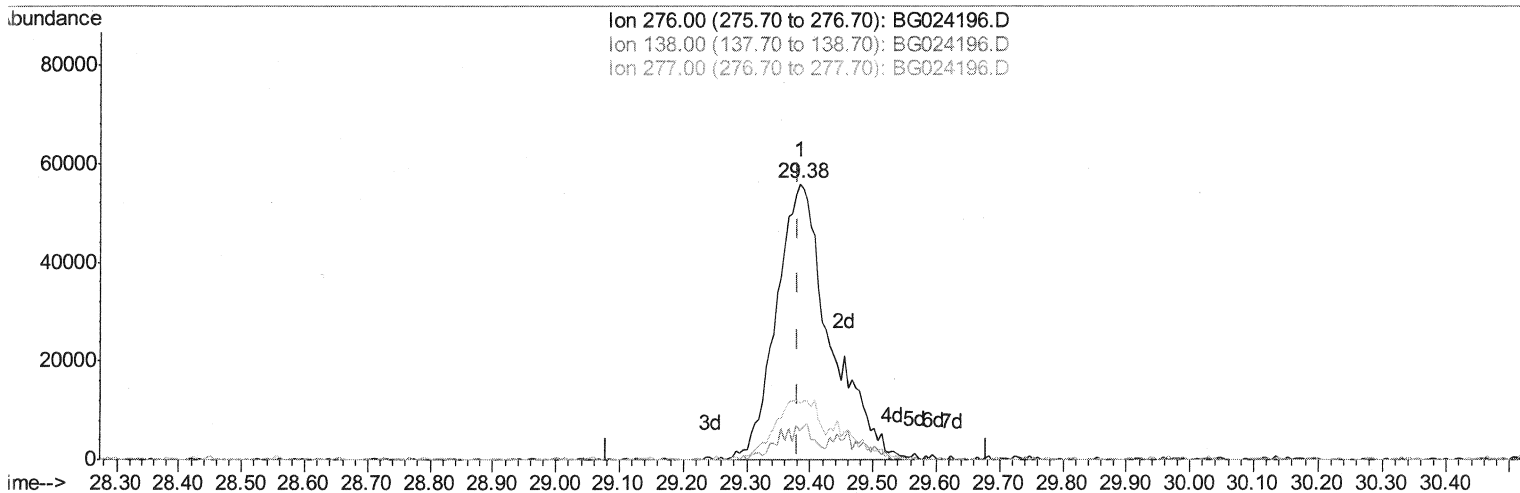
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100716\
Data File : BG024196.D
Acq On : 6 Oct 2016 13:11
Operator : UM/SJ
Sample : SST00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

Sohil
10/7/2016 6:00:26 PM

Quant Time: Oct 06 16:41:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 06 16:00:02 2016
Response via : Initial Calibration



TIC: BG024196.D

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

29.384min (+0.003) 4.89ng/ul m

UM 10107116

response 325791

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	10.45#
277.00	22.00	20.50
0.00	0.00	0.00

