Quantitation Report (Qedit)

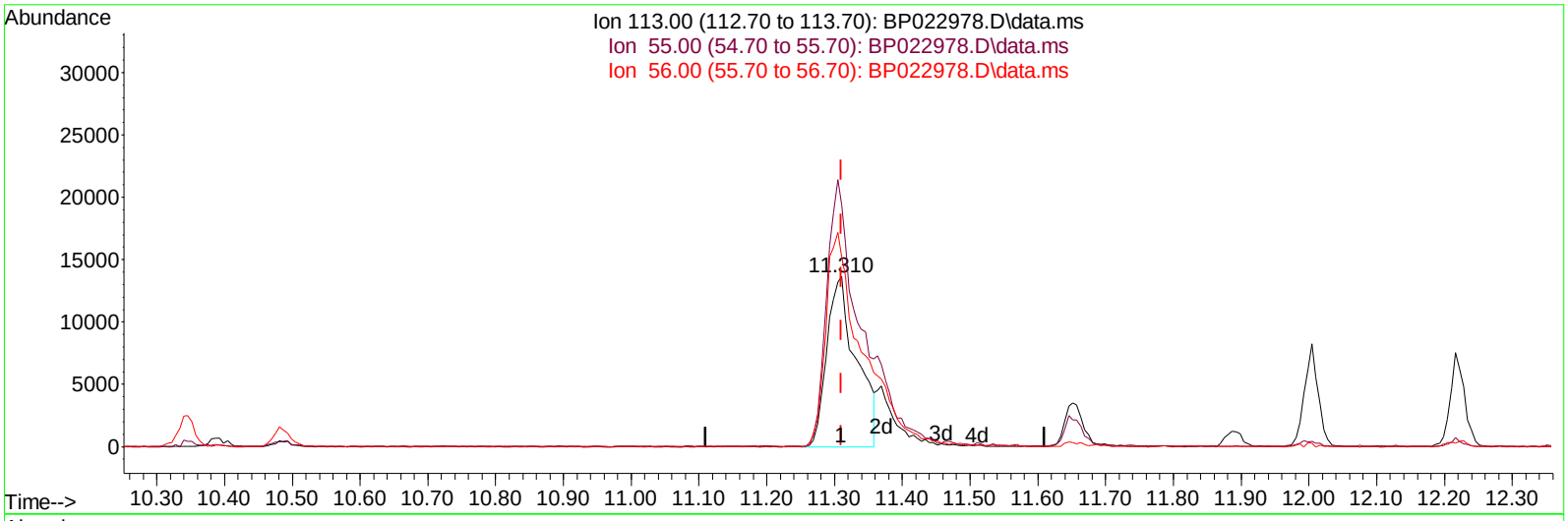
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022978.D
Acq On : 09 Nov 2024 22:39
Operator : RC/JU
Sample : PB164817BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

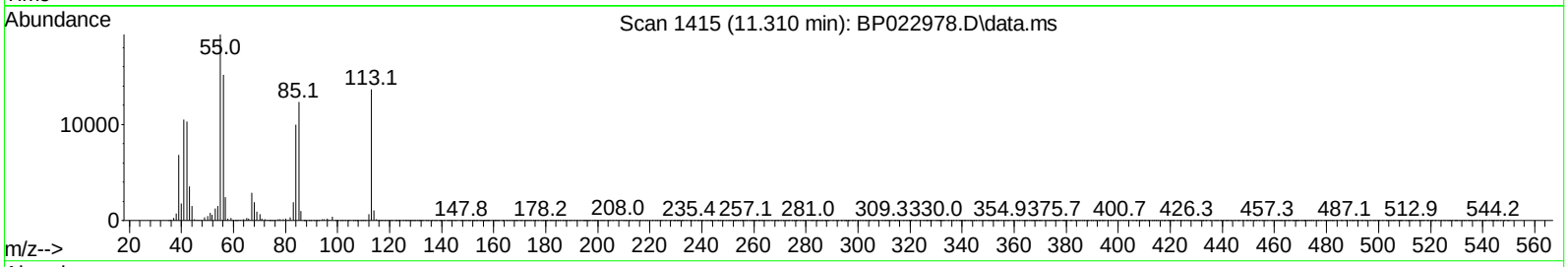
Quant Time: Nov 09 23:38:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
Response via : Initial Calibration

