

Instrument :
BNA_G
LabSampleId :
SSTD02006

mohammad
12/28/2020 1:35:57 PM

[illegible]

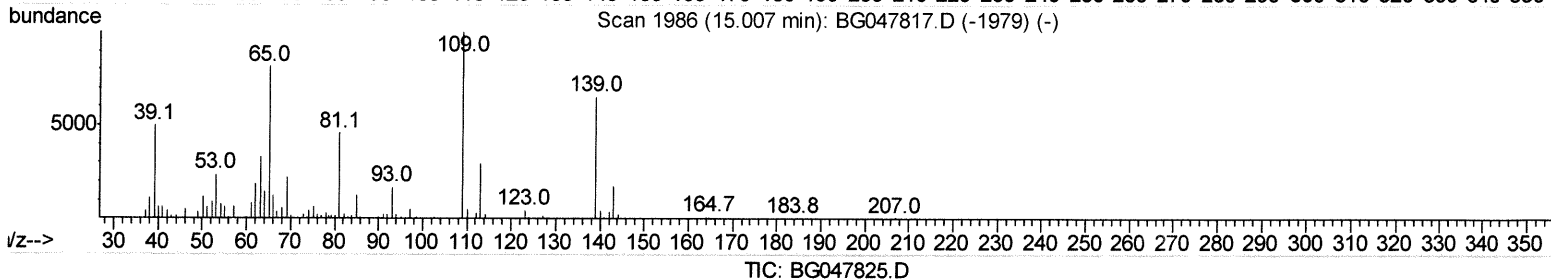
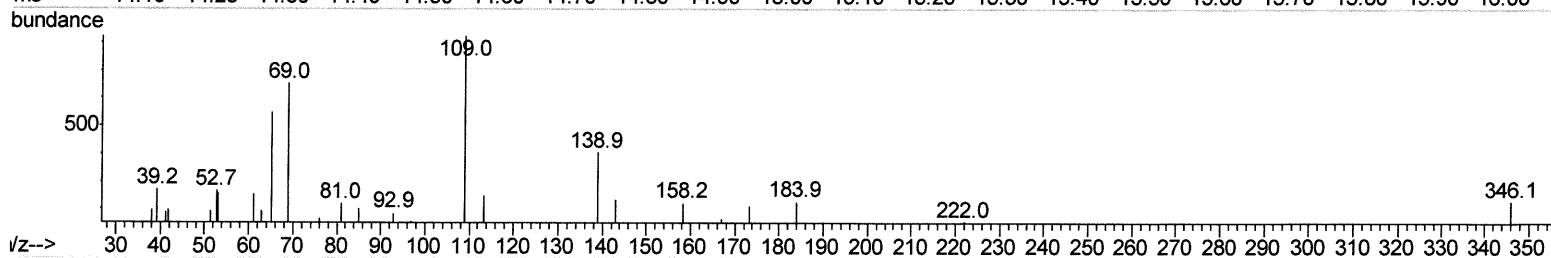
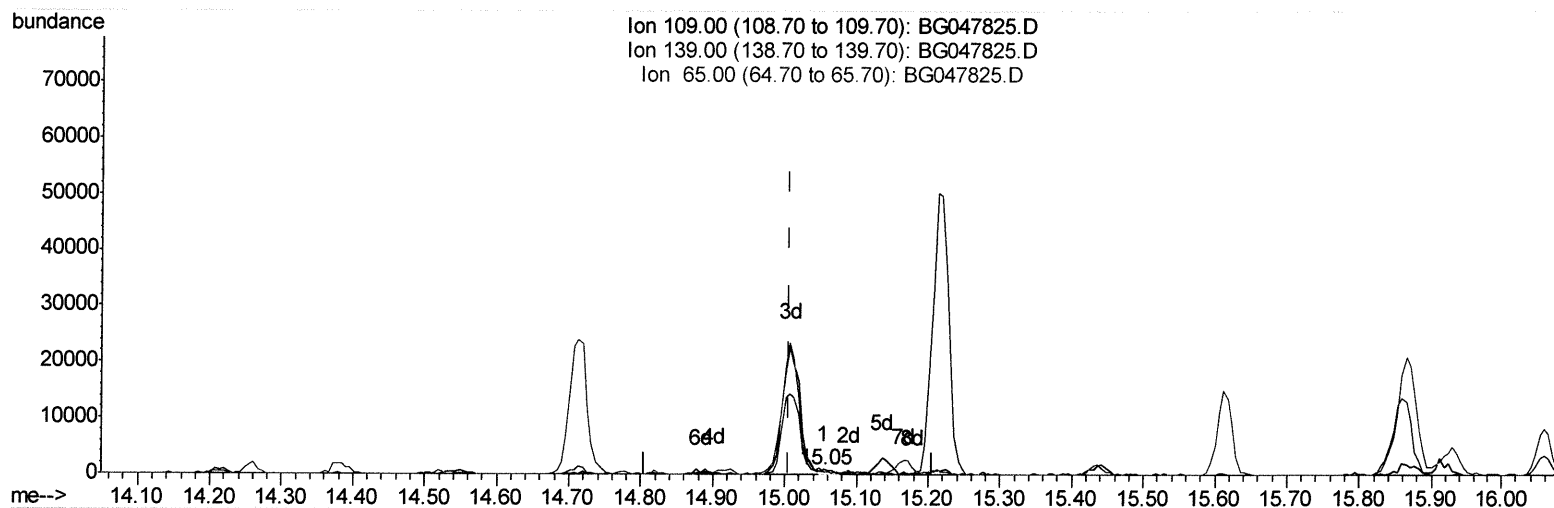
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
 Data File : BG047825.D
 Acq On : 24 Dec 2020 10:12
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Dec 24 10:53:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 13:42:29 2020
 Response via : Initial Calibration



