

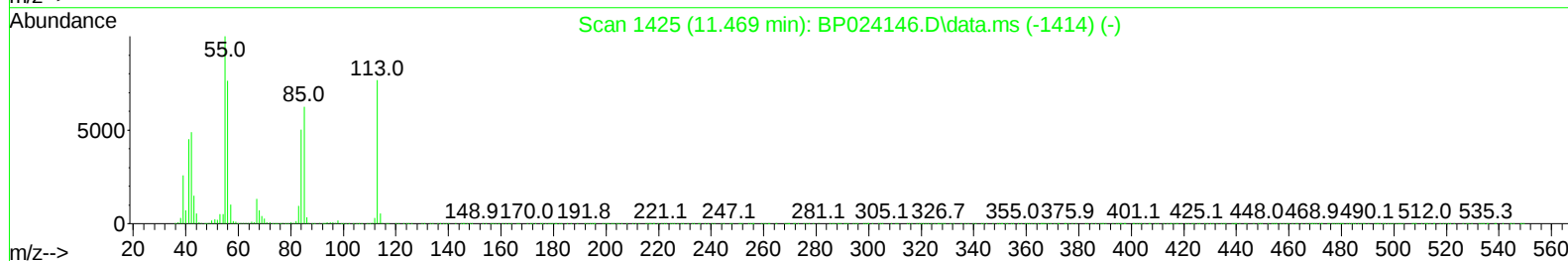
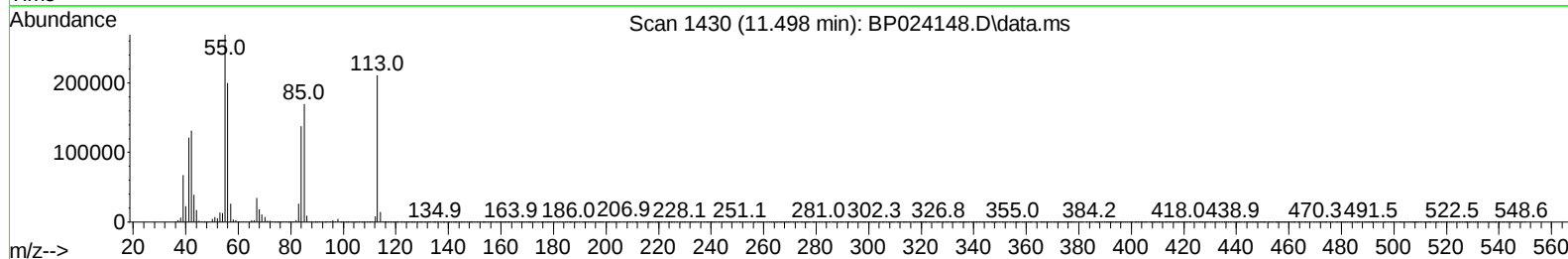
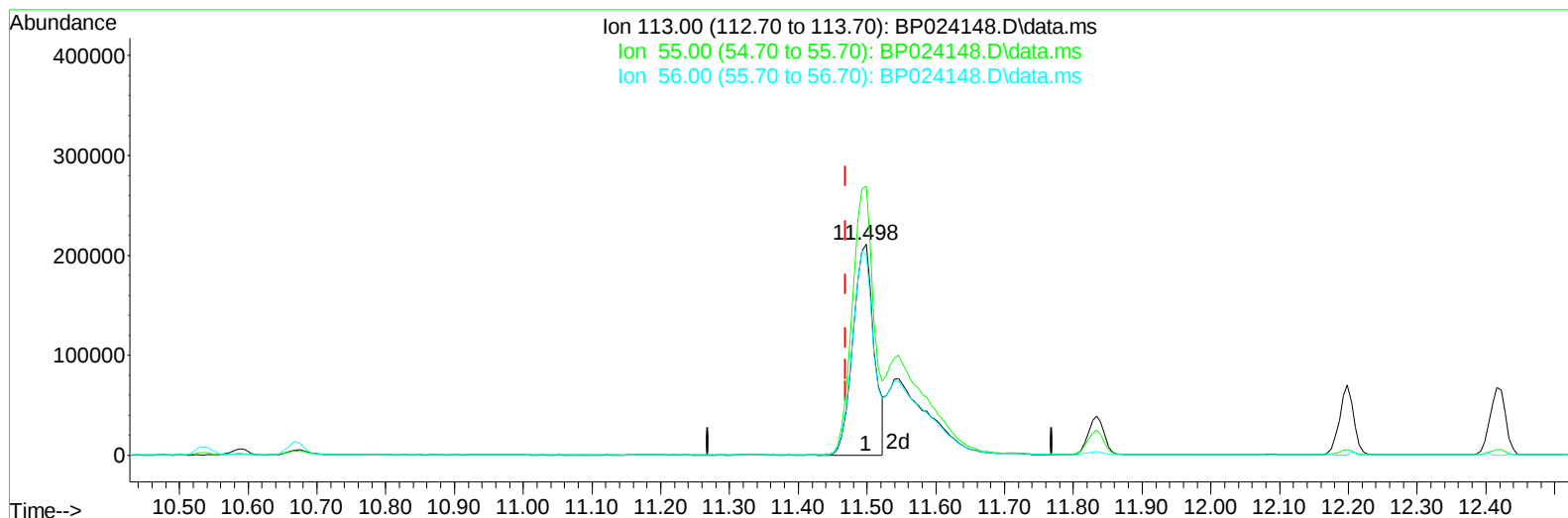
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
Data File : BP024148.D
Acq On : 04 Mar 2025 12:20
Operator : RC/JU
Sample : SSTD08089
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD080627