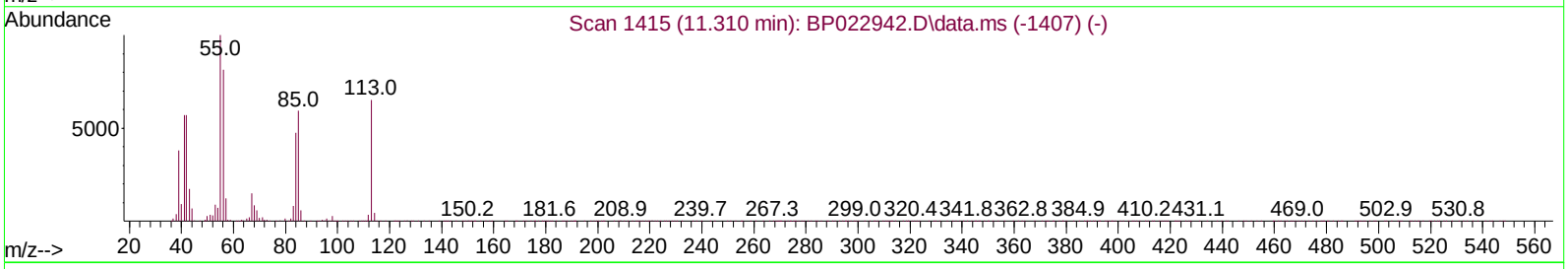
Instrument :
BNA_P
ClientSampleId :
SLCS817

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BP022978.D\data.ms

(34) Caprolactam

11.310min (+ 0.000) 29.06 ng/ul

response 41210

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	142.10
56.00	124.80	111.49
0.00	0.00	0.00

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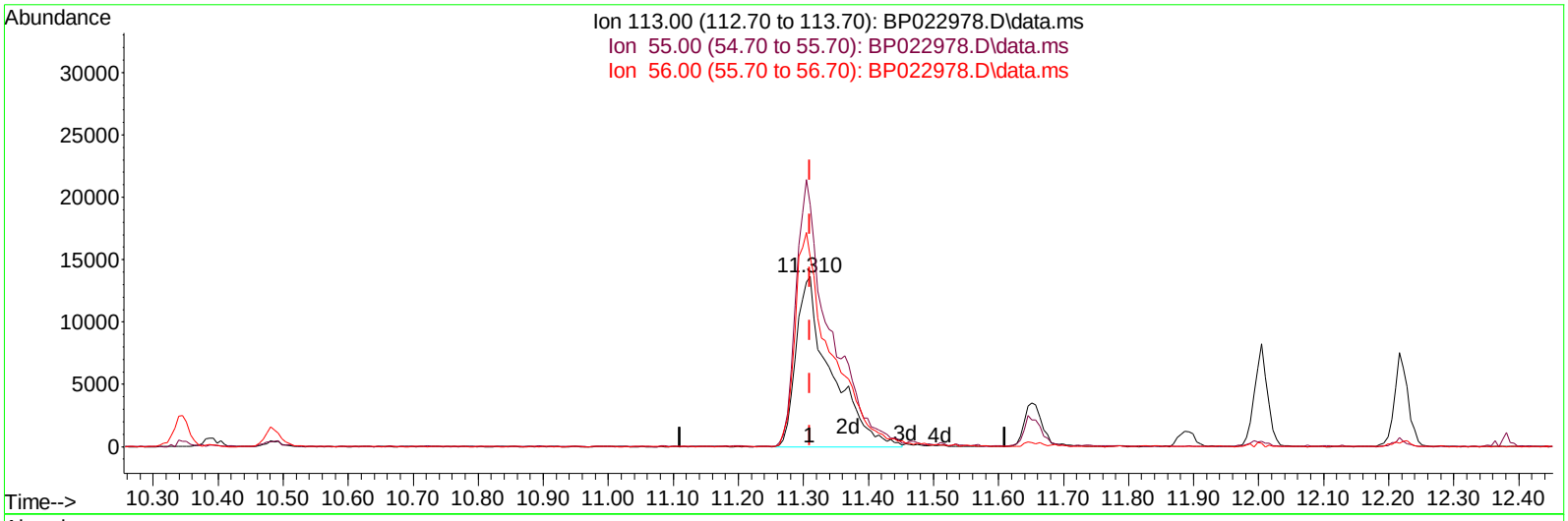

