Quantitation Report (Qedit)

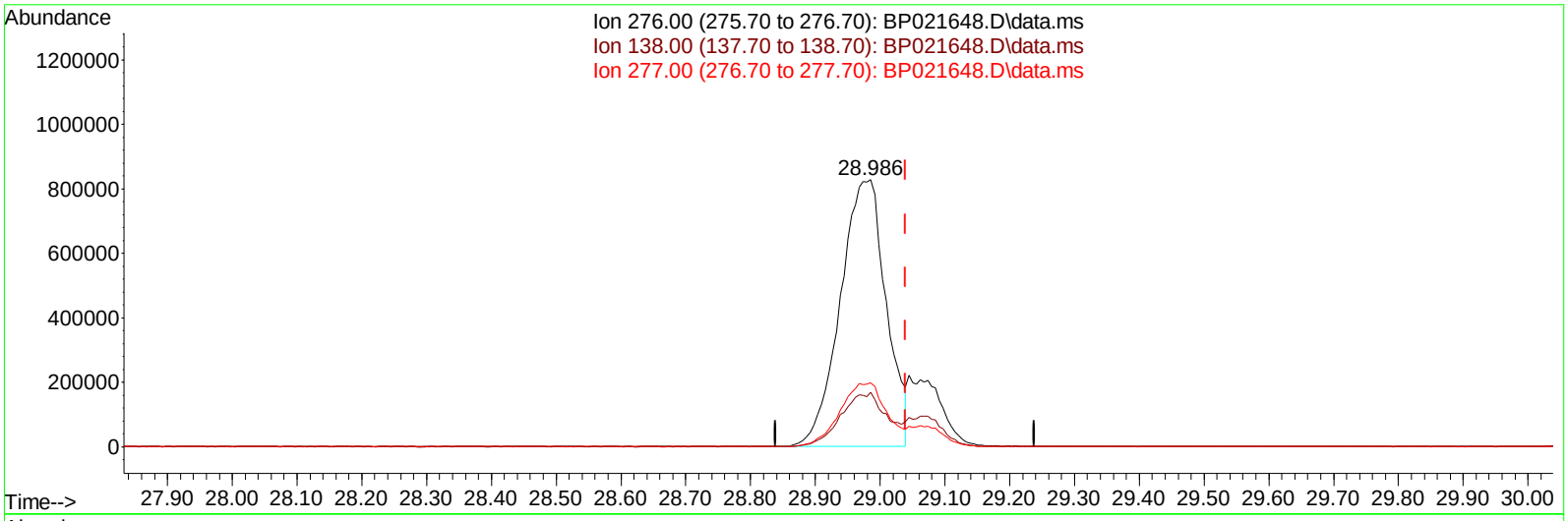
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
Data File : BP021648.D
Acq On : 26 Aug 2024 21:40
Operator : RC/JU
Sample : PB162928BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

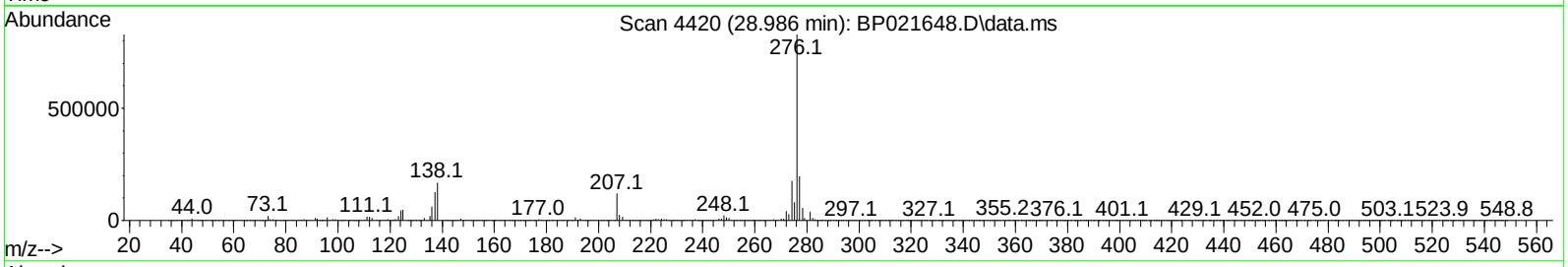
Quant Time: Aug 26 23:22:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 23 17:51:55 2024
Response via : Initial Calibration