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025

Quant Time: Mar 04 13:50:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 04 13:32:01 2025
Response via : Initial Calibration



TIC: BP024148.D\data.ms

(34) Caprolactam

11.498min (+ 0.029) 47.68 ng/ul

response 447482

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	130.90	127.59
56.00	99.70	94.60
0.00	0.00	0.00

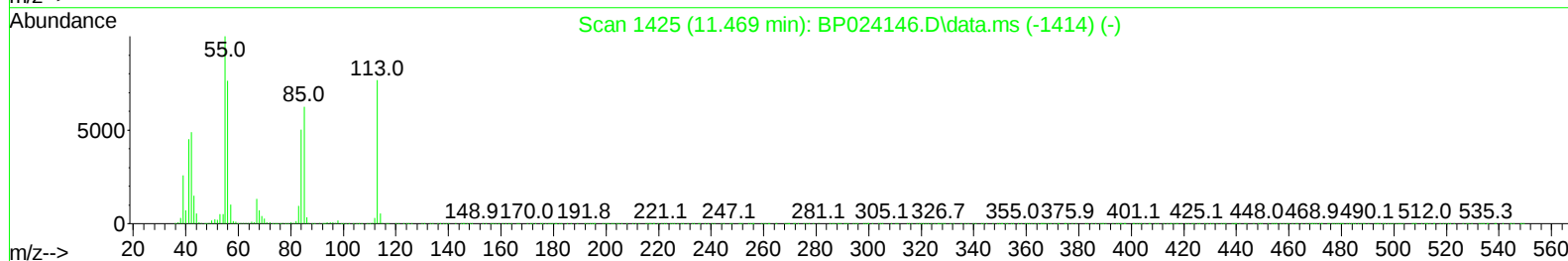
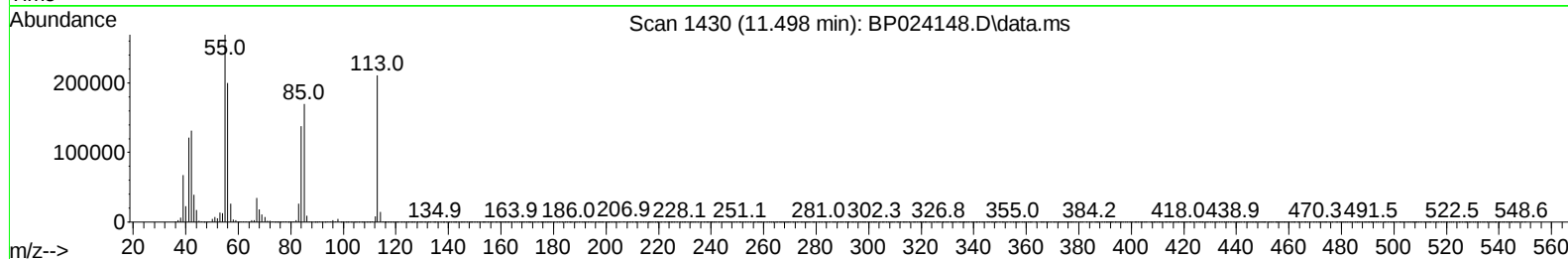
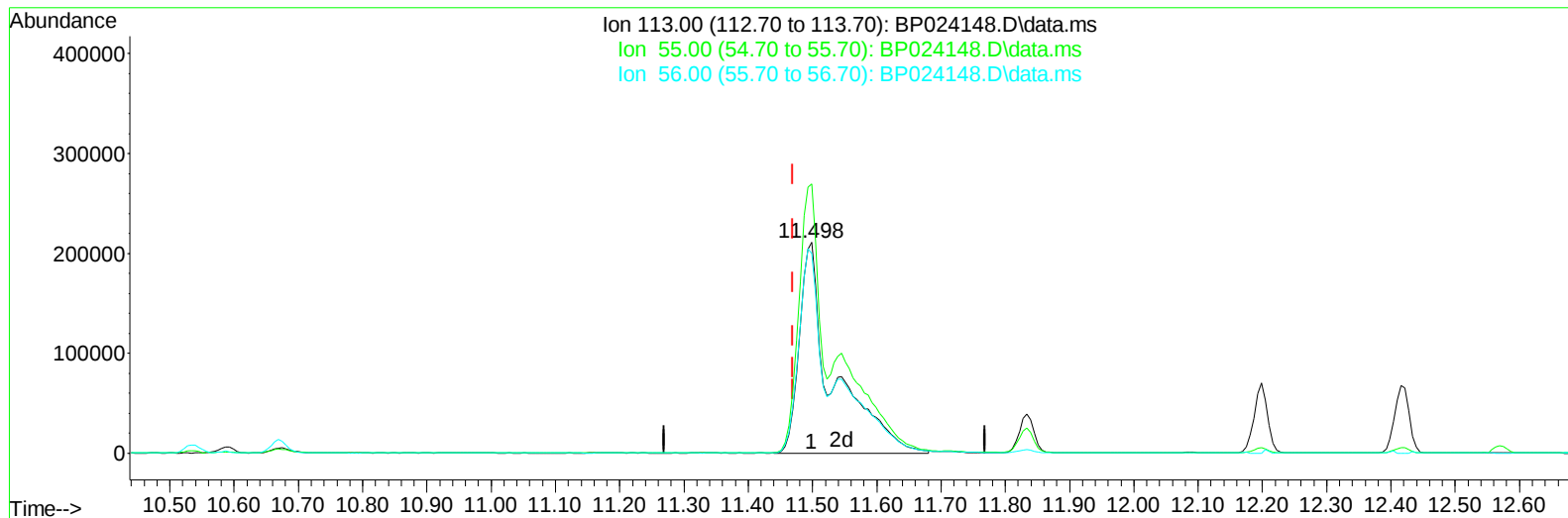
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Supervised By :Jagrut Upadhyay 03/05/2025



