Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049319.D
Acq On : 13 Jul 2021 18:22
Operator : CG/JU
Sample : PB137664BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 14 03:07:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS664

Manual Integrations APPROVED
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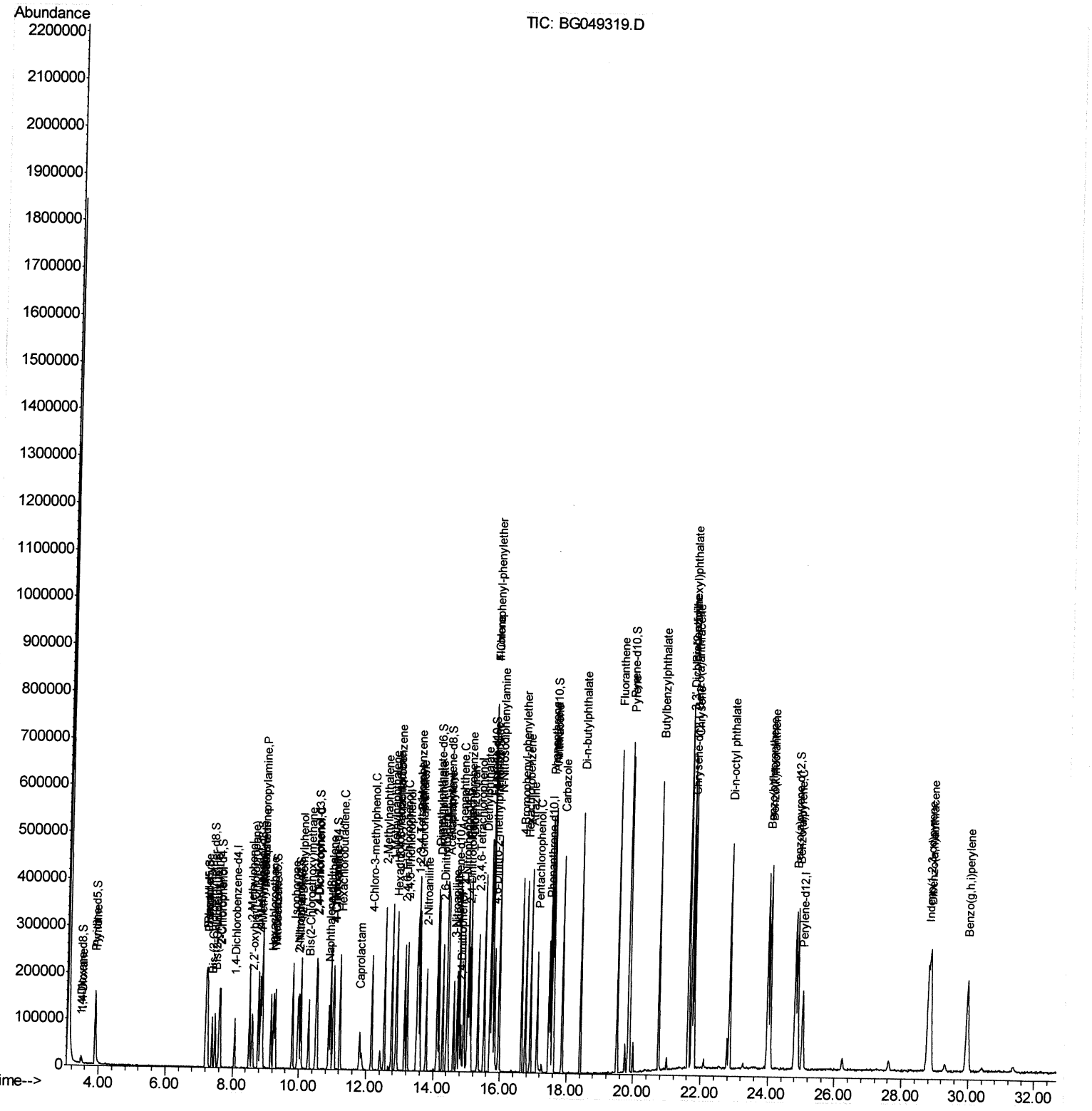