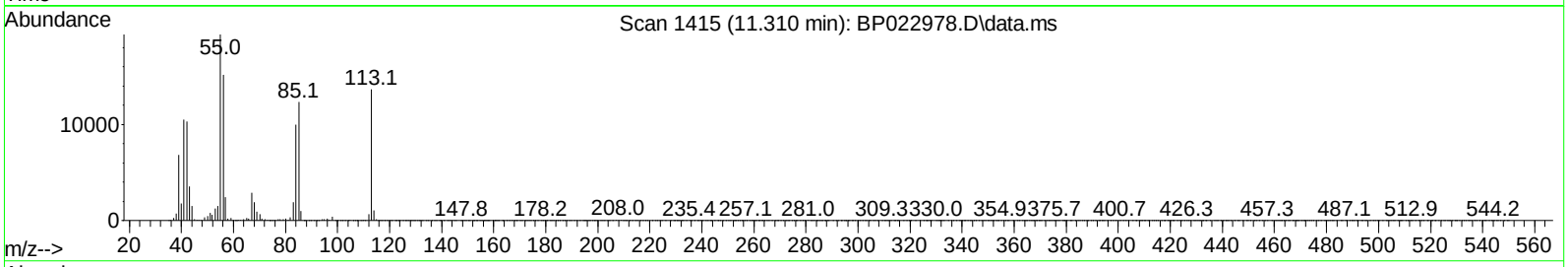

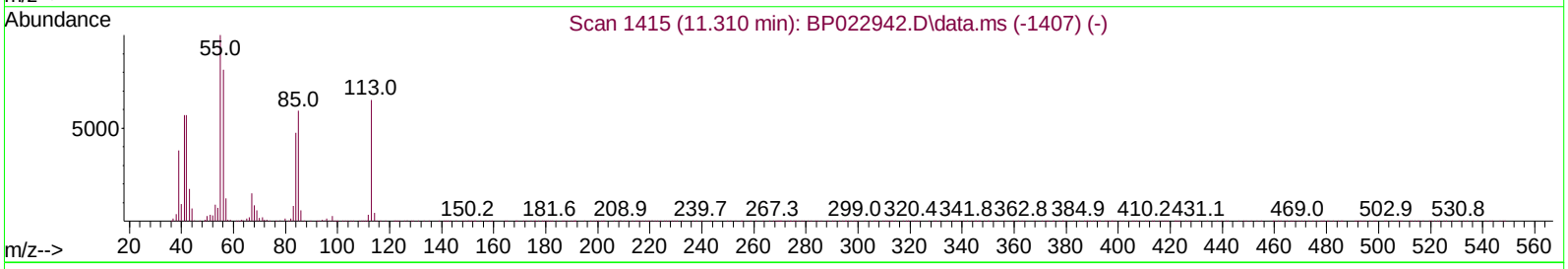

TIC: BP022978.D\data.ms

(34) Caprolactam

11.310min (+ 0.000) 35.79 ng/ul m

response 50747

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	142.10
56.00	124.80	111.49
0.00	0.00	0.00

