Quantitation Report (Qedit)

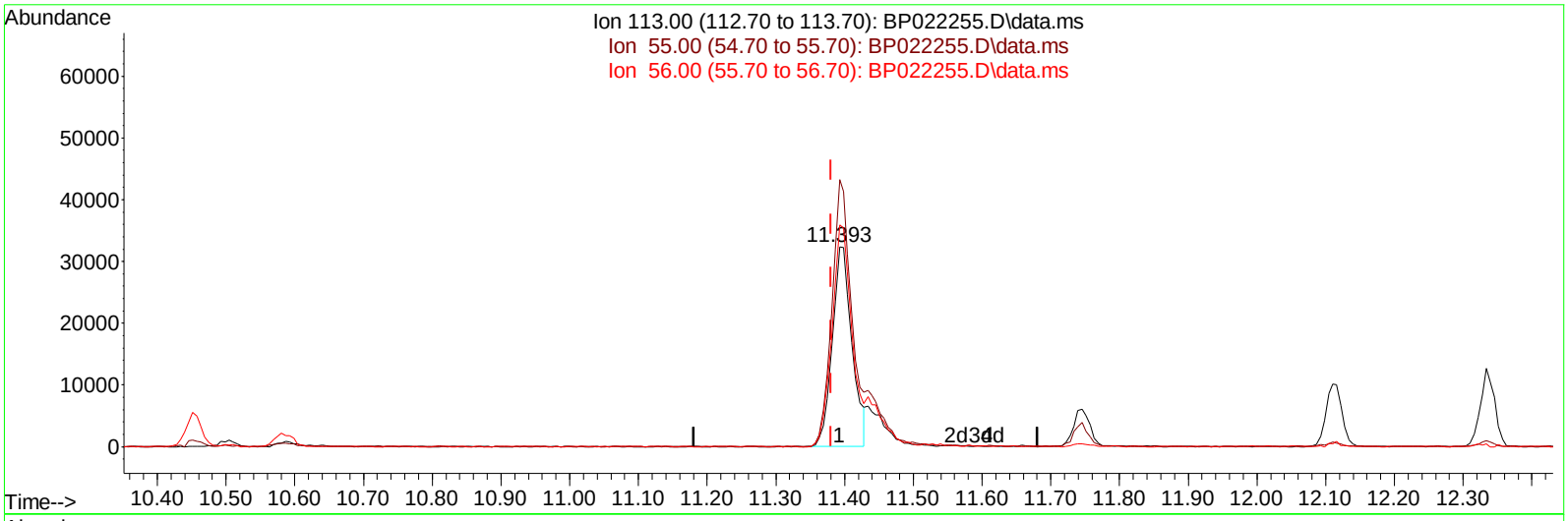
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
Data File : BP022255.D
Acq On : 05 Oct 2024 10:09
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

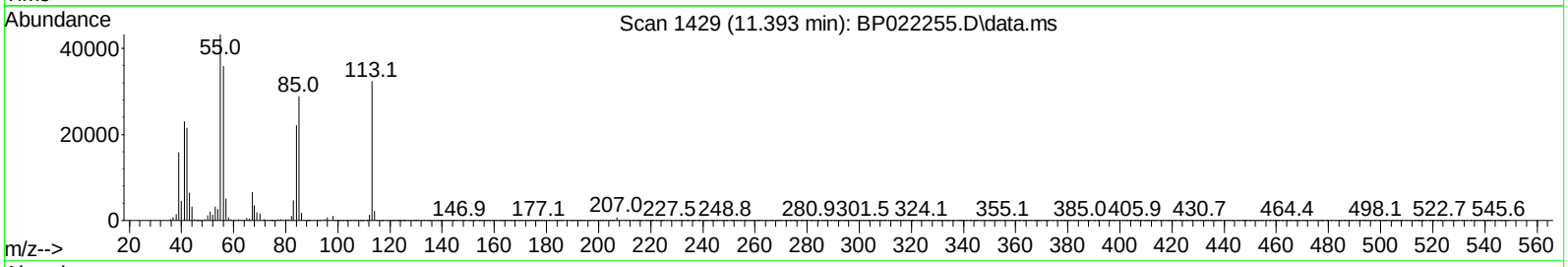
Quant Time: Oct 05 23:58:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 05:25:28 2024
Response via : Initial Calibration