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049319.D
Acq On : 13 Jul 2021 18:22
Operator : CG/JU
Sample : PB137664BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 14 03:03:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
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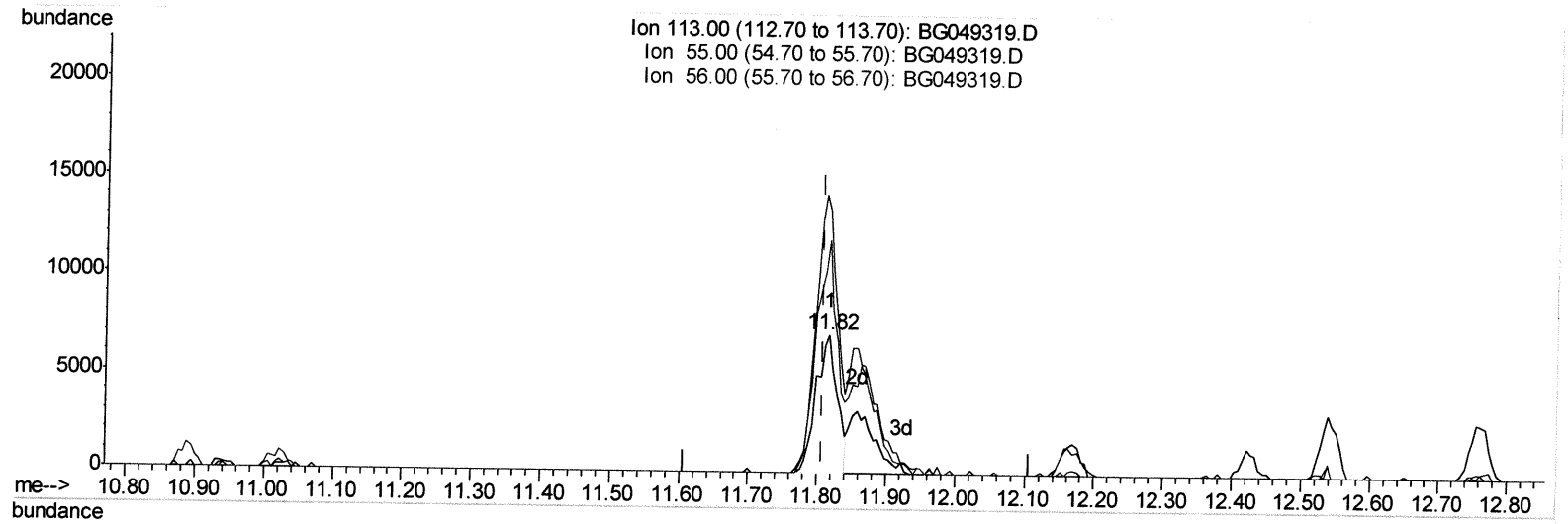
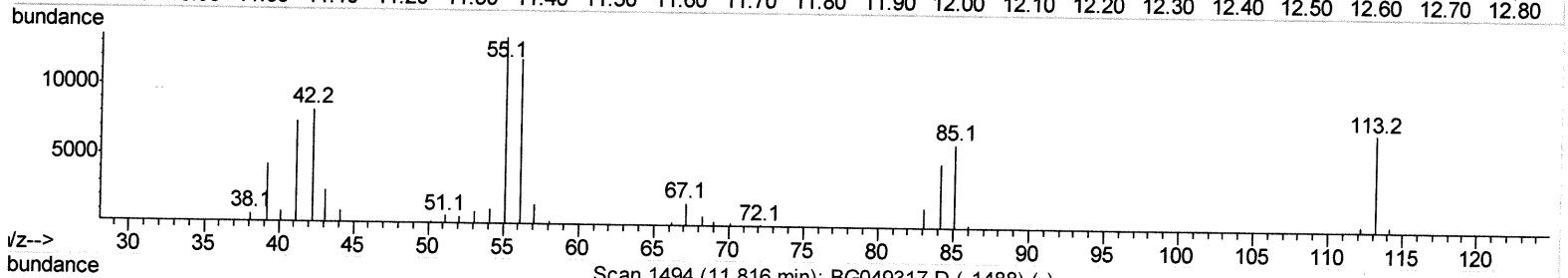
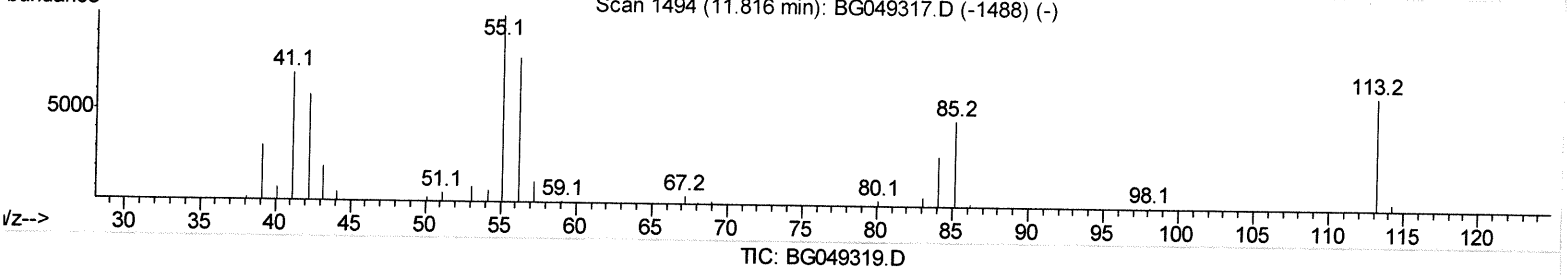