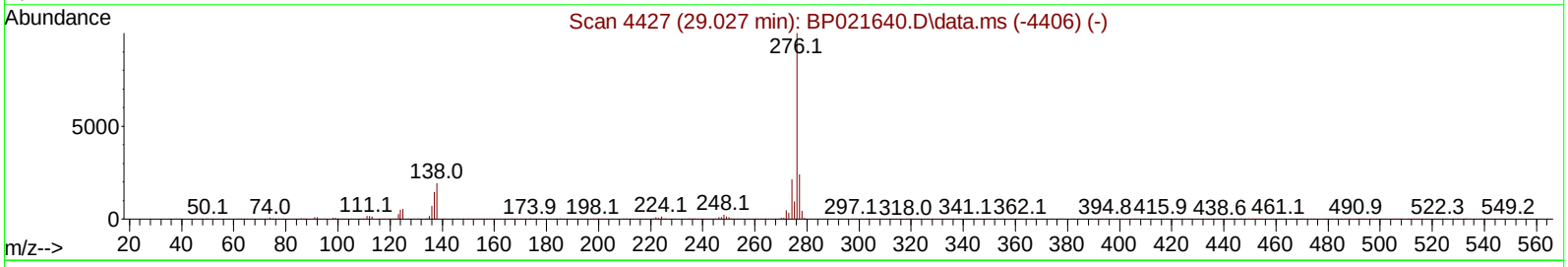
Instrument :
BNA_P
ClientSampleId :
SLCS928

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/29/2024







TIC: BP021648.D\data.ms

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

28.986min (-0.053) 31.06 ng/ul

response 4062295

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	20.44
277.00	23.80	23.86
0.00	0.00	0.00

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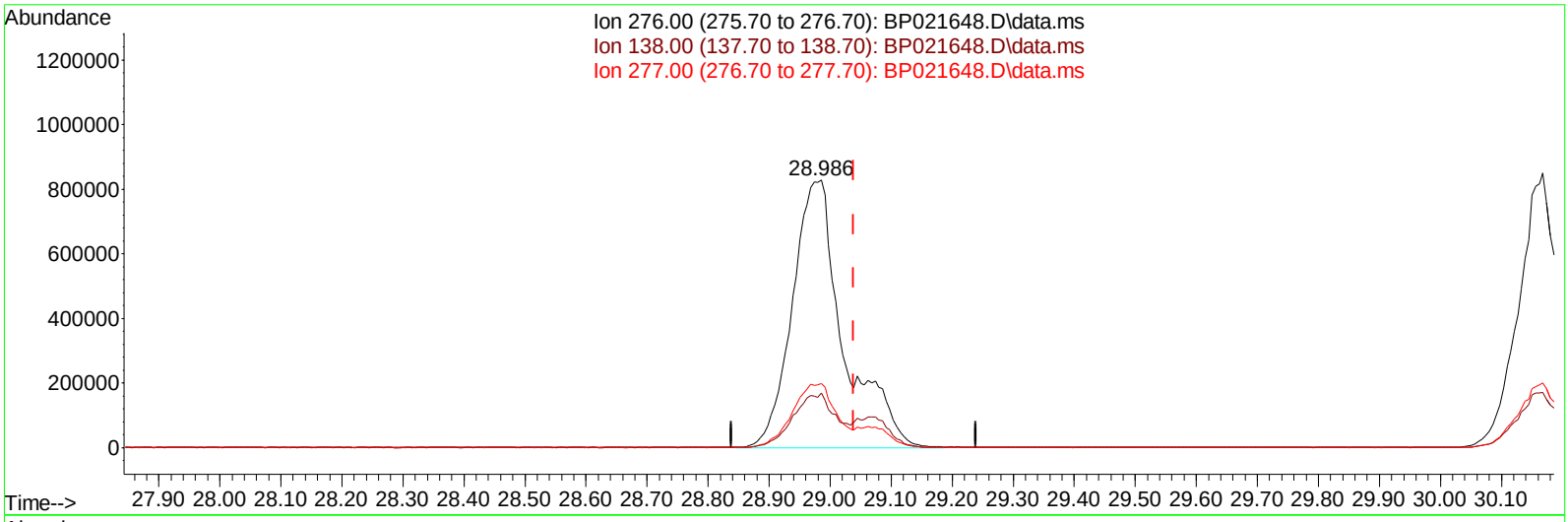