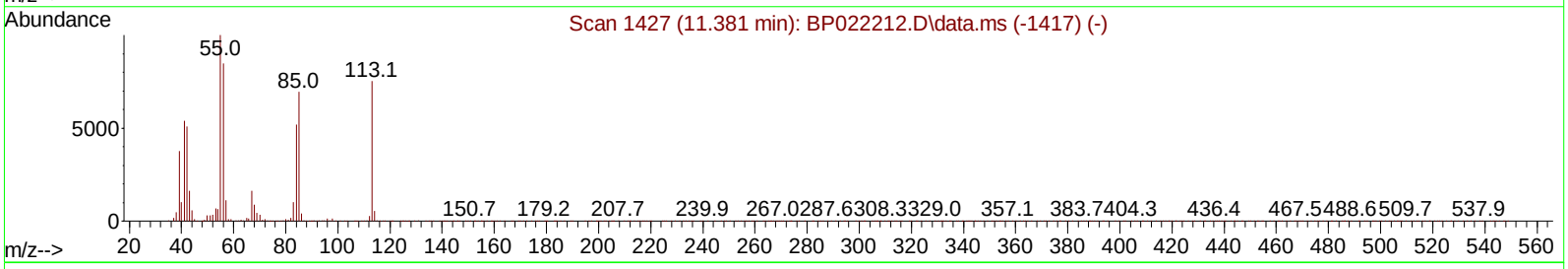
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024







TIC: BP022255.D\data.ms

(34) Caprolactam

11.393min (+ 0.012) 15.27 ng/ul

response 64449

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	136.10	133.54
56.00	127.30	111.10
0.00	0.00	0.00

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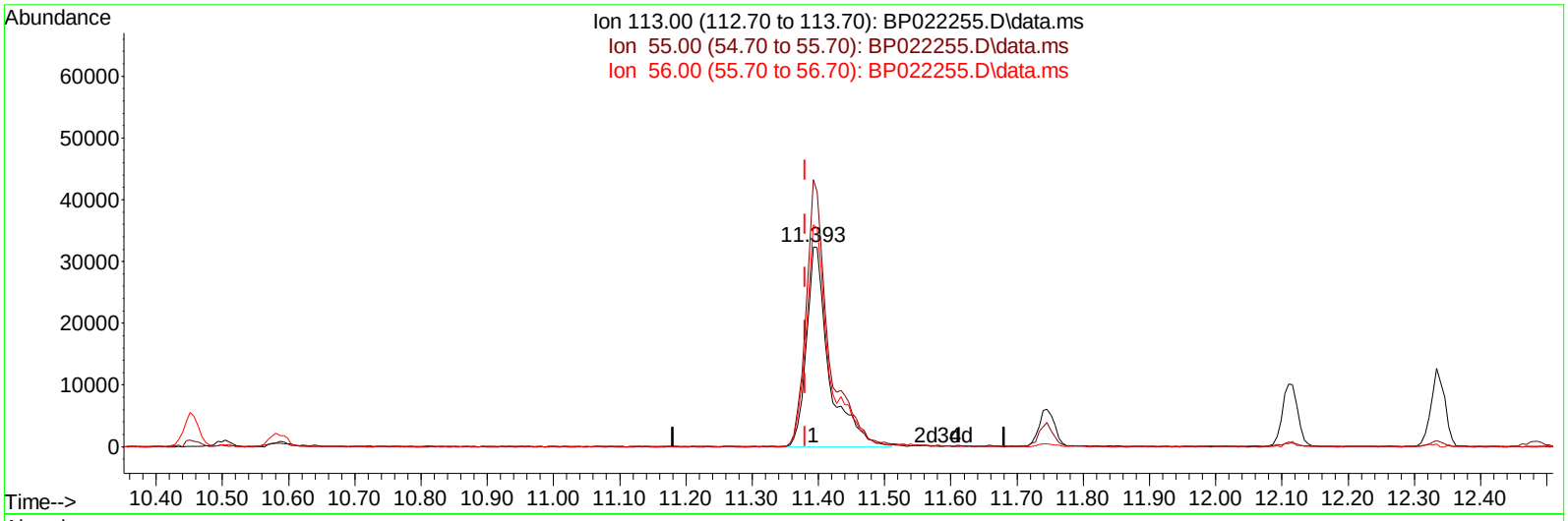