(53) 4-Nitrophenol

15.054min (+0.048) 0.35ng/ul

response 800

Ion	Exp%	Act%
109.00	100	100
139.00	60.80	48.85
65.00	78.80	66.59
0.00	0.00	0.00

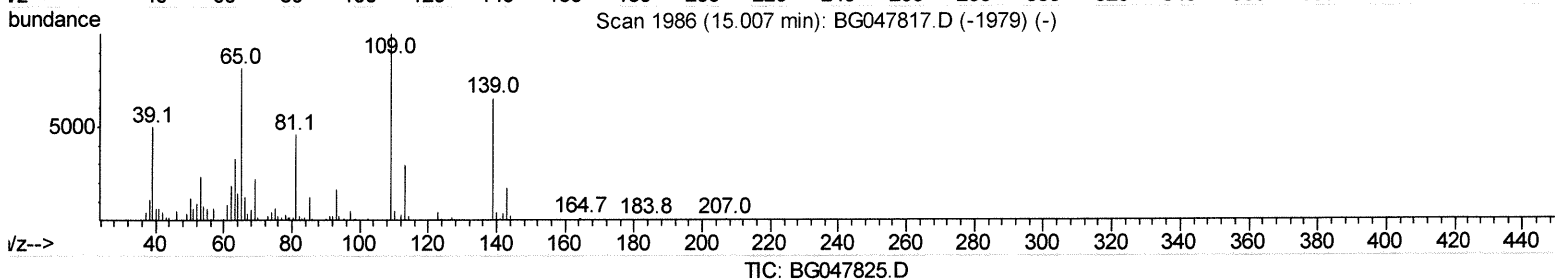
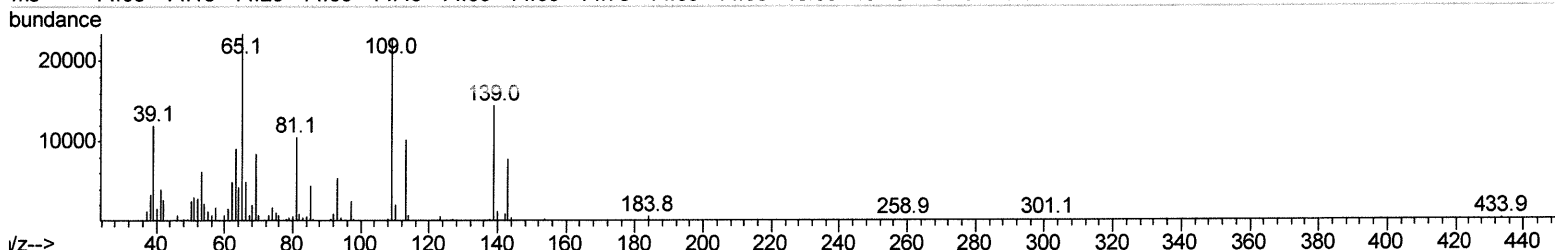
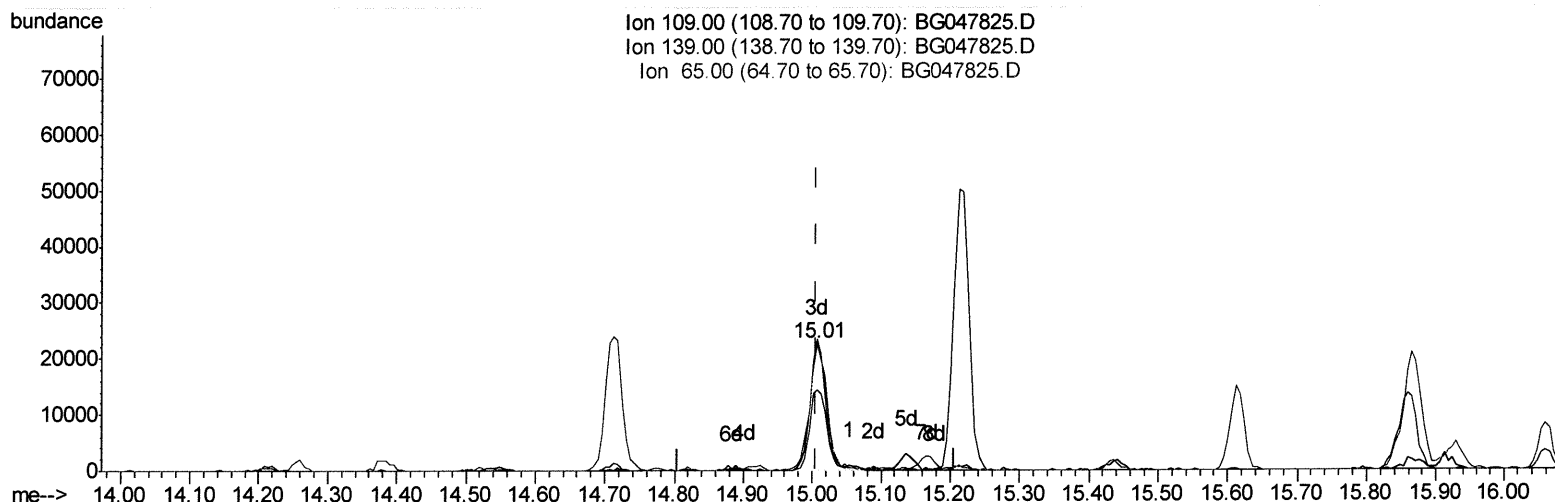
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(53) 4-Nitrophenol