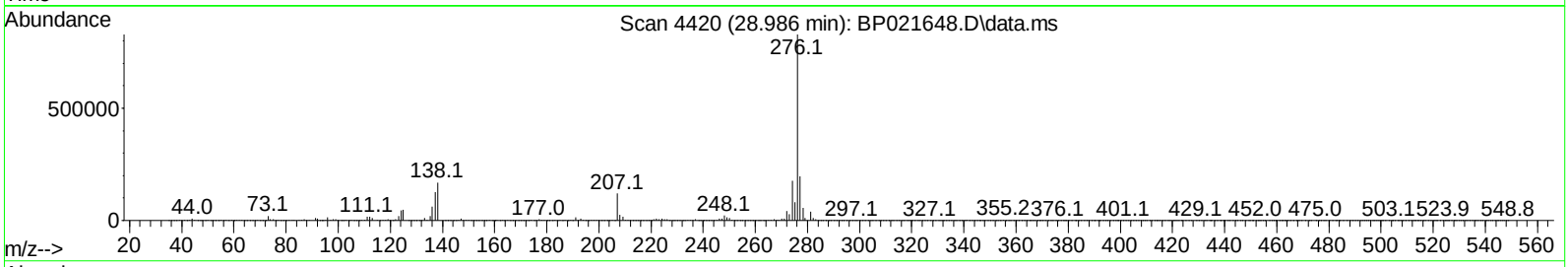

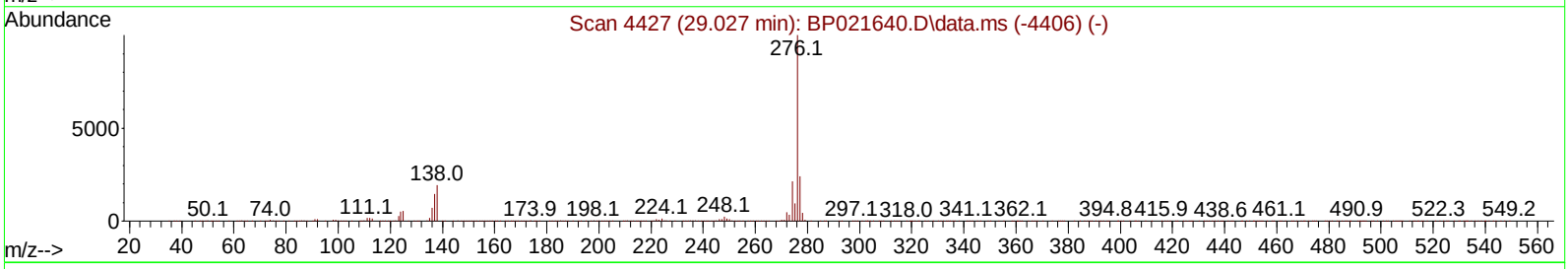

TIC: BP021648.D\data.ms

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

28.986min (-0.053) 36.92 ng/ul m

response 4828645

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	20.44
277.00	23.80	23.86
0.00	0.00	0.00

