

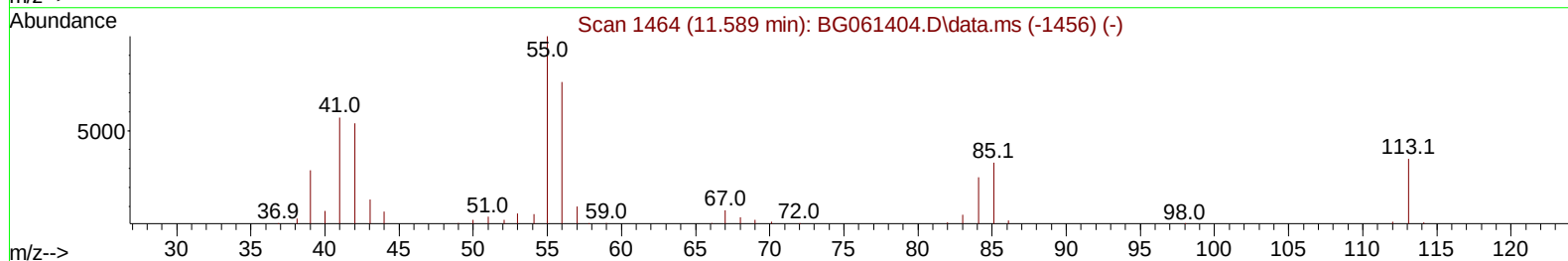
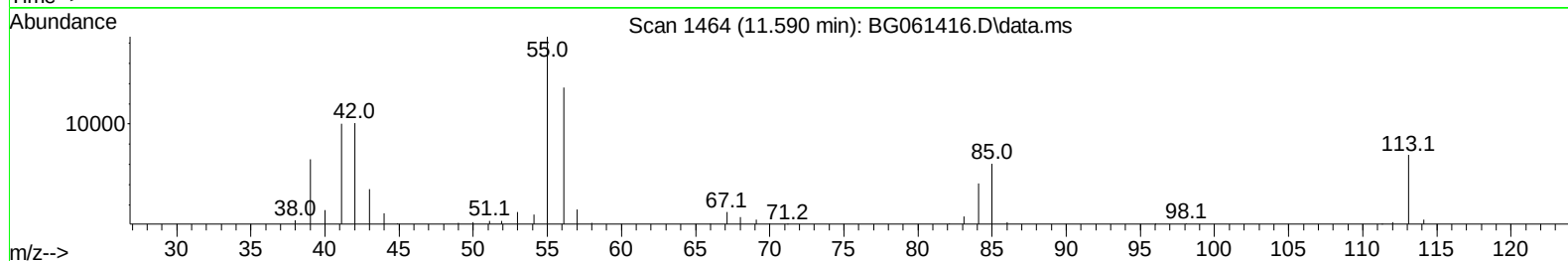
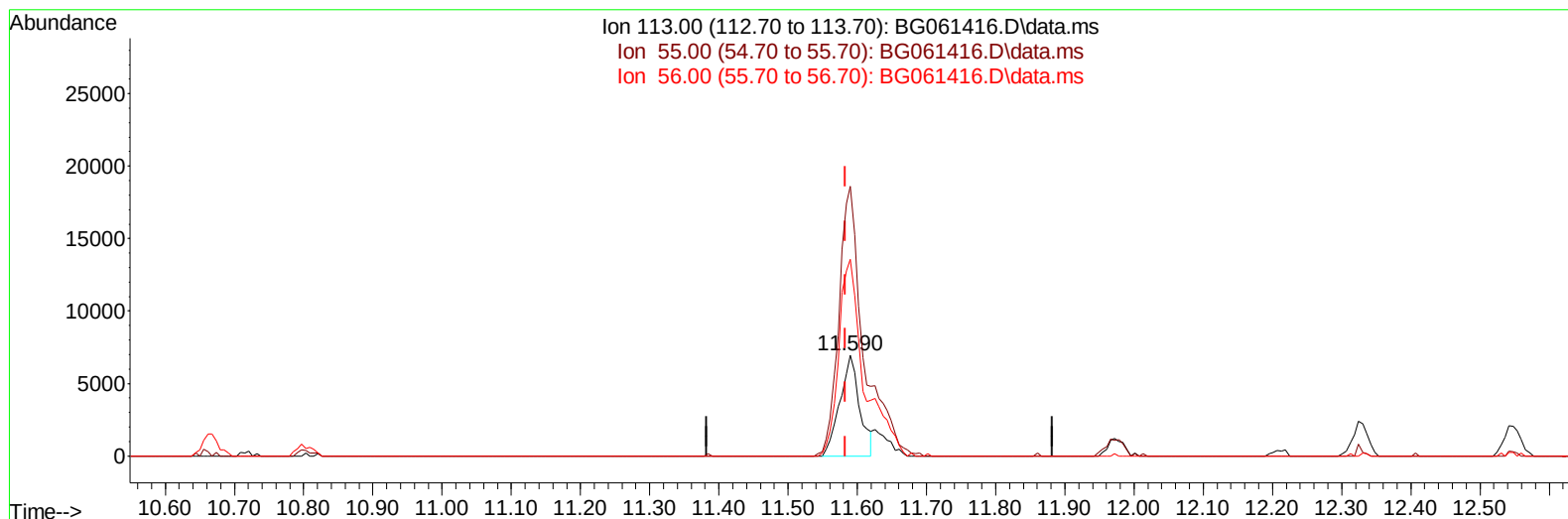
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061416.D
 Acq On : 1 Jun 2024 7:13
 Operator : MA/JU
 Sample : PB161127BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS127