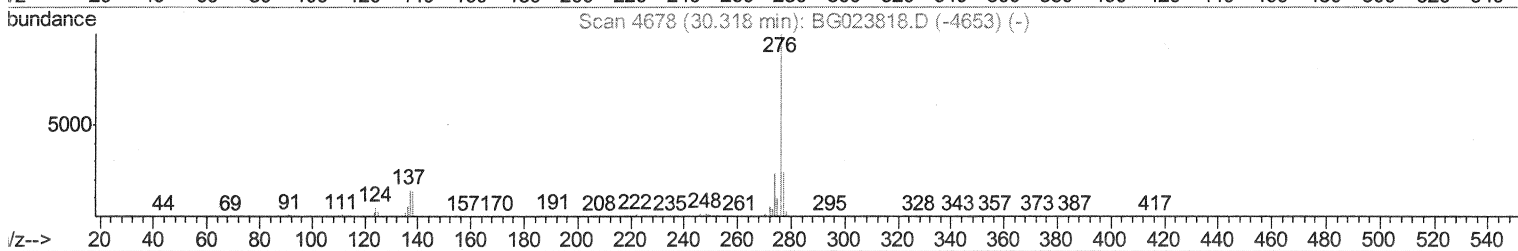
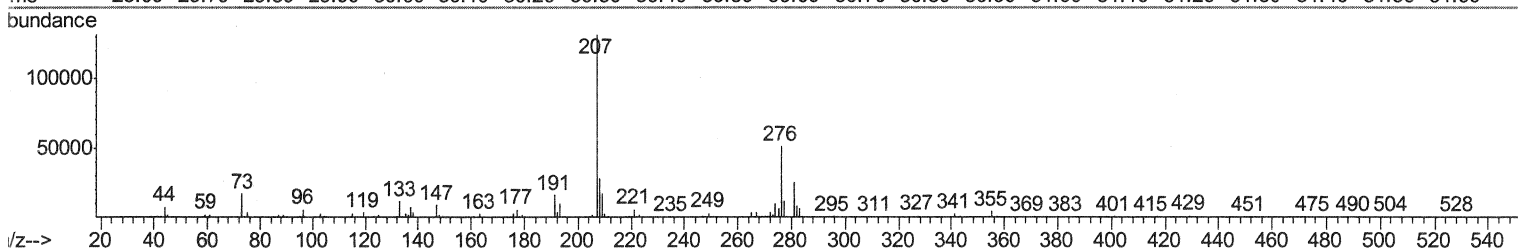
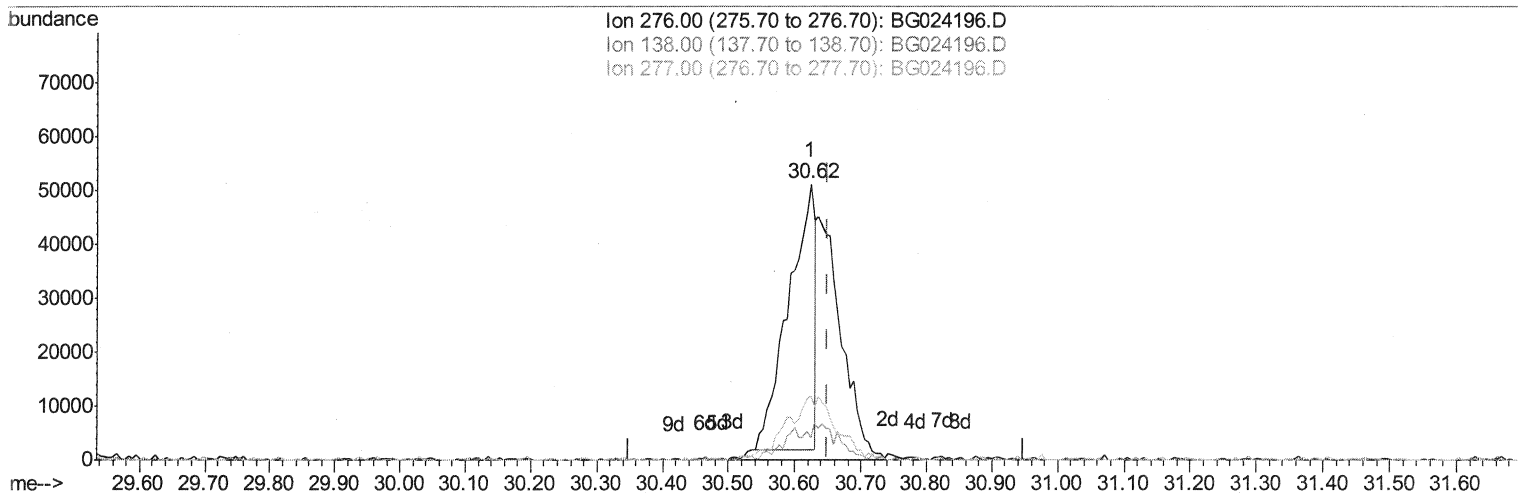
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Data File : BG024196.D
Acq On : 6 Oct 2016 13:11
Operator : UM/SJ
Sample : SST00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG024196.D