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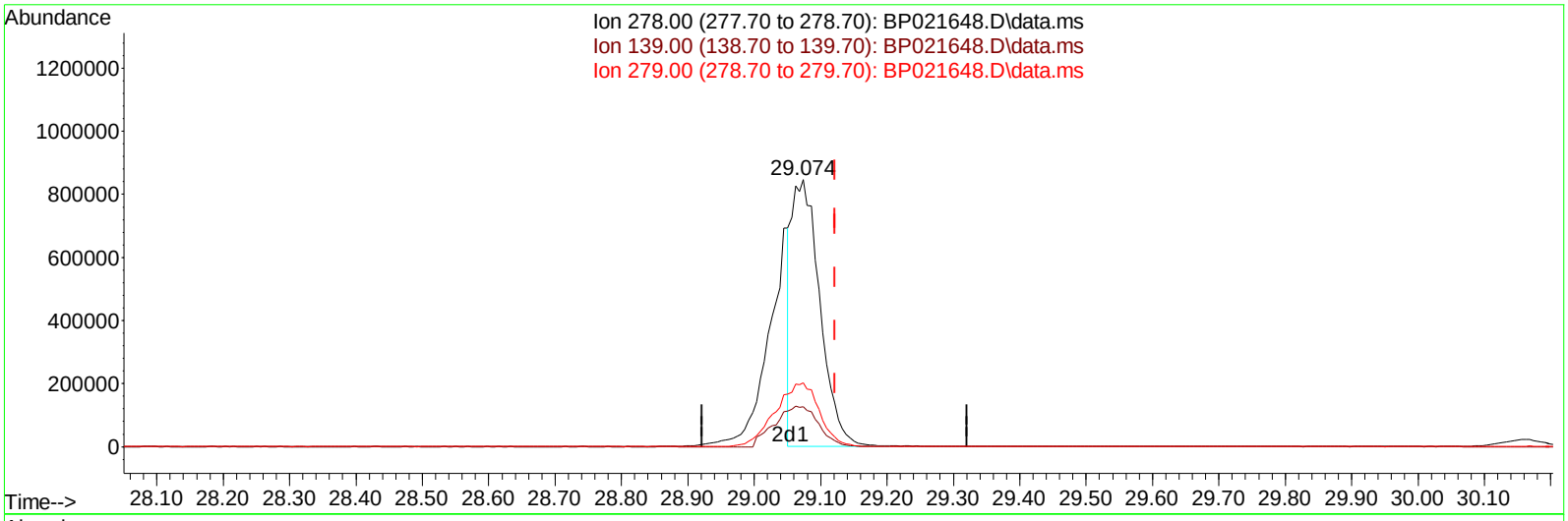