Scan 1494 (11.816 min): BG049317.D (-1488) (-)



TIC: BG049319.D

(34) Caprolactam

11.816min (+0.009) 25.35ng/ul

response 14911

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	190.82
56.00	171.90	168.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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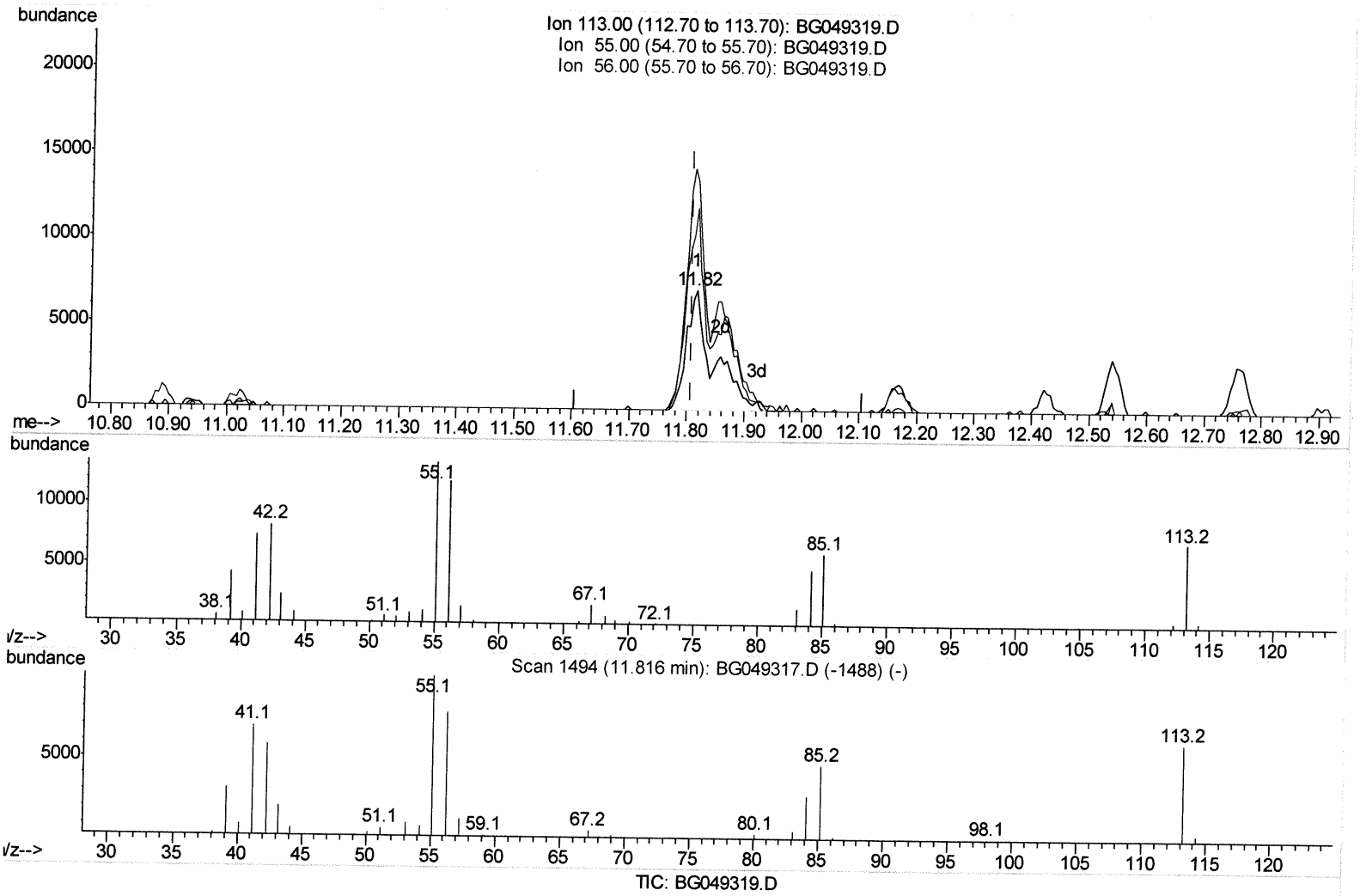