15.007min (+0.001) 16.89ng/ul m

response 38827

Ion	Exp%	Act%
109.00	100	100
139.00	60.80	63.50
65.00	78.80	102.85#
0.00	0.00	0.00

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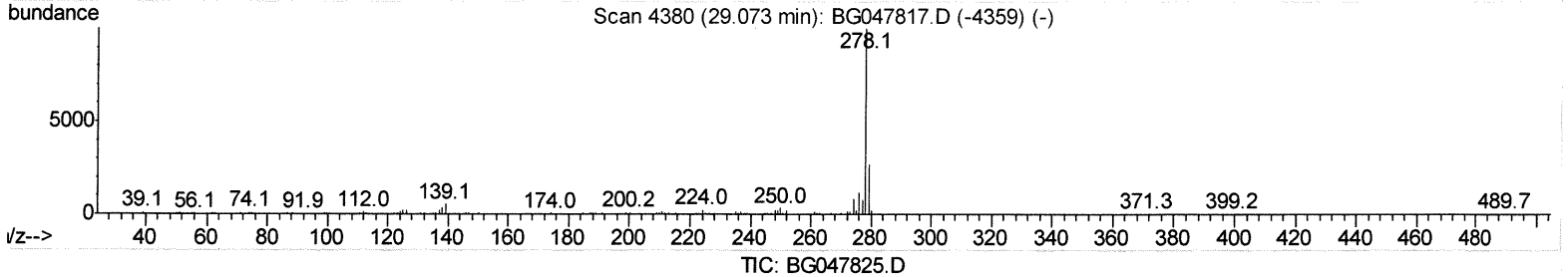
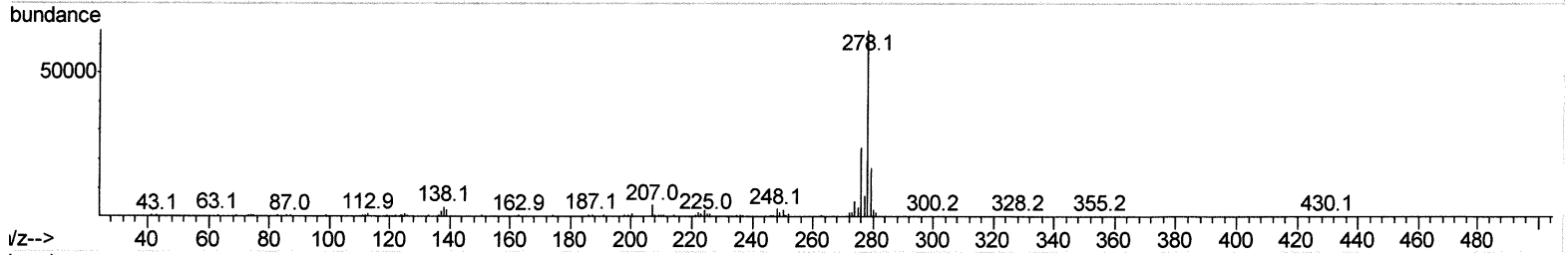
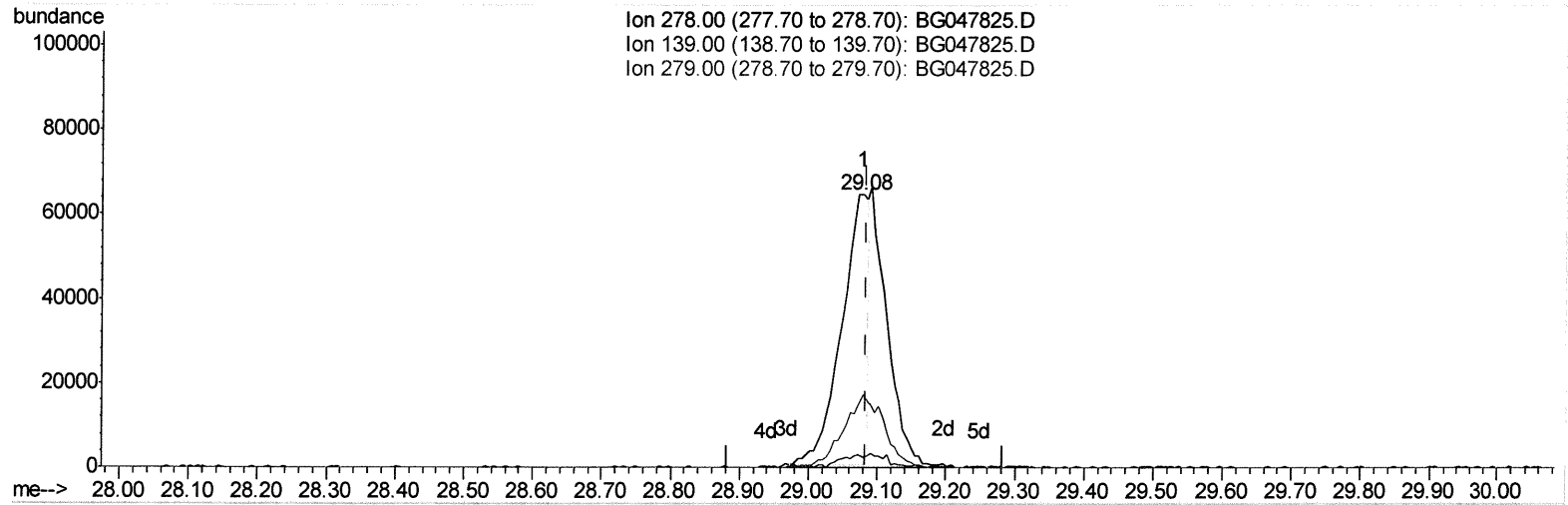
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(93) Dibenzo(a,h)anthracene