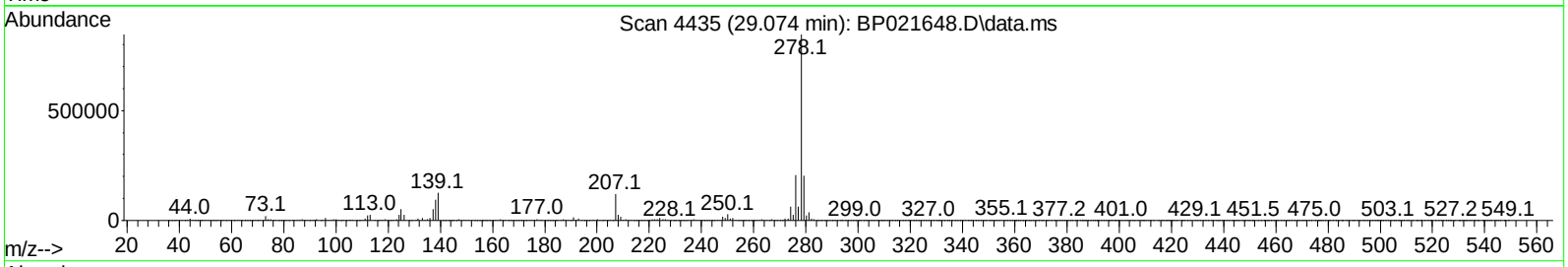

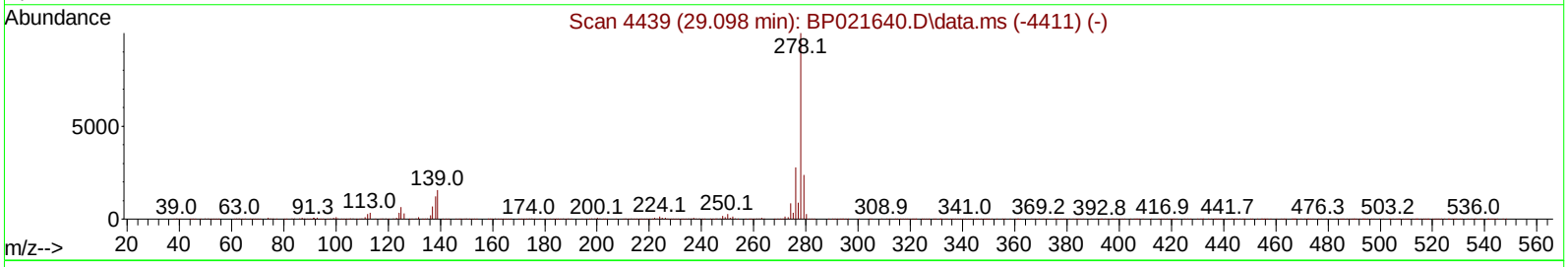

TIC: BP021648.D\data.ms

(95) Dibenzo(a,h)anthracene

29.074min (-0.047) 23.51 ng/ul

response 2471172

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.09
279.00	23.60	23.94
0.00	0.00	0.00

Quantitation Report (Qedit)

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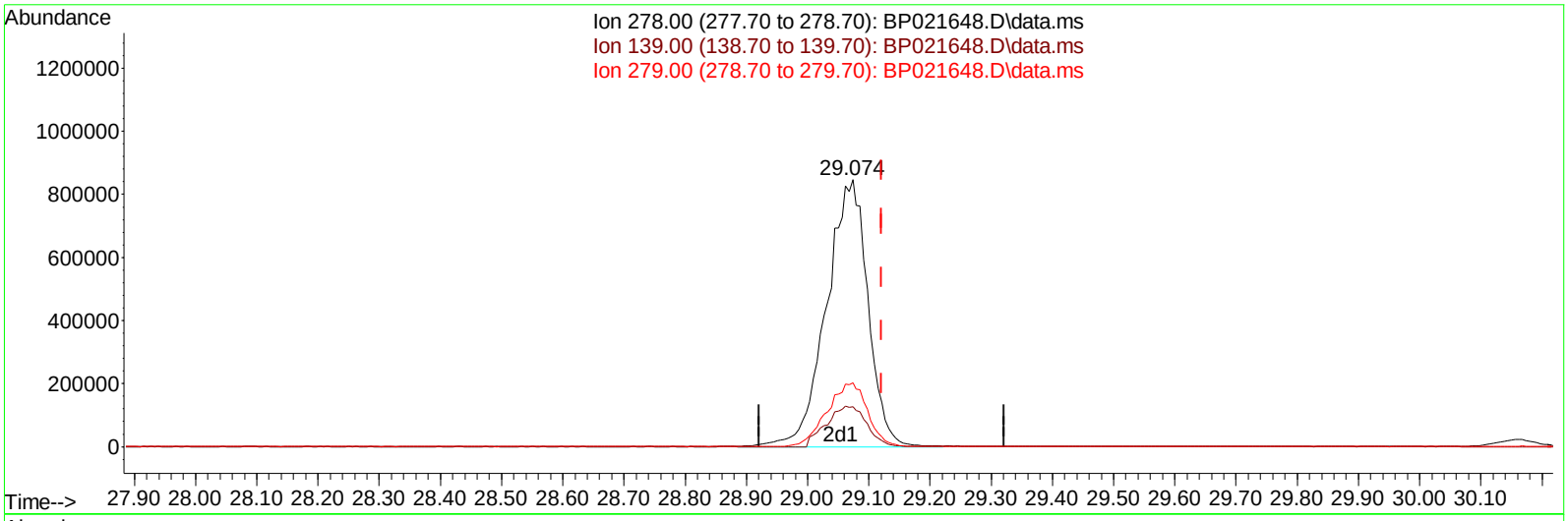