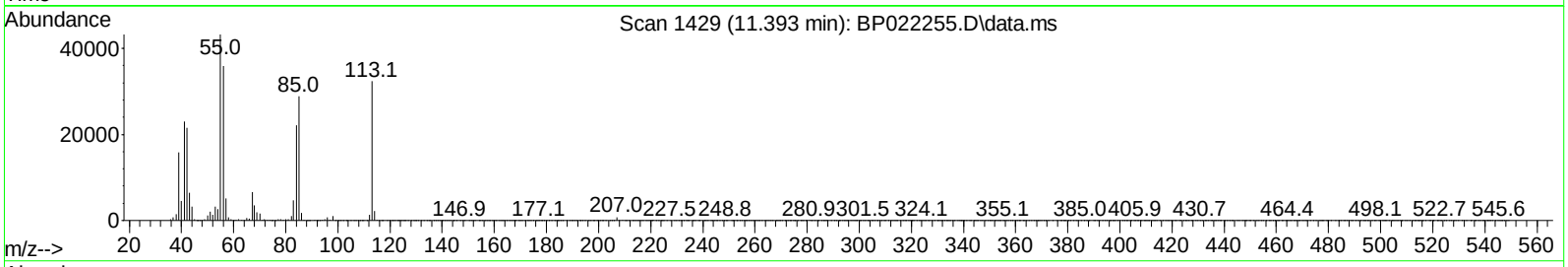

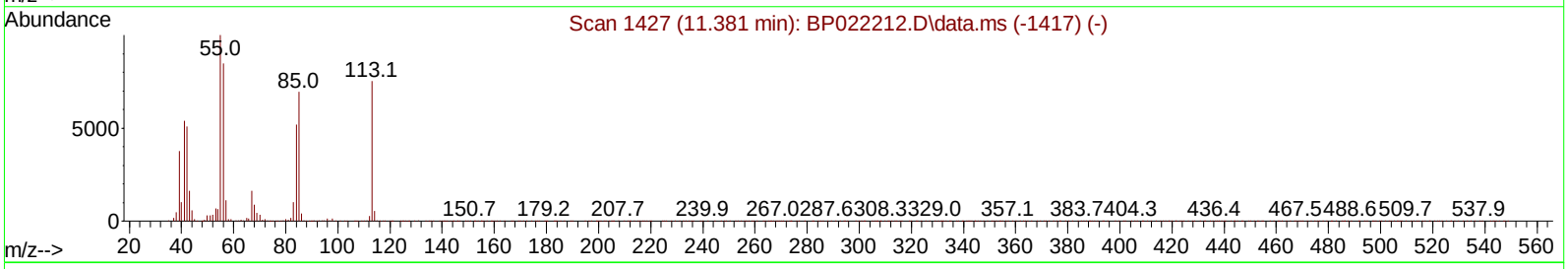

TIC: BP022255.D\data.ms

(34) Caprolactam

11.393min (+ 0.012) 18.25 ng/ul m

response 77048

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	136.10	133.54
56.00	127.30	111.10
0.00	0.00	0.00