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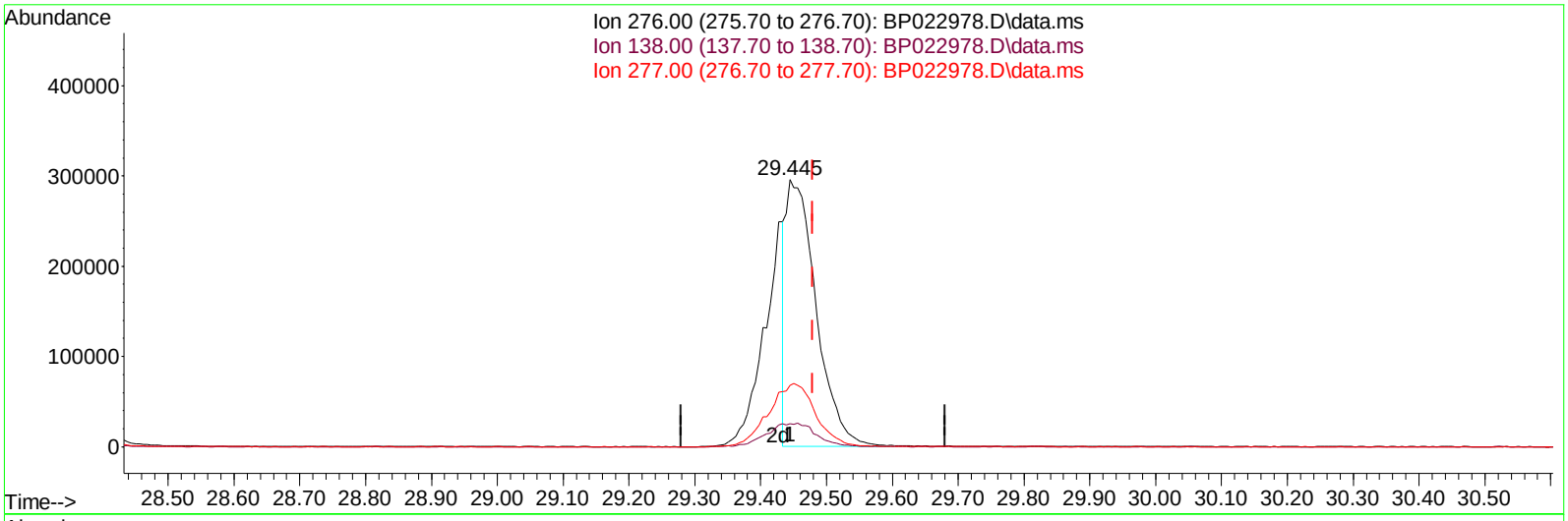

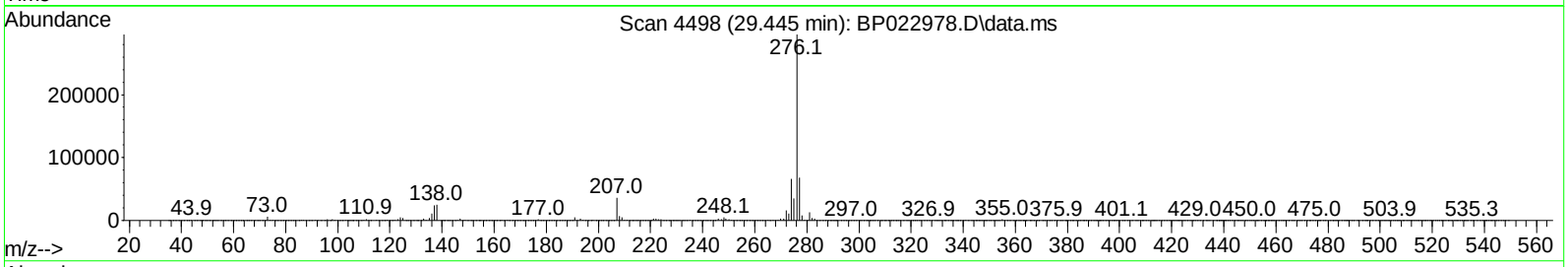

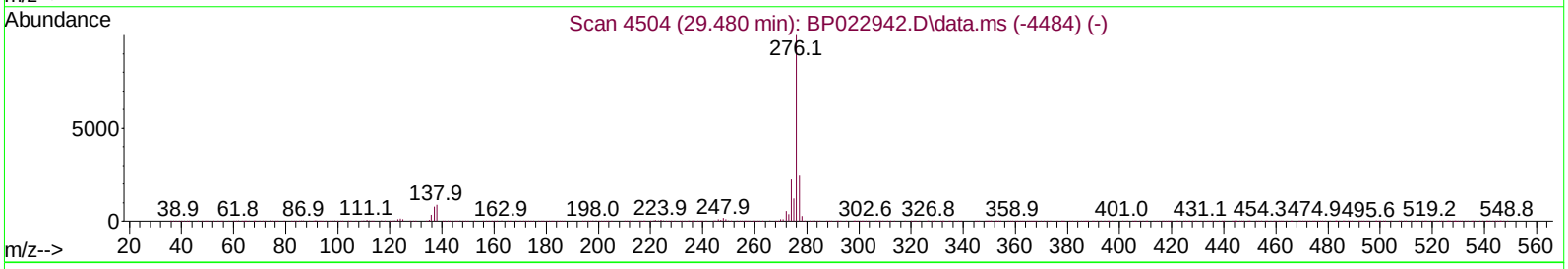

TIC: BP022978.D\data.ms

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

29.445min (-0.035) 21.93 ng/ul

response 940384

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	8.56
277.00	24.30	22.90
0.00	0.00	0.00