Manual IntegrationsAPPROVED

Quant Time: Jun 02 23:00:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061416.D\data.ms

(34) Caprolactam

11.590min (+ 0.008) 18.83 ng/ul

response 13754

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	248.70	267.24
56.00	188.30	195.06
0.00	0.00	0.00

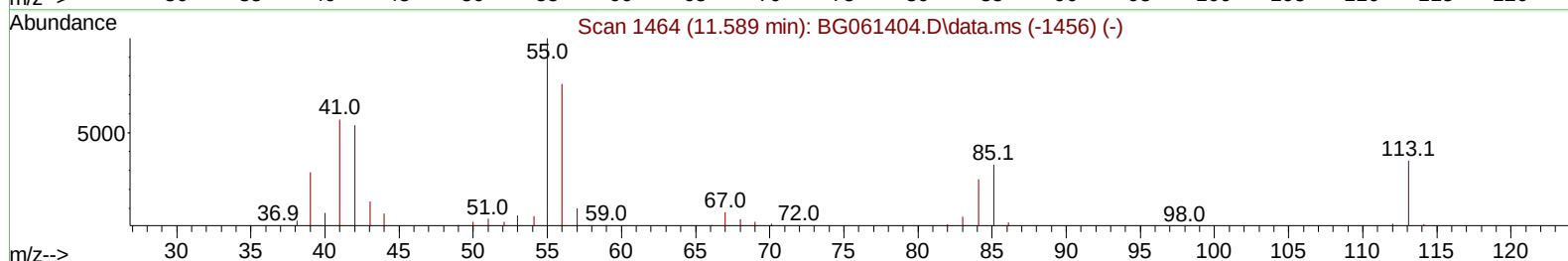