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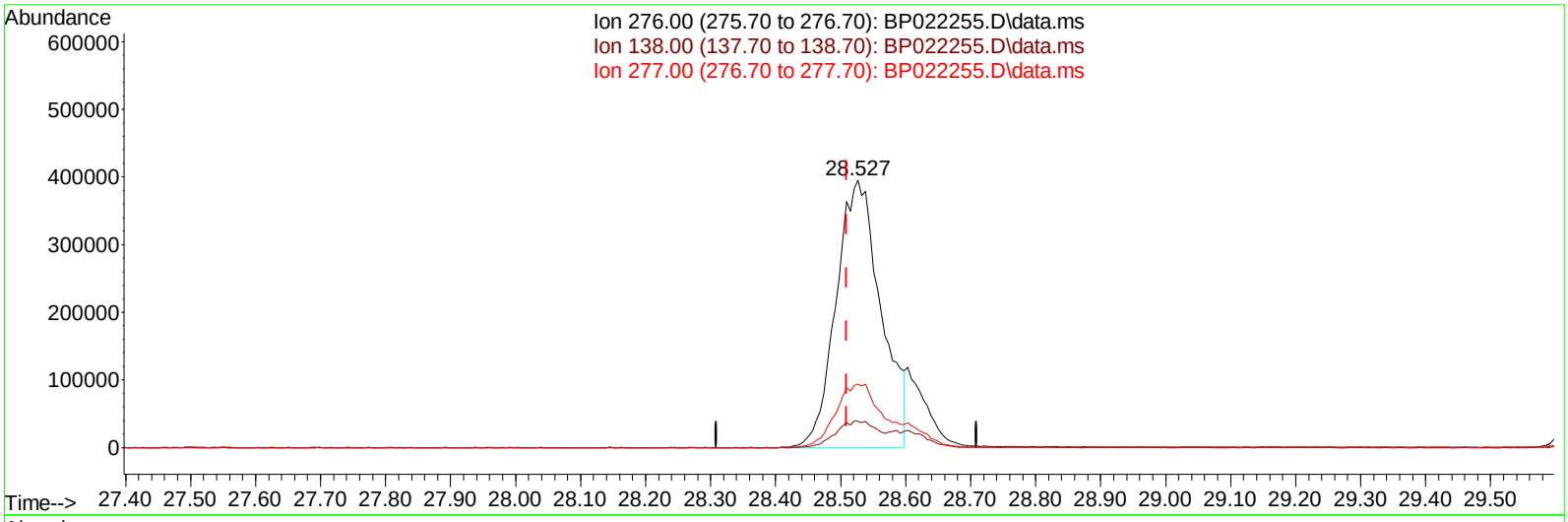