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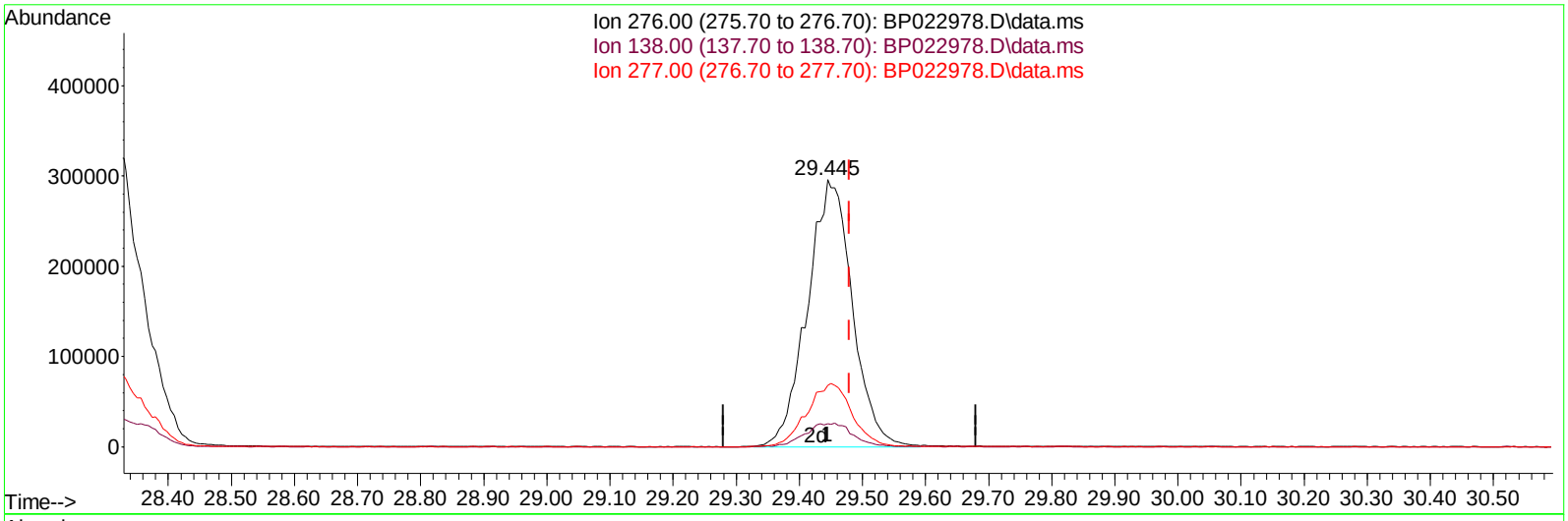