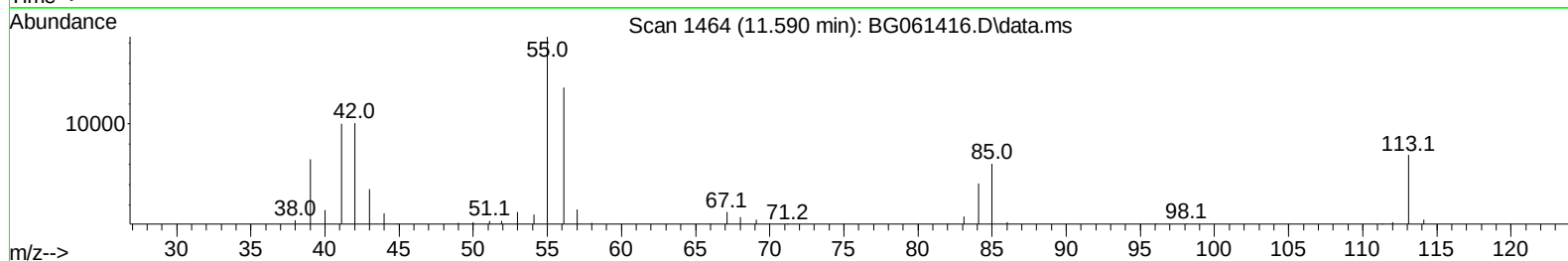
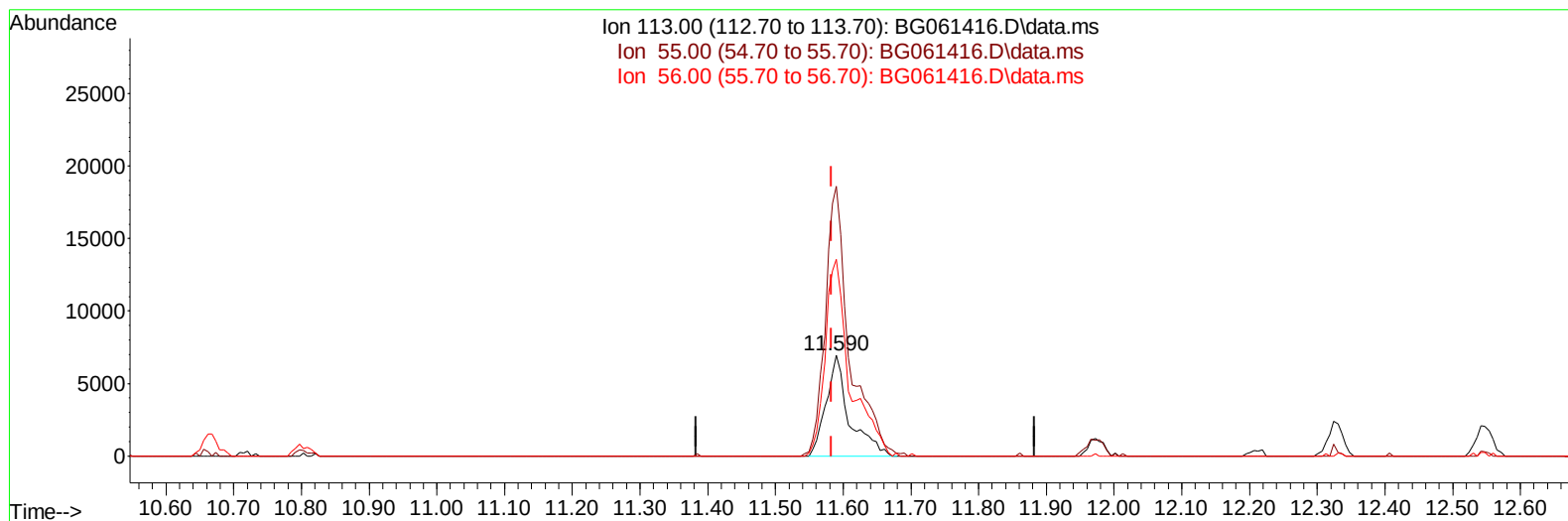
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(34) Caprolactam

11.590min (+ 0.008) 22.65 ng/ul m

response 16544

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	248.70	267.24
56.00	188.30	195.06
0.00	0.00	0.00