29.079min (-0.005) 10.54ng/ul

response 169872

Ion	Exp%	Act%
278.00	100	100
139.00	6.40	3.95#
279.00	22.70	26.51
0.00	0.00	0.00

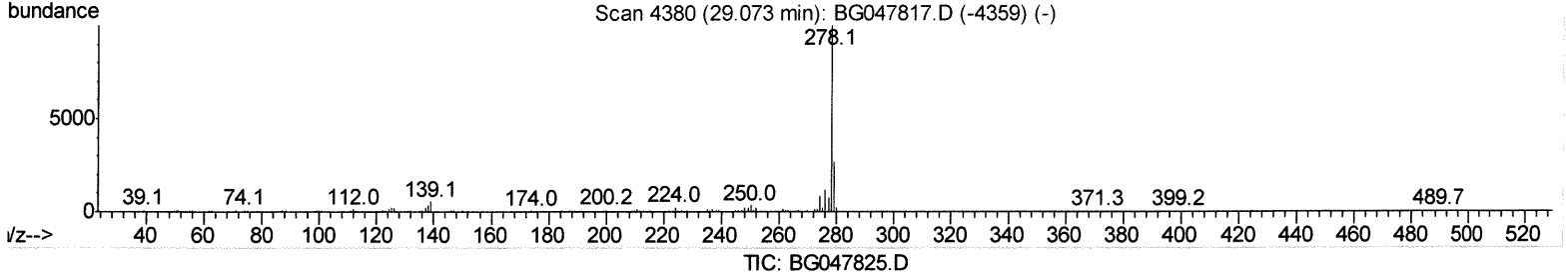
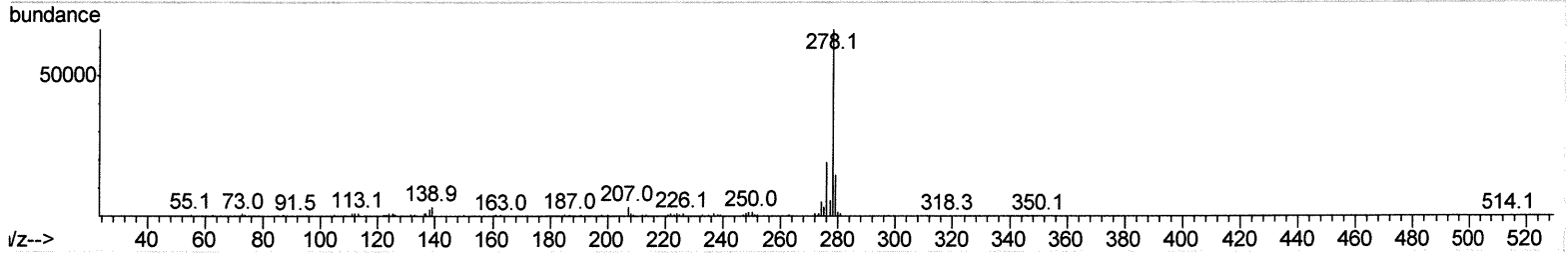
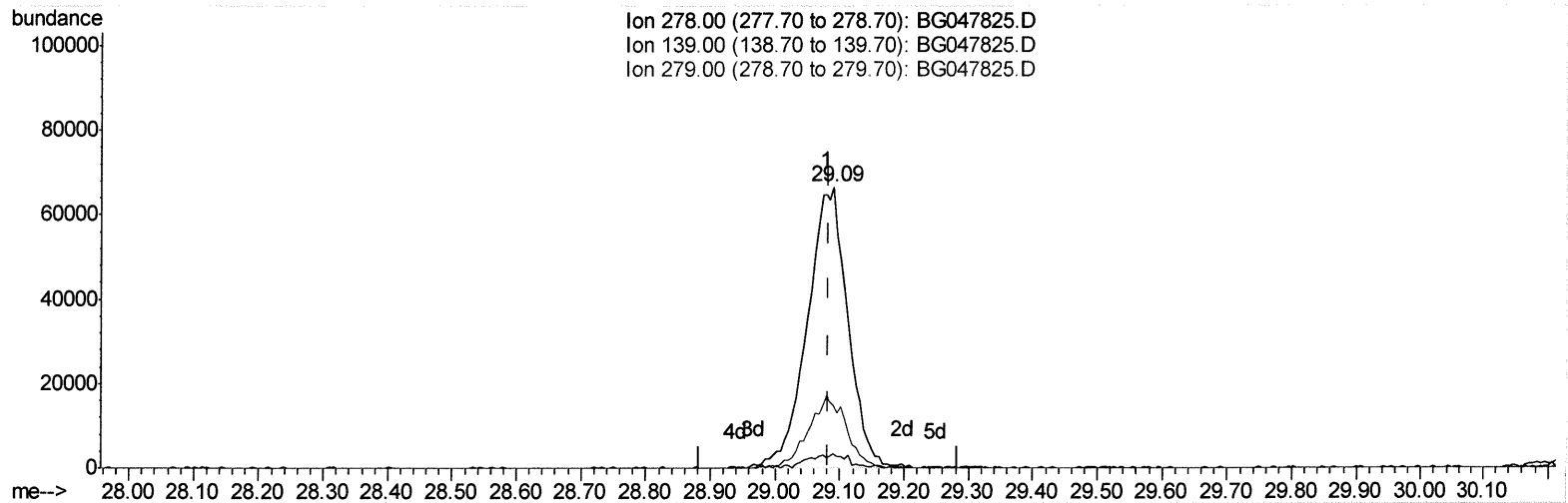
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(93) Dibenzo(a,h)anthracene