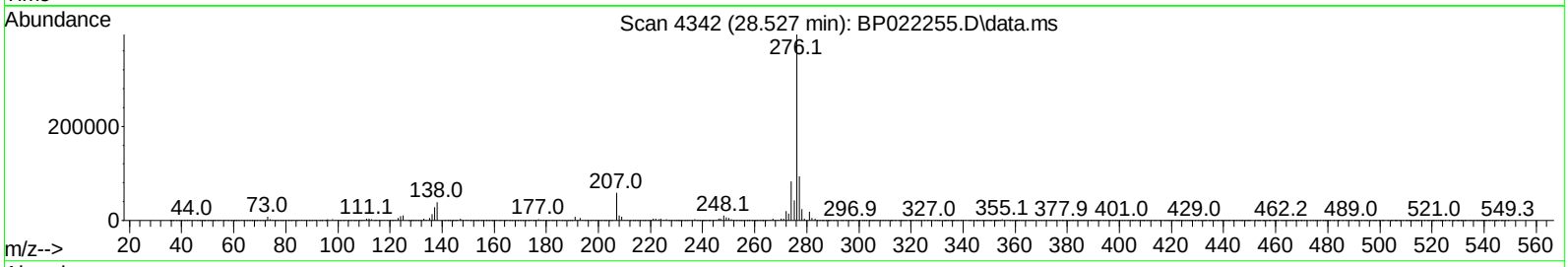

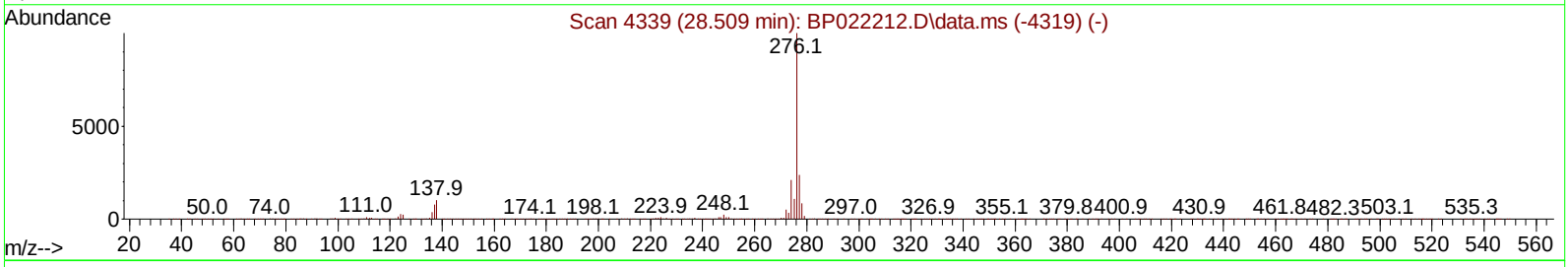

TIC: BP022255.D\data.ms

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

28.527min (+ 0.018) 16.47 ng/ul

response 1893022

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	9.84
277.00	24.20	23.73
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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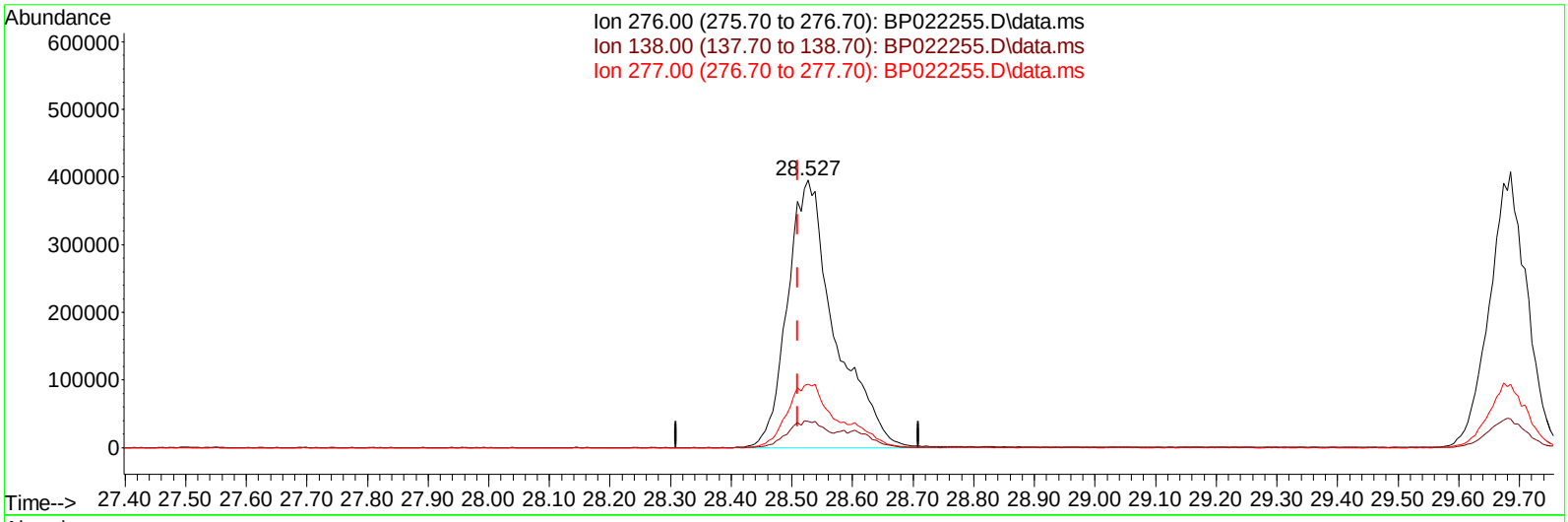