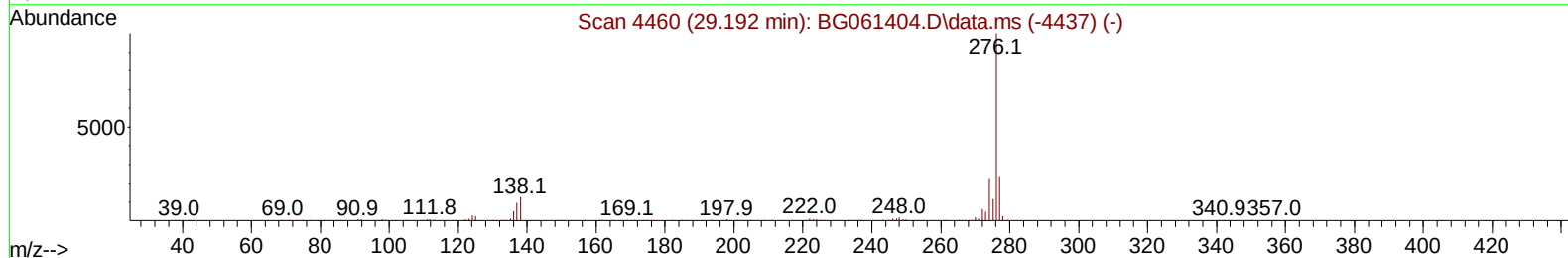
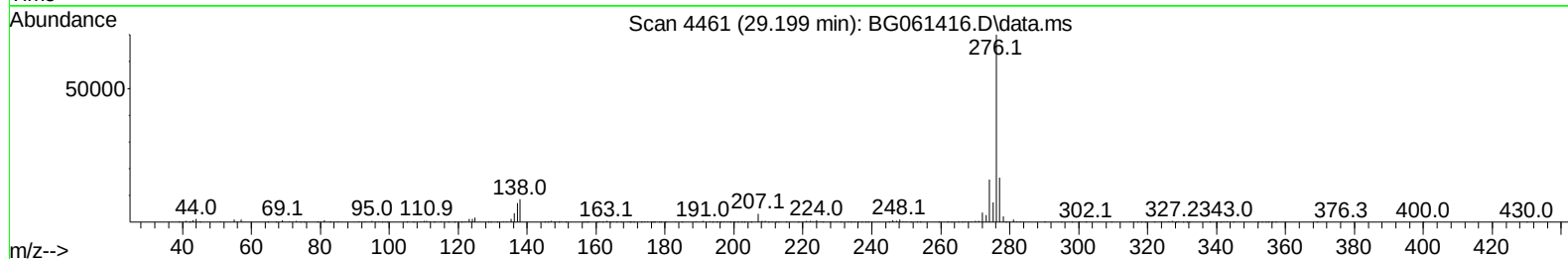
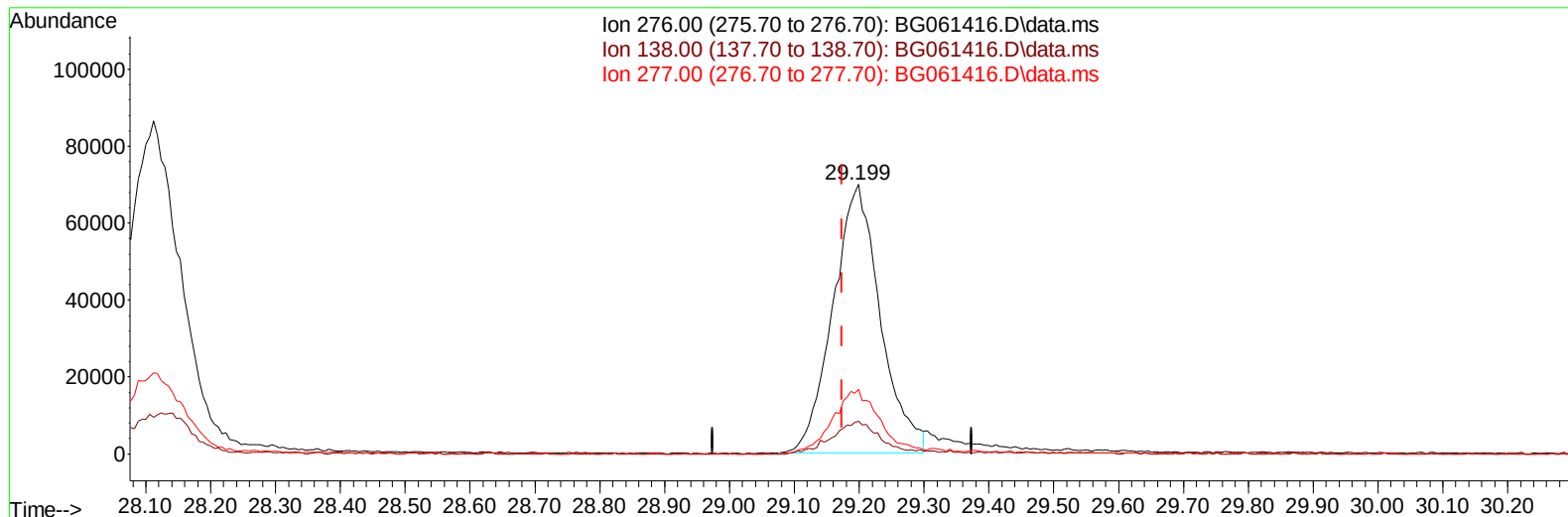
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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TIC: BG061416.D\data.ms