29.090min (+0.007) 18.22ng/ul m

response 293664

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Ion	Exp%	Act%
278.00	100	100
139.00	6.40	5.21
279.00	22.70	22.08
0.00	0.00	0.00

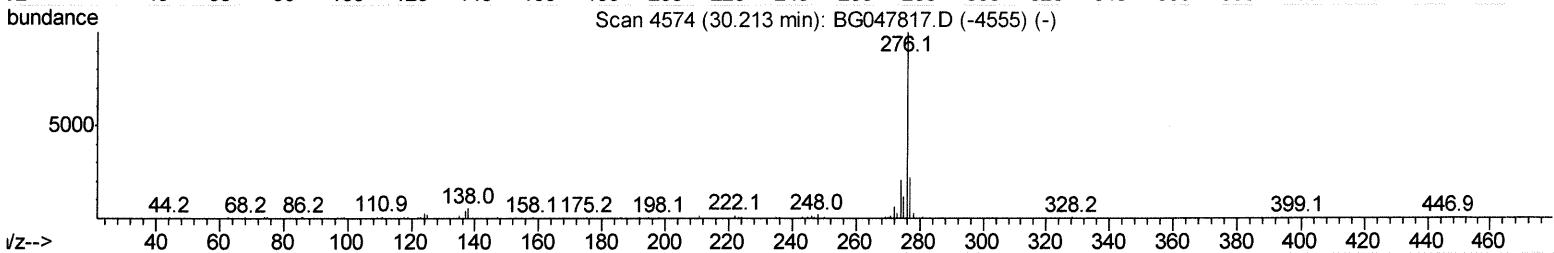
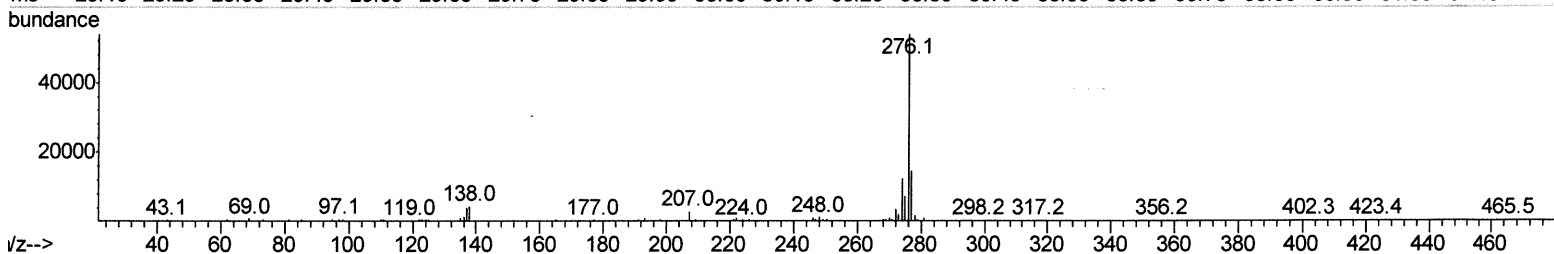
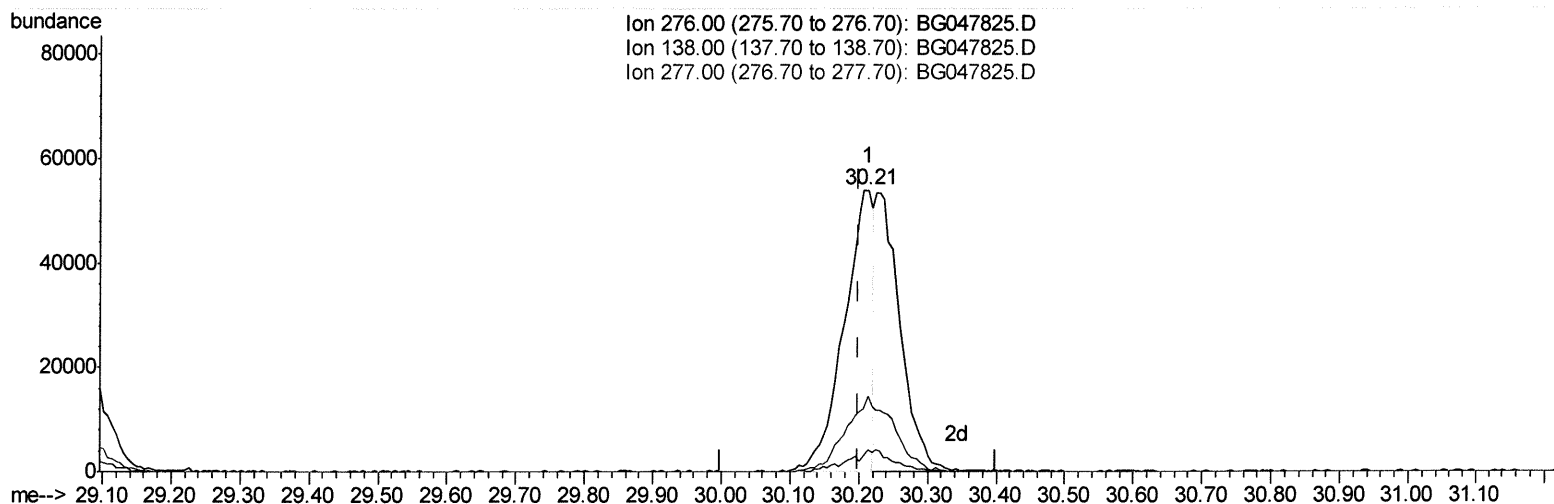
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(94) Benzo(g,h,i)perylene