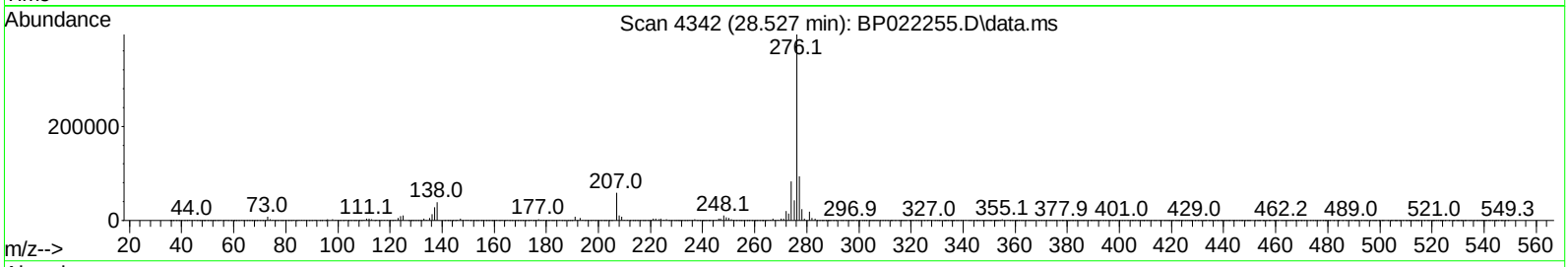

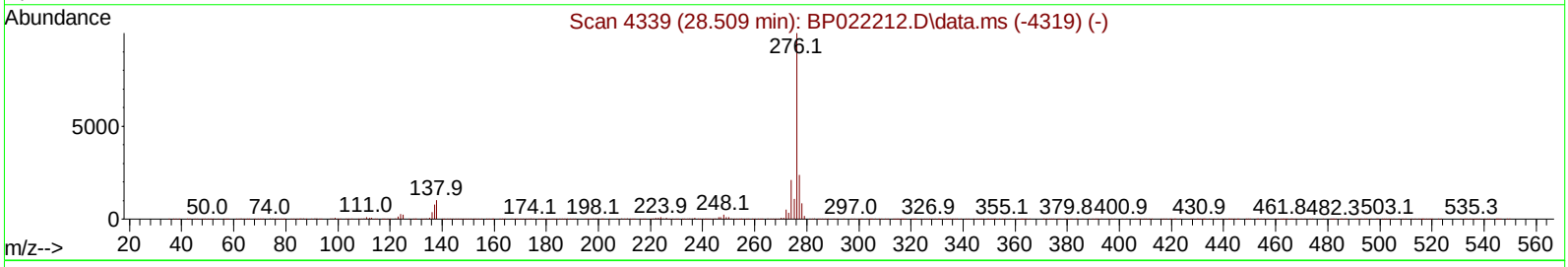

TIC: BP022255.D\data.ms

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

28.527min (+ 0.018) 18.71 ng/ul m

response 2150653

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	9.84
277.00	24.20	23.73
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 05:25:28 2024
Response via : Initial Calibration

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BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	197364	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	760117	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	582736	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.098	188	1343435	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1372787	20.000	ng/ul	0.00
88) Perylene-d12	24.804	264	1541191	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	32742	6.498	ng/uL	0.00
4) Pyridine-d5	3.628	84	242854	16.862	ng/ul	0.00
7) Phenol-d5	6.875	99	301162	18.654	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	176336	17.738	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	238811	20.445	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	249038	19.467	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	115305	20.267	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	140950	21.850	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	288217	20.574	ng/ul	0.00
31) 4-Chloroaniline-d4	10.581	131	319364	19.107	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	869076	19.293	ng/ul	0.01
49) Acenaphthylene-d8	13.998	160	961125	20.152	ng/ul	0.01
54) 4-Nitrophenol-d4	14.528	143	130517	16.939	ng/ul	0.01
60) Fluorene-d10	15.316	176	751807	18.868	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	149326	17.903	ng/ul	0.00
73) Anthracene-d10	17.198	188	1219983	19.452	ng/ul	0.00
81) Pyrene-d10	19.580	212	1449062	20.375	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	1540820	19.008	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	35962	6.589	ng/uL	97
5) Pyridine	3.646	79	245419	16.772	ng/ul	99
6) Benzaldehyde	6.846	77	150037	16.428	ng/ul	95
8) Phenol	6.905	94	304268	18.059	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.122	93	240721	18.667	ng/ul	96
12) 2-Chlorophenol	7.263	128	229792	18.976	ng/ul	99
13) 2-Methylphenol	8.128	108	231221	18.923	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.204	45	219717	18.367	ng/ul	99
16) Acetophenone	8.504	105	394548	18.541	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.487	70	202932	18.395	ng/ul	96
18) 4-Methylphenol	8.452	108	246957	18.533	ng/ul	100
19) Hexachloroethane	8.752	117	109859	19.219	ng/ul	92
22) Nitrobenzene	8.875	77	319332	18.359	ng/ul	97
23) Isophorone	9.393	82	578533	19.202	ng/ul	98
25) 2-Nitrophenol	9.575	139	140974	20.425	ng/ul	97
26) 2,4-Dimethylphenol	9.640	107	298107	19.066	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.869	93	338948	19.517	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	276145	19.841	ng/ul	98
30) Naphthalene	10.504	128	770844	19.273	ng/ul	98
32) 4-Chloroaniline	10.610	127	308717	18.649	ng/ul	100
33) Hexachlorobutadiene	10.787	225	234815	19.003	ng/ul	96
34) Caprolactam	11.393	113	77048m	18.250	ng/ul	
35) 4-Chloro-3-methylphenol	11.745	107	289181	19.206	ng/ul	98