Scan 1494 (11.816 min): BG049317.D (-1488) (-)

TIC: BG049319.D

(34) Caprolactam

11.816min (+0.009) 39.69ng/ul m

response 23348 JG 7/20/21

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	190.82
56.00	171.90	168.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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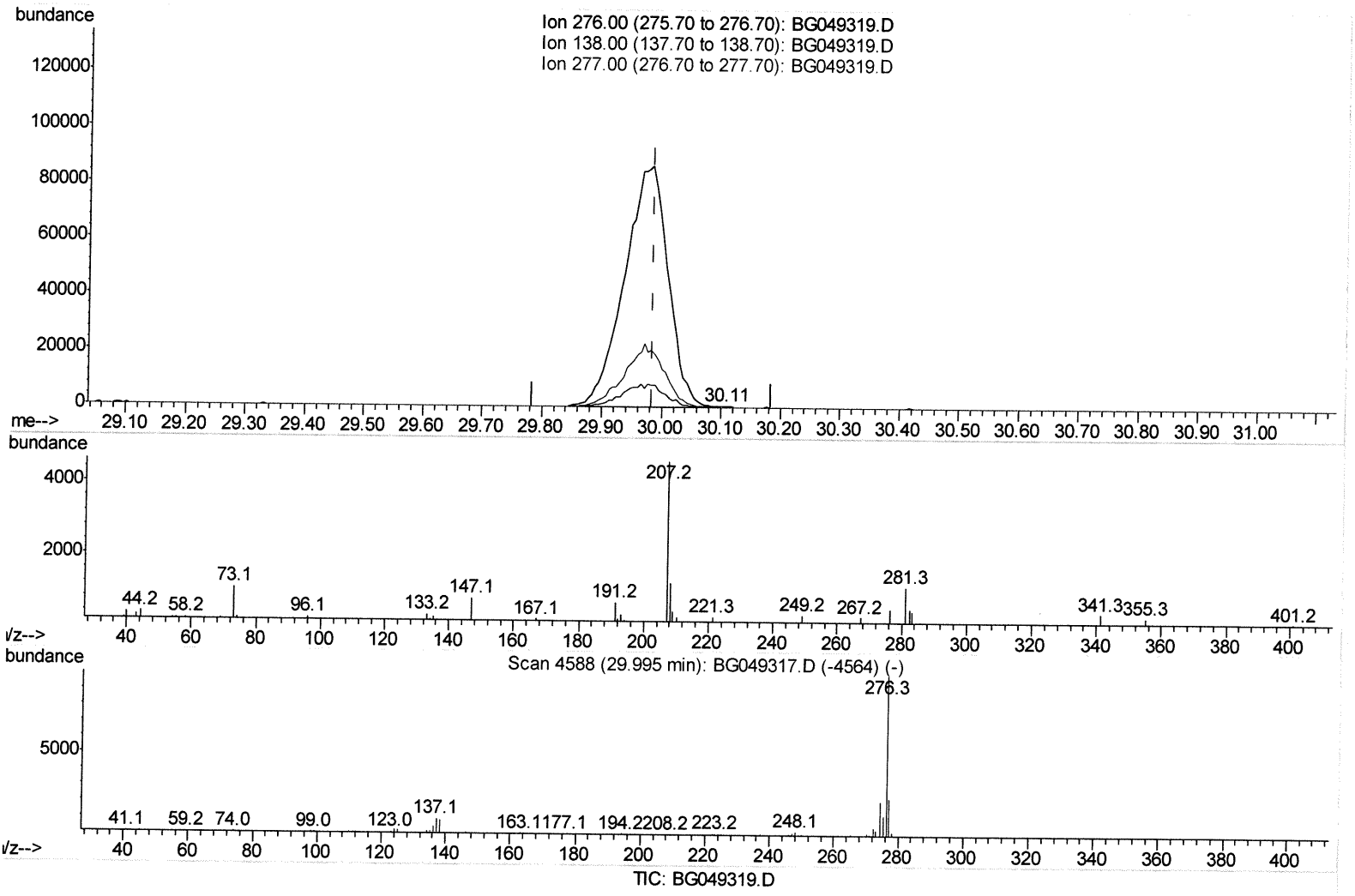