30.213min (+0.013) 9.71ng/ul

response 153324

Ion	Exp%	Act%
276.00	100	100
138.00	6.70	7.97
277.00	22.30	26.77#
0.00	0.00	0.00

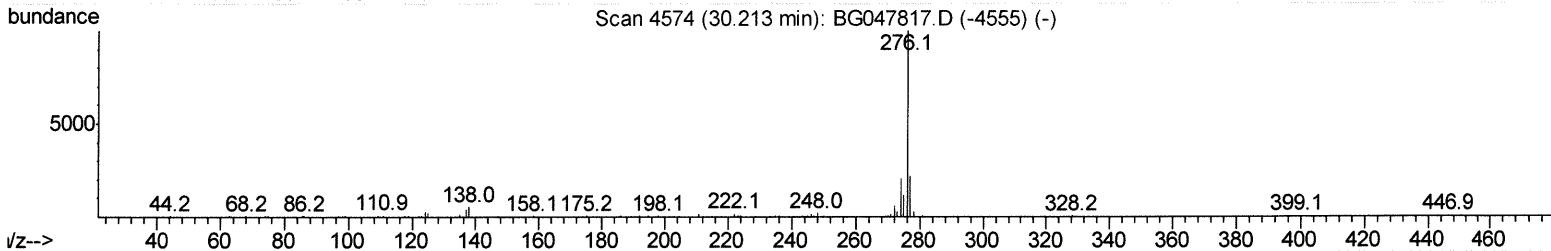
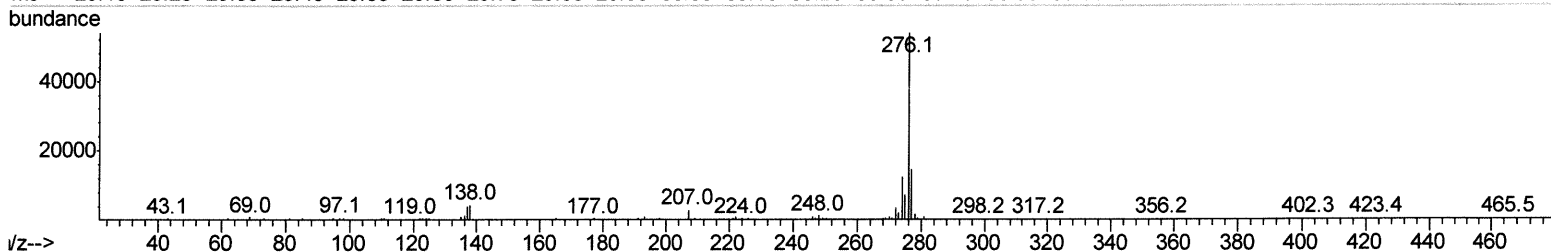
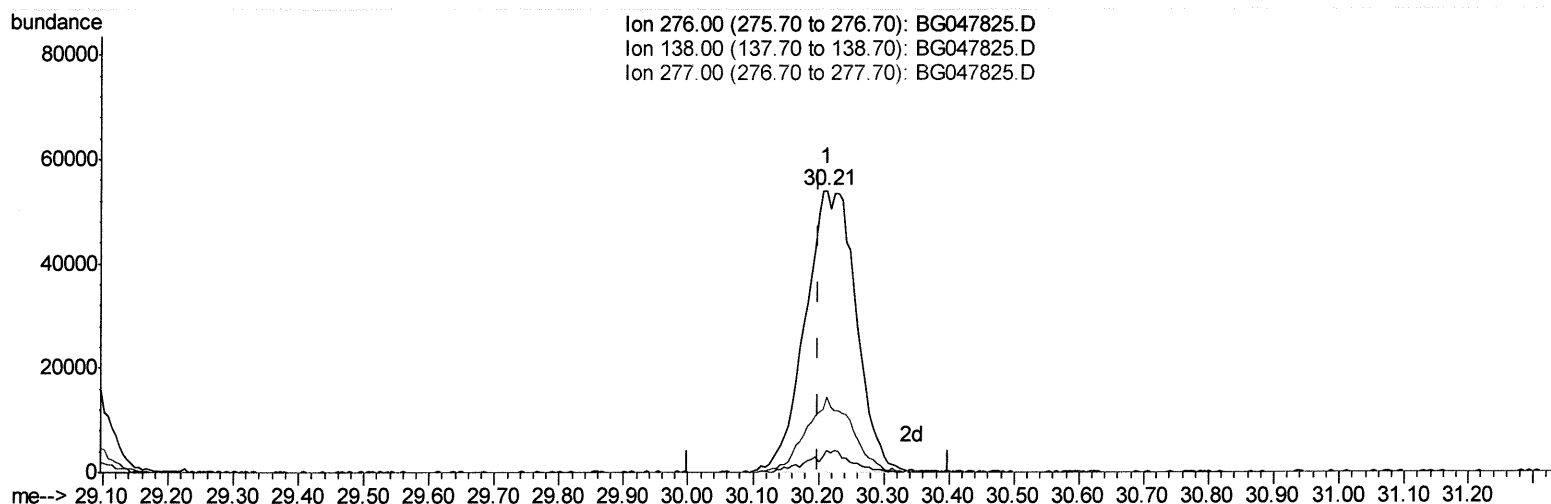
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 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02006

Manual Integrations
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TIC: BG047825.D

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

30.213min (+0.013) 18.36ng/ul m

response 289849

30.213/20

Ion	Exp%	Act%
276.00	100	100
138.00	6.70	7.97
277.00	22.30	26.77#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
 Data File : BG047825.D
 Acq On : 24 Dec 2020 10:12
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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 BNA_G
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 SSTD02006

Manual Integrations
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Quant Time: Dec 24 10:56:13 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	35526	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	140194	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	108431	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	270421	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	238675	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	250525	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5293	7.93	ng/uL	0.00
5) Phenol-d5	7.34	99	59034	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	30629	19.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	43576	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	47272	19.59	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	20951	18.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	24657	17.