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

30.623min (-0.026) 2.44ng/ul

response 134417

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	8.21#
277.00	21.20	23.36
0.00	0.00	0.00

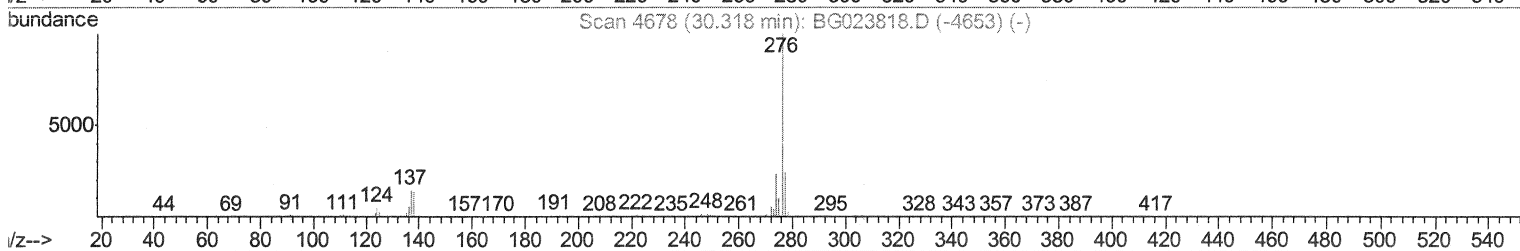
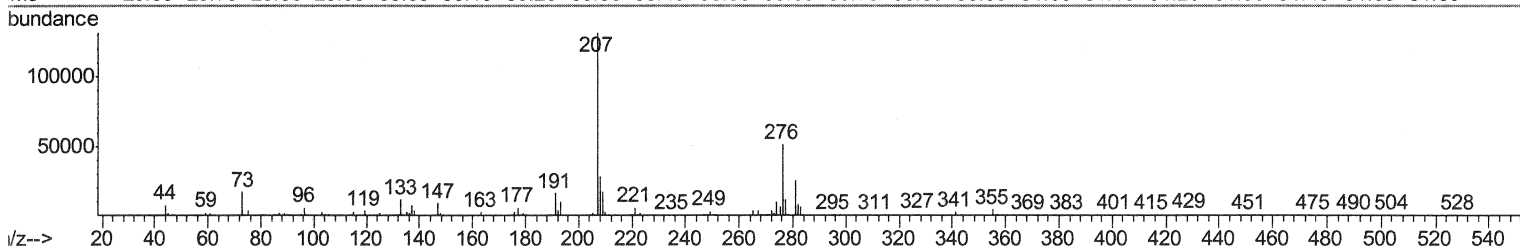
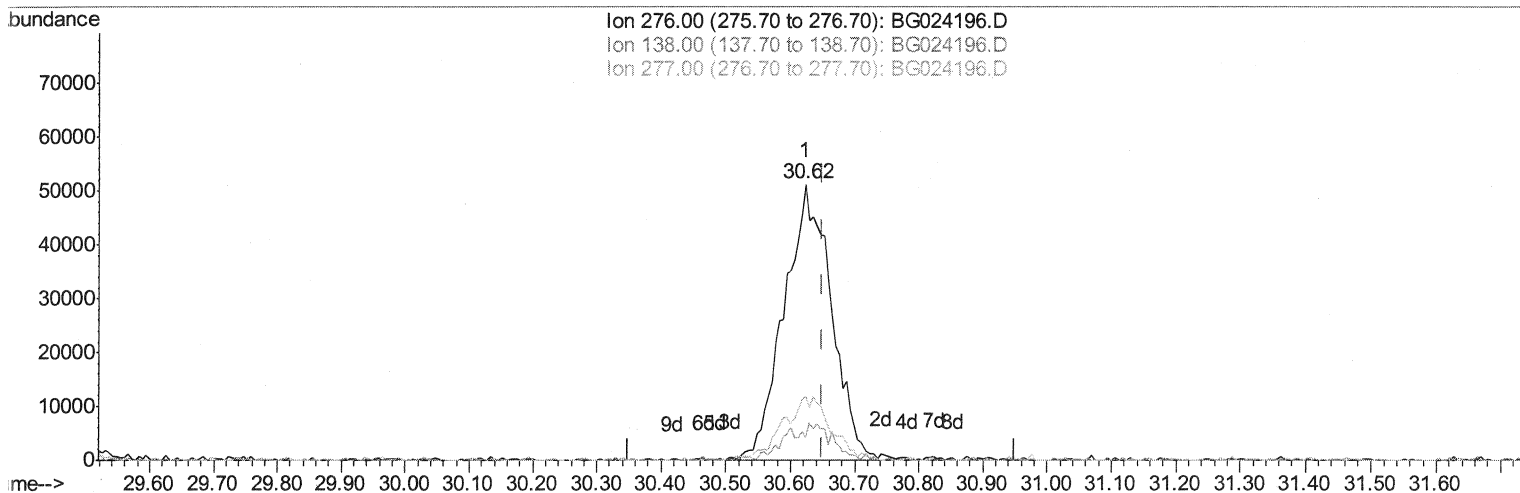
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100716\
Data File : BG024196.D
Acq On : 6 Oct 2016 13:11
Operator : UM/SJ
Sample : SST00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SST00501

Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 06 16:41:37 2016
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG024196.D

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

30.623min (-0.026) 4.76ng/ul m

UM 10/07/16

response 262041

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	8.21#
277.00	21.20	23.36
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100716\
 Data File : BG024196.D
 Acq On : 6 Oct 2016 13:11
 Operator : UM/SJ
 Sample : SST00501
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 SST00501

Manual Integrations
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Sohil
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Quant Time: Oct 06 16:44:58 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 06 16:00:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	109033	20.00	nq/ul	0.00
18) Naphthalene-d8	11.13	136	467894	20.00	nq/ul	0.00
35) Acenaphthene-d10	14.92	164	401197	20.00	nq/ul	0.00
61) Phenanthrene-d10	17.66	188	883805	20.00	nq/ul	0.00
75) Chrysene-d12	21.96	240	1007311	20.00	nq/ul	0.00
83) Perylene-d12	25.41	264	1014859	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	5132	2.14	nq/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	nq/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	nq/ul	
9) 2-Chlorophenol-d4	7.83	132	32690	4.50	nq/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	nq/ul	
19) Nitrobenzene-d5	9.47	128	15354	4.06	nq/ul	0.00
22) 2-Nitrophenol-d4	10.20	143	16555	3.84	nq/ul	0.00
26) 2,4-Dichlorophenol-d3	10.74	165	38693	4.97	nq/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	nq/ul	
43) Dimethylphthalate-d6	14.31	166	146026	4.39	nq/ul	0.00
46) Acenaphthylene-d8	14.61	160	159253	4.23	nq/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	nq/ul	
57) Fluorene-d10	15.90	176	138036	4.75	nq/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	nq/ul	
70) Anthracene-d10	17.76	188	215604	5.29	nq/ul	0.00
76) Pyrene-d10	20.02	212	243065	5.03	nq/ul	0.00
87) Benzo(a)pyrene-d12	25.18	264	228268	4.91	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.69	88	5423	2.15	nq/uL#	80
10) 2-Chlorophenol	7.86	128	35870	4.85	nq/ul#	76
15) N-Nitroso-di-n-propylamine	9.11	70	34378	4.27	nq/ul#	77
17) Hexachloroethane	9.40	117	17543	5.37	nq/ul#	77
20) Nitrobenzene	9.52	77	48674	4.40	nq/ul#	84
21) Isophorone	10.04	82	88157	4.31	nq/ul#	97