(96) Benzo(g,h,i)perylene

30.107min (+0.121) 0.05ng/ul

response 497

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	0.00#
277.00	20.40	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 14 03:03:41 2021
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Manual Integrations APPROVED
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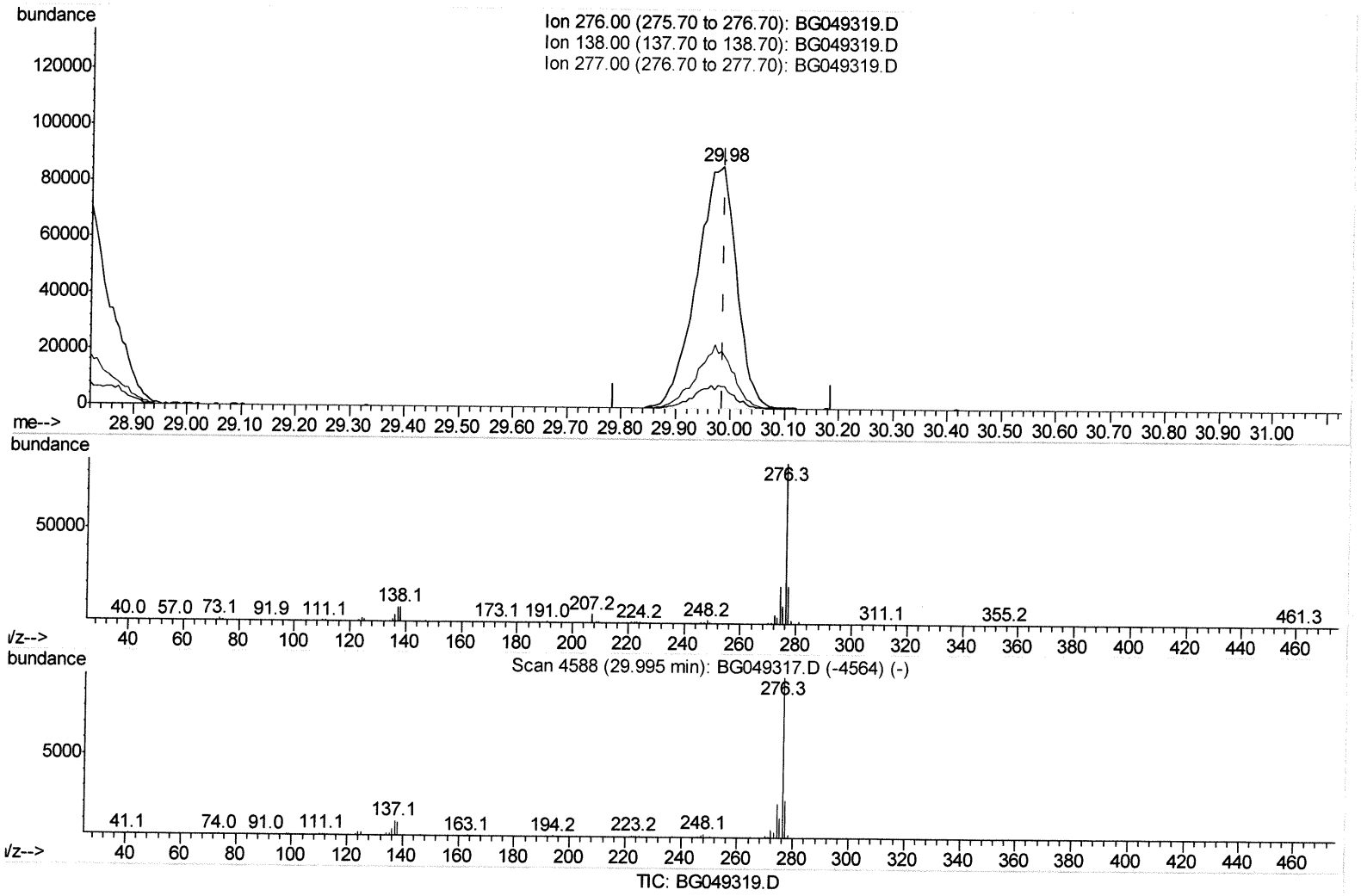