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	54153	18.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	51182	18.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	160130	17.00	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	189155	17.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	23695	16.96	ng/ul	0.00
58) Fluorene-d10	15.81	176	152392	17.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	31379	17.14	ng/ul	0.00
71) Anthracene-d10	17.66	188	242670	17.99	ng/ul	0.00
79) Pyrene-d10	19.92	212	268787	19.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	261541	17.87	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	5722	8.317	ng/uL# 77
4) Benzaldehyde	7.32	77	27578	17.092	ng/ul# 85
6) Phenol	7.37	94	56373	19.625	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.60	93	38070	19.047	ng/ul# 82
10) 2-Chlorophenol	7.76	128	43889	19.333	ng/ul# 94
11) 2-Methylphenol	8.63	108	44220	19.366	ng/ul 88
12) 2,2'-oxybis(1-Chloropropan	8.73	45	37543	20.056	ng/ul# 94
14) Acetophenone	9.03	105	73621	19.337	ng/ul 95
15) N-Nitroso-di-n-propylamine	9.00	70	40261	19.135	ng/ul# 93
16) 4-Methylphenol	8.96	108	45423	18.623	ng/ul 87
17) Hexachloroethane	9.30	117	23227	20.928	ng/ul 91
20) Nitrobenzene	9.41	77	67453	18.648	ng/ul# 92
21) Isophorone	9.93	82	113419	18.248	ng/ul 98
23) 2-Nitrophenol	10.13	139	26790	19.013	ng/ul# 91
24) 2,4-Dimethylphenol	10.18	107	61868	18.333	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.41	93	51746	18.175	ng/ul 95
27) 2,4-Dichlorophenol	10.66	162	46363	18.324	ng/ul 97
28) Naphthalene	11.08	128	142798	18.266	ng/ul# 94
30) 4-Chloroaniline	11.18	127	47971	18.895	ng/ul 88
31) Hexachlorobutadiene	11.36	225	50533	18.290	ng/ul 96
32) Caprolactam	11.93	113	14928	17.514	ng/ul 93
33) 4-Chloro-3-methylphenol	12.27	107	54345	17.642	ng/ul 93
34) 2-Methylnaphthalene	12.66	142	108394	17.997	ng/ul 89