23) 2-Nitrophenol	10.24	139	19166	4.13	nq/ul#	74
24) 2,4-Dimethylphenol	10.27	107	49832	4.97	nq/ul#	84
25) Bis(2-Chloroethoxy)methane	10.52	93	50530	4.39	nq/ul#	95
27) 2,4-Dichlorophenol	10.76	162	37987	4.88	nq/ul#	86
28) Naphthalene	11.18	128	118641	4.96	nq/ul	98
31) Hexachlorobutadiene	11.45	225	30434	5.44	nq/ul	99
33) 4-Chloro-3-methylphenol	12.37	107	47532	4.94	nq/ul#	90
34) 2-Methylnaphthalene	12.77	142	97369	5.34	nq/ul	81
36) 1,2,4,5-Tetrachlorobenzene	13.12	216	55335	4.15	nq/ul	96
38) 2,4,6-Trichlorophenol	13.35	196	37827	4.31	nq/ul	86
39) 2,4,5-Trichlorophenol	13.41	196	41872	4.62	nq/ul	91
40) 1,1'-Biphenyl	13.75	154	130739	4.17	nq/ul#	86
41) 2-Chloronaphthalene	13.80	162	101103	4.24	nq/ul	90
42) 2-Nitroaniline	14.00	65	32293	3.26	nq/ul#	63
44) Dimethylphthalate	14.36	163	136712	4.11	nq/ul	99
45) 2,6-Dinitrotoluene	14.48	165	22389	3.15	nq/ul#	82
47) Acenaphthylene	14.64	152	157848	4.02	ng/ul	94

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.98	153	111510	4.24	nq/ul	97
53) Dibenzofuran	15.31	168	169351	4.43	nq/ul	98
54) 2,4-Dinitrotoluene	15.26	165	33727	3.25	nq/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.53	232	40367	4.83	nq/ul#	93
56) Diethylphthalate	15.71	149	149759	4.41	nq/ul#	95
58) Fluorene	15.96	166	143268	4.63	nq/ul	90
59) 4-Chlorophenyl-phenylether	15.95	204	75184	4.81	nq/ul	96
64) N-Nitrosodiphenylamine	16.16	169	124902	4.77	nq/ul	98
65) 4-Bromophenyl-phenylether	16.84	248	52026	5.11	nq/ul	94
66) Hexachlorobenzene	16.95	284	55611	5.07	nq/ul	96
69) Phenanthrene	17.70	178	244775	5.23	nq/ul	99
71) Anthracene	17.79	178	253128	5.26	nq/ul	95
73) Di-n-butylphthalate	18.59	149	231348	4.36	nq/ul#	96
77) Pyrene	20.05	202	296695	4.98	nq/ul#	84
78) Butylbenzylphthalate	20.92	149	105199	3.91	nq/ul#	83
80) Benzo(a)anthracene	21.94	228	304991	5.24	nq/ul	97
81) Bis(2-ethylhexyl)phthalate	21.82	149	159200	4.40	nq/ul#	99
82) Chrysene	22.01	228	289821	5.53	nq/ul	97
85) Benzo(b)fluoranthene	24.30	252	293976	4.98	nq/ul#	85
86) Benzo(k)fluoranthene	24.38	252	285330	5.01	nq/ul#	89
88) Benzo(a)pyrene	25.25	252	275023	4.86	nq/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.38	276	325791m	4.89	nq/ul	82
90) Dibenzo(a,h)anthracene	29.46	278	262109	4.59	nq/ul#	82
91) Benzo(g,h,i)perylene	30.62	276	262041m	4.76	nq/ul	82

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