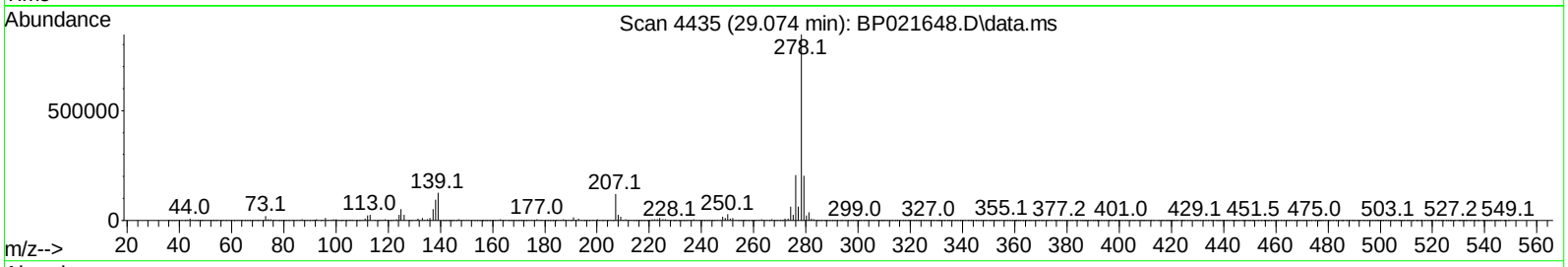

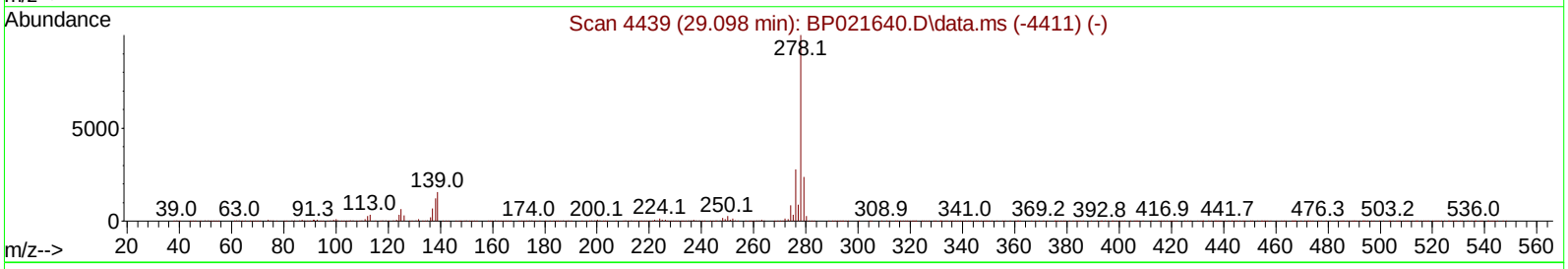

TIC: BP021648.D\data.ms

(95) Dibenzo(a,h)anthracene

29.074min (-0.047) 37.93 ng/ul m

response 3986185

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.09
279.00	23.60	23.94
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	7.799	152	257117	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	1069978	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	675349	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1472524	20.000	ng/ul	0.00
79) Chrysene-d12	21.698	240	1471168	20.000	ng/ul	-0.02
88) Perylene-d12	25.098	264	1759511	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	60900	7.863	ng/uL	0.00
4) Pyridine-d5	3.693	84	743708	33.200	ng/ul	0.00
7) Phenol-d5	6.963	99	980645	35.738	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	525582	35.196	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	648340	36.598	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	734340	34.633	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	317244	36.853	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	335575	38.404	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	623366	36.201	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	758647	30.283	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	1841457	35.635	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	2081931	35.884	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	358276	36.442	ng/ul	0.00
60) Fluorene-d10	15.445	176	1551124	35.703	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	298757	36.888	ng/ul	0.00
73) Anthracene-d10	17.345	188	2415331	34.562	ng/ul	0.00
81) Pyrene-d10	19.716	212	3036786	36.110	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.862	264	3391592	36.149	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	107131	13.016	ng/uL	97
5) Pyridine	3.711	79	747499	33.394	ng/ul	100
6) Benzaldehyde	6.940	77	418678	29.831	ng/ul	99
8) Phenol	6.993	94	1003628	35.078	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	792732	35.645	ng/ul	98
12) 2-Chlorophenol	7.363	128	688264	37.016	ng/ul	99
13) 2-Methylphenol	8.234	108	714423	34.613	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	769467	35.846	ng/ul	98
16) Acetophenone	8.610	105	1182647	34.791	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.599	70	551123	34.356	ng/ul	99
18) 4-Methylphenol	8.557	108	779332	34.488	ng/ul	99
19) Hexachloroethane	8.875	117	311984	37.526	ng/ul	99
22) Nitrobenzene	8.987	77	836331	34.841	ng/ul	97
23) Isophorone	9.516	82	1649333	34.241	ng/ul	100
25) 2-Nitrophenol	9.693	139	361321	37.321	ng/ul	96
26) 2,4-Dimethylphenol	9.757	107	666481	28.049	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	1041792	34.487	ng/ul	97
29) 2,4-Dichlorophenol	10.228	162	616008	35.601	ng/ul	100
30) Naphthalene	10.634	128	2132312	35.359	ng/ul	100
32) 4-Chloroaniline	10.734	127	702915	27.793	ng/ul	98
33) Hexachlorobutadiene	10.928	225	415216	35.764	ng/ul	99
34) Caprolactam	11.510	113	241284	32.976	ng/ul	99
35) 4-Chloro-3-methylphenol	11.869	107	799106	34.893	ng/ul	98