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35) 1-Methylnaphthalene	12.88	142	126115	18.060	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	80665	18.720	ng/uL#	92
38) Hexachlorocyclopentadiene	13.01	237	43192	14.355	ng/uL	98
39) 2,4,6-Trichlorophenol	13.26	196	50912	18.094	ng/uL#	92
40) 2,4,5-Trichlorophenol	13.33	196	51397	17.660	ng/uL	94
41) 1,1'-Biphenyl	13.66	154	149918	18.367	ng/uL	100
42) 2-Chloronaphthalene	13.71	162	120410	18.220	ng/uL	95
43) 2-Nitroaniline	13.90	65	42496	17.995	ng/uL	98
45) Dimethylphthalate	14.26	163	163206	17.106	ng/uL	99
46) 2,6-Dinitrotoluene	14.38	165	36164	17.719	ng/uL#	80
48) Acenaphthylene	14.55	152	177922	17.830	ng/uL	98
49) 3-Nitroaniline	14.71	138	23482	16.863	ng/uL#	97
50) Acenaphthene	14.88	153	124928	17.713	ng/uL	93
51) 2,4-Dinitrophenol	14.92	184	15984	13.565	ng/uL	94
53) 4-Nitrophenol	15.01	109	38827m	16.889	ng/uL	97
54) Dibenzofuran	15.22	168	183457	17.828	ng/uL	97
55) 2,4-Dinitrotoluene	15.17	165	49813	17.297	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	15.44	232	47032	17.275	ng/uL#	98
57) Diethylphthalate	15.61	149	157965	16.963	ng/uL	99
59) Fluorene	15.86	166	153875	17.488	ng/uL	96
60) 4-Chlorophenyl-phenylether	15.85	204	97654	17.759	ng/uL	98
61) 4-Nitroaniline	15.87	138	25130	16.175	ng/uL	97
64) 4,6-Dinitro-2-methylphenol	15.94	198	30174	16.349	ng/uL#	92
65) N-Nitrosodiphenylamine	16.06	169	135100	18.124	ng/uL#	86
66) 4-Bromophenyl-phenylether	16.74	248	65178	18.690	ng/uL	95
67) Hexachlorobenzene	16.86	284	69564	18.290	ng/uL	95
68) Atrazine	16.99	200	61970	17.944	ng/uL	97
69) Pentachlorophenol	17.20	266	30542	18.573	ng/uL	97
70) Phenanthrene	17.60	178	264710	18.061	ng/uL	98
72) Anthracene	17.69	178	266010	18.208	ng/uL	95
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	82636	19.502	ng/uL	99
74) Pentachlorobenzene	15.14	250	81701	19.341	ng/uL	99
75) Carbazole	17.96	167	215544	18.500	ng/uL	99
76) Di-n-butylphthalate	18.50	149	264278	17.757	ng/uL	97
77) Fluoranthene	19.60	202	342264	18.353	ng/uL	99
80) Pvrene	19.95	202	329079	18.957	ng/uL	99
81) Butylbenzylphthalate	20.82	149	110606	19.150	ng/uL	94
82) 3,3'-Dichlorobenzidine	21.72	252	95026	17.422	ng/uL	94
83) Benzo(a)anthracene	21.81	228	313749	18.400	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	152408	18.802	ng/uL	96
85) Chrysene	21.88	228	297627	18.494	ng/uL	97
87) Di-n-octyl phthalate	22.94	149	246656	18.682	ng/uL	100
88) Benzo(b)fluoranthene	24.11	252	322825	18.459	ng/uL	94
89) Benzo(k)fluoranthene	24.18	252	315232	18.188	ng/uL	96
91) Benzo(a)pyrene	25.02	252	288424	18.289	ng/uL#	97
92) Indeno(1,2,3-cd)pyrene	29.02	276	353393	18.375	ng/uL	97
93) Dibenzo(a,h)anthracene	29.09	278	293664m	18.217	ng/uL	97
94) Benzo(a,h,i)perylene	30.21	276	289849m	18.357	ng/uL	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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