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

29.199min (+ 0.025) 24.16 ng/u1

response 355065

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.24
277.00	22.70	23.93
0.00	0.00	0.00

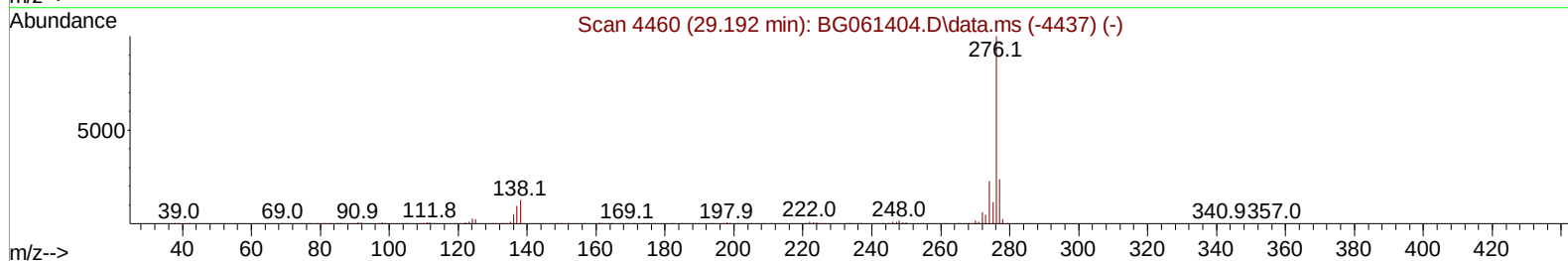
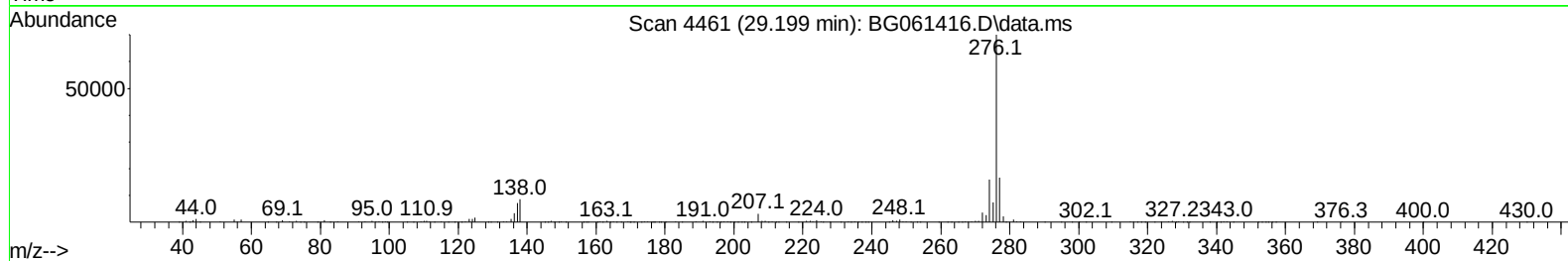
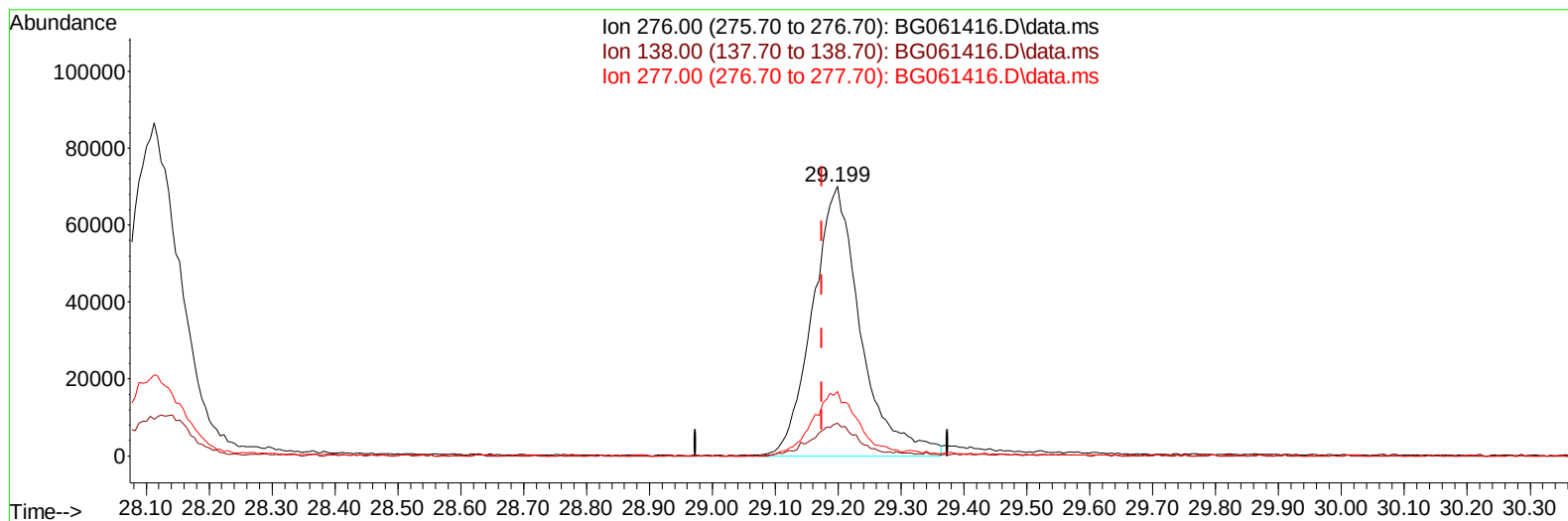
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TIC: BG061416.D\data.ms