(96) Benzo(g,h,i)perylene

29.983min (-0.003) 41.28ng/ul m

response 438624

7/14/21

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	9.24
277.00	20.40	23.70
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27229	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.89	136	107675	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	75814	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	178045	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	172756	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	183458	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	4087	7.06	ng/uL	0.00
4) Pyridine-d5	3.88	84	61741	36.27	ng/ul	0.00
7) Phenol-d5	7.22	99	87621	36.99	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	50797	36.98	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	67890	38.78	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	72101	37.99	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	34249	41.45	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	40330	42.52	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.51	165	78546	42.44	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	87531	36.29	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	247217	42.40	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	289655	42.34	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	37458	38.81	ng/ul	0.00
60) Fluorene-d10	15.71	176	206367	41.80	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	38500	34.02	ng/ul	0.00
73) Anthracene-d10	17.56	188	335726	41.42	ng/ul	0.00
81) Pyrene-d10	19.85	212	388513	43.88	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	410377	43.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	8867	12.578	ng/uL	95
5) Pyridine	3.90	79	64112	33.954	ng/ul#	84
6) Benzaldehyde	7.20	77	57453	40.321	ng/ul	92
8) Phenol	7.25	94	86228	36.403	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.48	93	61553	34.949	ng/ul#	83
12) 2-Chlorophenol	7.63	128	65601	37.127	ng/ul	93
13) 2-Methylphenol	8.51	108	64912	35.977	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.59	45	103751	36.624	ng/ul	95
16) Acetophenone	8.90	105	107391	34.498	ng/ul	90
17) N-Nitroso-di-n-propylamine	8.88	70	56241	35.556	ng/ul	89
18) 4-Methylphenol	8.84	108	68701	36.600	ng/ul	89
19) Hexachloroethane	9.15	117	28806	36.006	ng/ul	93
22) Nitrobenzene	9.28	77	90803	38.969	ng/ul#	97
23) Isophorone	9.81	82	156055	38.770	ng/ul	99
25) 2-Nitrophenol	9.99	139	38634	39.925	ng/ul	99
26) 2,4-Dimethylphenol	10.05	107	81963	38.253	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.28	93	85326	39.761	ng/ul	97
29) 2,4-Dichlorophenol	10.54	162	67101	39.679	ng/ul	96
30) Naphthalene	10.94	128	206643	38.492	ng/ul	97
32) 4-Chloroaniline	11.05	127	82947	34.883	ng/ul	97
33) Hexachlorobutadiene	11.22	225	57080	39.803	ng/ul	97
34) Caprolactam	11.82	113	23348m	39.688	ng/ul	