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Quant Title : SVOA CALIBRATION
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ClientSampleId :
SLCS928

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	1400813	34.343	ng/ul	99
37) 1-Methylnaphthalene	12.469	142	1395355	34.011	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	768051	36.083	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	403009	32.996	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	442579	32.294	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	504650	34.102	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	1826657	35.750	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	1427134	35.623	ng/ul	100
45) 2-Nitroaniline	13.504	65	460348	36.680	ng/ul	94
47) Dimethylphthalate	13.887	163	1843388	35.625	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	365610	38.312	ng/ul	95
50) Acenaphthylene	14.157	152	2302988	36.908	ng/ul	99
51) 3-Nitroaniline	14.334	138	385072	36.926	ng/ul	97
52) Acenaphthene	14.504	153	1522679	34.700	ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	195788	34.270	ng/ul	99
55) 4-Nitrophenol	14.645	109	318051	35.331	ng/ul	99
56) Dibenzofuran	14.845	168	2128951	35.069	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	545171	38.017	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.075	232	376395	29.522	ng/ul	99
59) Diethylphthalate	15.275	149	1891173	36.396	ng/ul	100
61) Fluorene	15.504	166	1740217	35.441	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	886783	35.942	ng/ul	97
63) 4-Nitroaniline	15.510	138	418435	41.517	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.575	198	324673	35.838	ng/ul#	99
67) N-Nitrosodiphenylamine	15.716	169	1511736	34.899	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	572325	35.207	ng/ul	100
69) Hexachlorobenzene	16.528	284	682121	35.346	ng/ul	99
70) Atrazine	16.692	200	26823	1.632	ng/ul	95
71) Pentachlorophenol	16.880	266	333835	27.029	ng/ul	99
72) Phenanthrene	17.286	178	2840483	35.136	ng/ul	99
74) Anthracene	17.375	178	2863506	34.963	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	764070	34.901	ng/uL	98
76) Pentachlorobenzene	14.769	250	764986	33.712	ng/uL	99
77) Carbazole	17.657	167	2689015	36.505	ng/ul	100
78) Di-n-butylphthalate	18.245	149	3533906	39.413	ng/ul	100
80) Fluoranthene	19.363	202	3568035	36.357	ng/ul	100
82) Pyrene	19.745	202	3701134	35.609	ng/ul	98
83) Butylbenzylphthalate	20.692	149	1654722	38.884	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.586	252	1338398	36.100	ng/ul	98
85) Benzo(a)anthracene	21.674	228	3825109	36.551	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.621	149	2498912	39.785	ng/ul	100
87) Chrysene	21.745	228	3567660	36.224	ng/ul	100
89) Di-n-octyl phthalate	22.927	149	4350049	39.058	ng/ul	100
90) Benzo(b)fluoranthene	24.027	252	4093577	37.182	ng/ul	98
91) Benzo(k)fluoranthene	24.092	252	3890482	36.096	ng/ul	99
93) Benzo(a)pyrene	24.939	252	3620277	35.693	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.986	276	4828645m	36.922	ng/ul	
95) Dibenzo(a,h)anthracene	29.074	278	3986185m	37.931	ng/ul	
96) Benzo(g,h,i)perylene	30.168	276	3849815	38.099	ng/ul	98

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

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