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

29.199min (+ 0.025) 25.39 ng/ul m

response 373189

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.24
277.00	22.70	23.93
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: Jun 02 23:08:08 2024
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 QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	30430	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	118023	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	94077	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	219985	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.514	240	234722	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	270248	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	3080	5.664	ng/uL	0.00
4) Pyridine-d5	3.740	84	50964	26.345	ng/ul	0.00
7) Phenol-d5	7.060	99	62961	25.195	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	38633	24.596	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	49735	26.892	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	51221	24.038	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	25288	27.829	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	29427	27.670	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	57961	27.956	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	67062	24.724	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	178926	24.522	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	204464	26.954	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	23102	25.610	ng/ul	0.00
60) Fluorene-d10	15.503	176	165804	26.321	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	32046	24.085	ng/ul	0.00
73) Anthracene-d10	17.360	188	269443	27.782	ng/ul	0.00
81) Pyrene-d10	19.651	212	329741	27.360	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.387	264	361321	27.810	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	6974	10.686	ng/uL	99
5) Pyridine	3.758	79	48311	25.250	ng/ul	95
6) Benzaldehyde	7.013	77	37576	28.757	ng/ul	93
8) Phenol	7.089	94	61955	24.333	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.295	93	44232	23.750	ng/ul	98
12) 2-Chlorophenol	7.442	128	50478	25.827	ng/ul	98
13) 2-Methylphenol	8.329	108	45852	23.237	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.394	45	107350	21.343	ng/ul	97
16) Acetophenone	8.688	105	80284	22.077	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.676	70	40274	20.142	ng/ul	95
18) 4-Methylphenol	8.658	108	49806	22.781	ng/ul	95
19) Hexachloroethane	8.946	117	20863	23.991	ng/ul	87
22) Nitrobenzene	9.070	77	63227	25.369	ng/ul	99
23) Isophorone	9.592	82	112376	22.166	ng/ul	97
25) 2-Nitrophenol	9.786	139	30593	26.503	ng/ul	92
26) 2,4-Dimethylphenol	9.851	107	44286	19.362	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.074	93	61341	24.137	ng/ul	99
29) 2,4-Dichlorophenol	10.327	162	52430	27.456	ng/ul	94
30) Naphthalene	10.715	128	163271	26.209	ng/ul	98
32) 4-Chloroaniline	10.826	127	59128	21.936	ng/ul	99
33) Hexachlorobutadiene	10.997	225	49311	26.419	ng/ul	96
34) Caprolactam	11.590	113	16544m	22.645	ng/ul	
35) 4-Chloro-3-methylphenol	11.972	107	60316	24.434	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.325	142	113749	25.179	ng/ul	99