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.16	107	81006	42.883 ng/ul	88
36) 2-Methylnaphthalene	12.54	142	159095	39.005 ng/ul	97
37) 1-Methylnaphthalene	12.76	142	155051	38.225 ng/ul#	96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	96367	40.469 ng/ul#	98
40) Hexachlorocyclopentadiene	12.89	237	55281	34.956 ng/ul	94
41) 2,4,6-Trichlorophenol	13.14	196	65023	42.214 ng/ul	89
42) 2,4,5-Trichlorophenol	13.22	196	70613	43.101 ng/ul#	92
43) 1,1'-Biphenyl	13.54	154	207998	40.608 ng/ul	98
44) 2-Chloronaphthalene	13.59	162	159274	39.689 ng/ul	98
45) 2-Nitroaniline	13.79	65	62505	42.483 ng/ul	92
47) Dimethylphthalate	14.16	163	220977	40.832 ng/ul	100
48) 2,6-Dinitrotoluene	14.28	165	47436	40.700 ng/ul	88
50) Acenaphthylene	14.44	152	246558	40.524 ng/ul	98
51) 3-Nitroaniline	14.62	138	40640	38.292 ng/ul	96
52) Acenaphthene	14.78	153	178497	40.397 ng/ul	99
53) 2,4-Dinitrophenol	14.83	184	22339	30.243 ng/ul	96
55) 4-Nitrophenol	14.92	109	49252	40.428 ng/ul	92
56) Dibenzofuran	15.11	168	257460	41.114 ng/ul	94
57) 2,4-Dinitrotoluene	15.07	165	67910	40.378 ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	59494	38.725 ng/ul#	91
59) Diethylphthalate	15.52	149	231437	39.784 ng/ul	97
61) Fluorene	15.76	166	215456	40.653 ng/ul	94
62) 4-Chlorophenyl-phenylether	15.75	204	118862	40.797 ng/ul	95
63) 4-Nitroaniline	15.78	138	44238	42.460 ng/ul	87
66) 4,6-Dinitro-2-methylphenol	15.84	198	36333	33.738 ng/ul#	98
67) N-Nitrosodiphenylamine	15.96	169	184890	40.787 ng/ul	99
68) 4-Bromophenyl-phenylether	16.65	248	81086	40.832 ng/ul	94
69) Hexachlorobenzene	16.77	284	91788	40.813 ng/ul	96
70) Atrazine	16.91	200	84384	40.675 ng/ul	93
71) Pentachlorophenol	17.12	266	53601	39.933 ng/ul	97
72) Phenanthrene	17.50	178	347003	39.958 ng/ul	98
74) Anthracene	17.60	178	350922	39.558 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.51	216	100023	41.180 ng/uL	93
76) Pentachlorobenzene	15.03	250	106787	41.443 ng/uL	97
77) Carbazole	17.87	167	308106	38.933 ng/ul	99
78) Di-n-butylphthalate	18.41	149	380521	38.431 ng/ul	98
80) Fluoranthene	19.51	202	432692	42.018 ng/ul	99
82) Pyrene	19.88	202	423390	41.264 ng/ul	99
83) Butylbenzylphthalate	20.75	149	166298	41.283 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.64	252	154879	38.372 ng/ul	99
85) Benzo(a)anthracene	21.73	228	429395	40.446 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	241039	41.025 ng/ul	99
87) Chrysene	21.79	228	411023	40.929 ng/ul	99
89) Di-n-octyl phthalate	22.86	149	407979	39.508 ng/ul	100
90) Benzo(b)fluoranthene	23.98	252	461244	40.754 ng/ul#	98
91) Benzo(k)fluoranthene	24.05	252	450641	40.837 ng/ul	97
93) Benzo(a)pyrene	24.88	252	406256	40.789 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.79	276	530450	41.278 ng/ul	97
95) Dibenzo(a,h)anthracene	28.86	278	436175	40.979 ng/ul	96
96) Benzo(g,h,i)perylene	29.98	276	438624m>	41.284 ng/ul>	

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

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