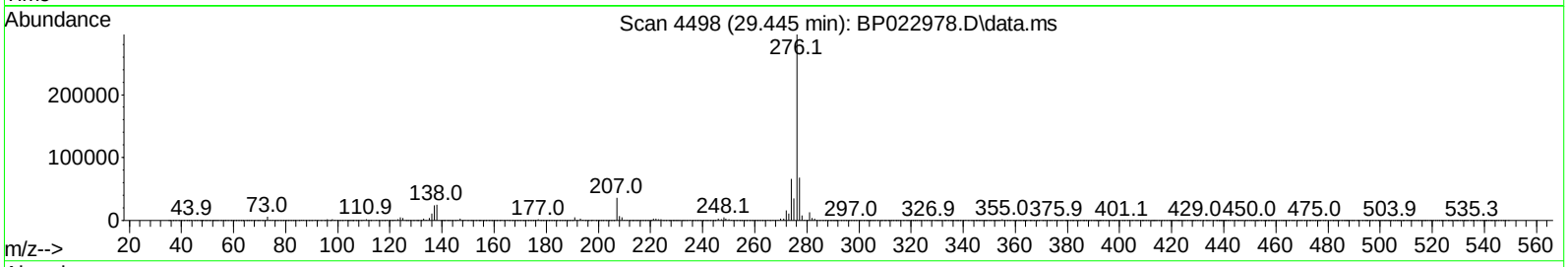

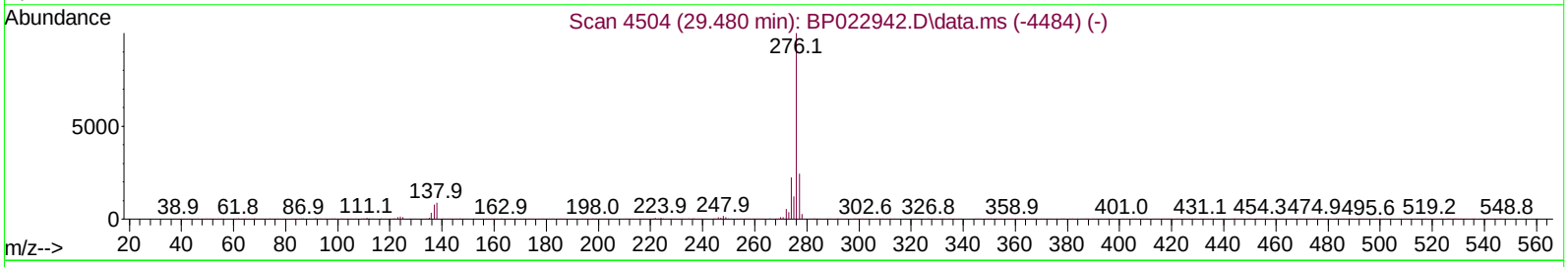

TIC: BP022978.D\data.ms

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

29.445min (-0.035) 34.03 ng/ul m

response 1459264

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	8.56
277.00	24.30	22.90
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	65653	20.000	ng/ul	0.00
20) Naphthalene-d8	10.346	136	276887	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.216	164	242963	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	624274	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.451	240	691303	20.000	ng/ul	0.00
88) Perylene-d12	24.663	264	805307	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	8504	6.226	ng/uL	0.00
4) Pyridine-d5	3.552	84	124916	30.783	ng/ul	0.00
7) Phenol-d5	6.793	99	180734	37.235	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	95633	33.535	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	131942	37.116	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	148958	37.292	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	65618	34.041	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	79367	34.537	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.987	165	178845	37.162	ng/ul	0.00
31) 4-Chloroaniline-d4	10.481	131	176245	30.697	ng/ul	-0.02
46) Dimethylphthalate-d6	13.616	166	599657	34.244	ng/ul	0.00
49) Acenaphthylene-d8	13.904	160	627187	34.326	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	86652	32.928	ng/ul	-0.01
60) Fluorene-d10	15.222	176	518759	33.789	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.369	200	128587	34.384	ng/ul	0.00
73) Anthracene-d10	17.122	188	903950	34.199	ng/ul	0.00
81) Pyrene-d10	19.504	212	1121141	35.210	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.451	264	1361247	35.486	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	18482	11.711	ng/uL	96
5) Pyridine	3.570	79	129921	31.879	ng/ul	99
6) Benzaldehyde	6.758	77	44941	16.089	ng/ul	91
8) Phenol	6.816	94	187462	36.984	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.028	93	132009	34.658	ng/ul	96
12) 2-Chlorophenol	7.169	128	137449	37.241	ng/ul	96
13) 2-Methylphenol	8.046	108	136075	35.965	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.099	45	152478	35.363	ng/ul	94
16) Acetophenone	8.405	105	237551	35.392	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.387	70	126445	37.728	ng/ul	99
18) 4-Methylphenol	8.363	108	155711	37.260	ng/ul	98
19) Hexachloroethane	8.646	117	59155	33.141	ng/ul	100
22) Nitrobenzene	8.775	77	188622	34.102	ng/ul	98
23) Isophorone	9.299	82	349237	35.312	ng/ul	99
25) 2-Nitrophenol	9.475	139	86488	35.657	ng/ul	95
26) 2,4-Dimethylphenol	9.546	107	163866	31.285	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.763	93	193564	35.570	ng/ul	98
29) 2,4-Dichlorophenol	10.010	162	172772	36.244	ng/ul	98
30) Naphthalene	10.393	128	449878	33.444	ng/ul	99
32) 4-Chloroaniline	10.510	127	116827	21.003	ng/ul	98
33) Hexachlorobutadiene	10.663	225	139917	32.439	ng/ul	98