37) 1-Methylnaphthalene	12.548	142	115027	24.811	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.701	216	86434	27.828	ng/ul	98
40) Hexachlorocyclopentadiene	12.677	237	6373	4.546	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.947	196	50500	28.865	ng/ul	93
42) 2,4,5-Trichlorophenol	13.030	196	55289	30.010	ng/ul	94
43) 1,1'-Biphenyl	13.341	154	161491	26.547	ng/ul	98
44) 2-Chloronaphthalene	13.382	162	130162	27.189	ng/ul	97
45) 2-Nitroaniline	13.588	65	49538	25.072	ng/ul	98
47) Dimethylphthalate	13.964	163	174126	22.897	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	37128	24.896	ng/ul	90
50) Acenaphthylene	14.234	152	210667	25.045	ng/ul	100
51) 3-Nitroaniline	14.416	138	36019	27.830	ng/ul	91
52) Acenaphthene	14.575	153	141598	25.661	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	15778	19.951	ng/ul	92
55) 4-Nitrophenol	14.763	109	25845	24.369	ng/ul	99
56) Dibenzofuran	14.910	168	203437	25.786	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	57126	25.177	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.151	232	45821	27.269	ng/ul#	94
59) Diethylphthalate	15.327	149	172079	22.914	ng/ul	99
61) Fluorene	15.562	166	172699	25.299	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.550	204	98903	24.704	ng/ul	96
63) 4-Nitroaniline	15.585	138	38833	28.808	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.662	198	32835	23.548	ng/ul	91
67) N-Nitrosodiphenylamine	15.768	169	151415	27.385	ng/ul	96
68) 4-Bromophenyl-phenylether	16.449	248	70313	26.976	ng/ul	96
69) Hexachlorobenzene	16.572	284	80635	27.832	ng/ul	94
70) Atrazine	16.719	200	56986	26.043	ng/ul#	96
71) Pentachlorophenol	16.925	266	24653	24.448	ng/ul#	88
72) Phenanthrene	17.301	178	284993	26.692	ng/ul	99
74) Anthracene	17.395	178	284884	25.805	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.306	216	87401	30.057	ng/uL	94
76) Pentachlorobenzene	14.833	250	92533	28.782	ng/uL	95
77) Carbazole	17.665	167	247875	27.605	ng/ul	99
78) Di-n-butylphthalate	18.223	149	298036	26.489	ng/ul	99
80) Fluoranthene	19.316	202	376824	26.064	ng/ul	99
82) Pyrene	19.681	202	395413	26.348	ng/ul	99
83) Butylbenzylphthalate	20.568	149	139281	27.016	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.414	252	141797	28.460	ng/ul	96
85) Benzo(a)anthracene	21.496	228	425840	26.293	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	198673	26.034	ng/ul#	97
87) Chrysene	21.561	228	396442	26.584	ng/ul	98
89) Di-n-octyl phthalate	22.565	149	346545	25.631	ng/ul	100
90) Benzo(b)fluoranthene	23.623	252	415472	25.821	ng/ul	99
91) Benzo(k)fluoranthene	23.688	252	419650	25.691	ng/ul	98
93) Benzo(a)pyrene	24.457	252	358345	23.453	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.112	276	489950	26.517	ng/ul	99
95) Dibenzo(a,h)anthracene	28.159	278	404509	26.551	ng/ul	98
96) Benzo(g,h,i)perylene	29.199	276	373189m	25.389	ng/ul	

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

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BNA_G

ClientSampleId :

SLCS127

Manual IntegrationsAPPROVED

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