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 05:25:28 2024
Response via : Initial Calibration

Instrument :
BNA_P
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.116	142	573976	19.311	ng/ul	99
37) 1-Methylnaphthalene	12.334	142	596873	19.912	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.481	216	423842	19.618	ng/ul#	97
40) Hexachlorocyclopentadiene	12.463	237	267265	19.666	ng/ul	96
41) 2,4,6-Trichlorophenol	12.728	196	265351	20.545	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	283675	20.282	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	823727	19.767	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	669924	19.967	ng/ul	99
45) 2-Nitroaniline	13.387	65	187164	19.292	ng/ul	90
47) Dimethylphthalate	13.763	163	876288	19.368	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	180658	20.828	ng/ul	97
50) Acenaphthylene	14.028	152	1020799	20.525	ng/ul	99
51) 3-Nitroaniline	14.216	138	140229	17.758	ng/ul	90
52) Acenaphthene	14.375	153	681479	18.858	ng/ul	97
53) 2,4-Dinitrophenol	14.434	184	99754	16.903	ng/ul	97
55) 4-Nitrophenol	14.545	109	141109	16.187	ng/ul	95
56) Dibenzofuran	14.710	168	1007059	18.744	ng/ul	97
57) 2,4-Dinitrotoluene	14.686	165	262750	19.657	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.939	232	268193	19.921	ng/ul	99
59) Diethylphthalate	15.145	149	849389	18.969	ng/ul	98
61) Fluorene	15.375	166	825023	18.465	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.363	204	482636	18.762	ng/ul	98
63) 4-Nitroaniline	15.386	138	143224	17.820	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.457	198	157511	17.346	ng/ul	95
67) N-Nitrosodiphenylamine	15.581	169	698094	19.729	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	340183	21.086	ng/ul	95
69) Hexachlorobenzene	16.392	284	417002	21.287	ng/ul	96
70) Atrazine	16.557	200	276909	17.543	ng/ul	99
71) Pentachlorophenol	16.745	266	293715	22.473	ng/ul	98
72) Phenanthrene	17.145	178	1369998	19.450	ng/ul	99
74) Anthracene	17.233	178	1391001	19.405	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	414340	20.553	ng/uL	98
76) Pentachlorobenzene	14.634	250	457565	20.639	ng/uL	98
77) Carbazole	17.528	167	1169620	18.514	ng/ul	98
78) Di-n-butylphthalate	18.110	149	1422520	19.530	ng/ul	99
80) Fluoranthene	19.233	202	1740548	21.412	ng/ul	99
82) Pyrene	19.610	202	1770087	20.230	ng/ul	97
83) Butylbenzylphthalate	20.557	149	653303	21.424	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.433	252	544639	17.328	ng/ul	99
85) Benzo(a)anthracene	21.510	228	1823380	19.273	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	955592	21.358	ng/ul	99
87) Chrysene	21.574	228	1676871	18.886	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	1584426	20.811	ng/ul	100
90) Benzo(b)fluoranthene	23.768	252	1885961	19.713	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	1824416	19.133	ng/ul	99
93) Benzo(a)pyrene	24.662	252	1689943	19.170	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.527	276	2150653m	18.710	ng/ul	
95) Dibenzo(a,h)anthracene	28.603	278	1753280	18.935	ng/ul#	98
96) Benzo(g,h,i)perylene	29.686	276	1738343	19.490	ng/ul	98

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

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