34) Caprolactam	11.310	113	50747m	35.791	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	191956	37.432	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	351835	34.645	ng/ul	99
37) 1-Methylnaphthalene	12.222	142	351866	33.893	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.375	216	270370	32.962	ng/ul	97
40) Hexachlorocyclopentadiene	12.346	237	122575	28.451	ng/ul	99
41) 2,4,6-Trichlorophenol	12.628	196	168749	33.786	ng/ul	96
42) 2,4,5-Trichlorophenol	12.716	196	192614	35.771	ng/ul	99
43) 1,1'-Biphenyl	13.022	154	516891	33.201	ng/ul	99
44) 2-Chloronaphthalene	13.063	162	426921	33.546	ng/ul	98
45) 2-Nitroaniline	13.287	65	132353	37.038	ng/ul#	89
47) Dimethylphthalate	13.657	163	590878	34.215	ng/ul	99
48) 2,6-Dinitrotoluene	13.793	165	122161	36.366	ng/ul	95
50) Acenaphthylene	13.928	152	629502	34.083	ng/ul	99
51) 3-Nitroaniline	14.128	138	101578	35.107	ng/ul	97
52) Acenaphthene	14.275	153	454102	33.866	ng/ul	98
53) 2,4-Dinitrophenol	14.345	184	82646	34.673	ng/ul	99
55) 4-Nitrophenol	14.469	109	106467	34.580	ng/ul	97
56) Dibenzofuran	14.616	168	703818	33.973	ng/ul	99
57) 2,4-Dinitrotoluene	14.610	165	196025	36.613	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.857	232	178346	33.884	ng/ul	98
59) Diethylphthalate	15.045	149	602255	35.262	ng/ul	99
61) Fluorene	15.281	166	579102	34.152	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.275	204	338016	33.855	ng/ul	99
63) 4-Nitroaniline	15.322	138	111795	41.524	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.381	198	138921	34.775	ng/ul	95
67) N-Nitrosodiphenylamine	15.487	169	504970	35.006	ng/ul	99
68) 4-Bromophenyl-phenylether	16.175	248	251128	35.524	ng/ul	97
69) Hexachlorobenzene	16.310	284	303271	34.078	ng/ul	98
70) Atrazine	16.469	200	178603	25.614	ng/ul	98
71) Pentachlorophenol	16.681	266	175372	31.741	ng/ul	99
72) Phenanthrene	17.063	178	1025350	34.787	ng/ul	99
74) Anthracene	17.151	178	1014725	34.241	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.987	216	274355	33.286	ng/uL	99
76) Pentachlorobenzene	14.540	250	308592	32.789	ng/uL	98
77) Carbazole	17.445	167	888039	34.347	ng/ul	99
78) Di-n-butylphthalate	18.028	149	1042463	36.334	ng/ul	100
80) Fluoranthene	19.157	202	1353963	36.909	ng/ul	99
82) Pyrene	19.533	202	1421575	36.073	ng/ul	99
83) Butylbenzylphthalate	20.486	149	497272	38.326	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.357	252	529175	34.102	ng/ul	99
85) Benzo(a)anthracene	21.433	228	1512623	35.834	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	696735	37.788	ng/ul	99
87) Chrysene	21.492	228	1374962	34.617	ng/ul	98
89) Di-n-octyl phthalate	22.586	149	1171816	35.867	ng/ul	100
90) Benzo(b)fluoranthene	23.651	252	1612912	35.984	ng/ul	99
91) Benzo(k)fluoranthene	23.716	252	1561030	35.377	ng/ul#	99
93) Benzo(a)pyrene	24.521	252	1439666	35.530	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.309	276	1906058	33.764	ng/ul	98
95) Dibenzo(a,h)anthracene	28.368	278	1537719	33.548	ng/ul	99
96) Benzo(g,h,i)perylene	29.445	276	1459264m	34.032	ng/ul	

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

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