TIC: BP024148.D\data.ms

(34) Caprolactam

11.498min (+ 0.029) 81.61 ng/ul m

response 765879

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	130.90	127.59
56.00	99.70	94.60
0.00	0.00	0.00

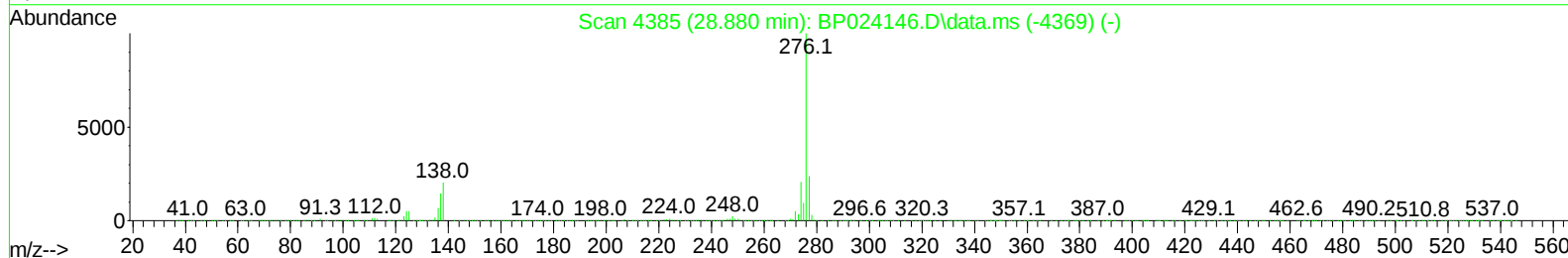
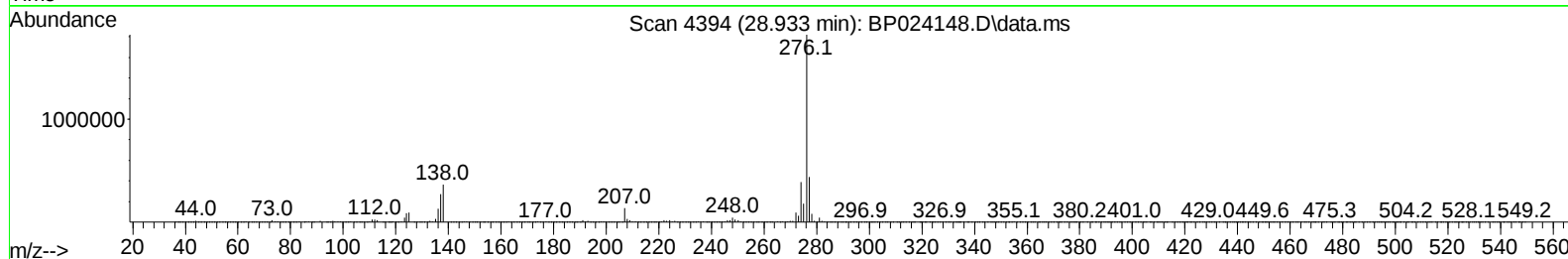
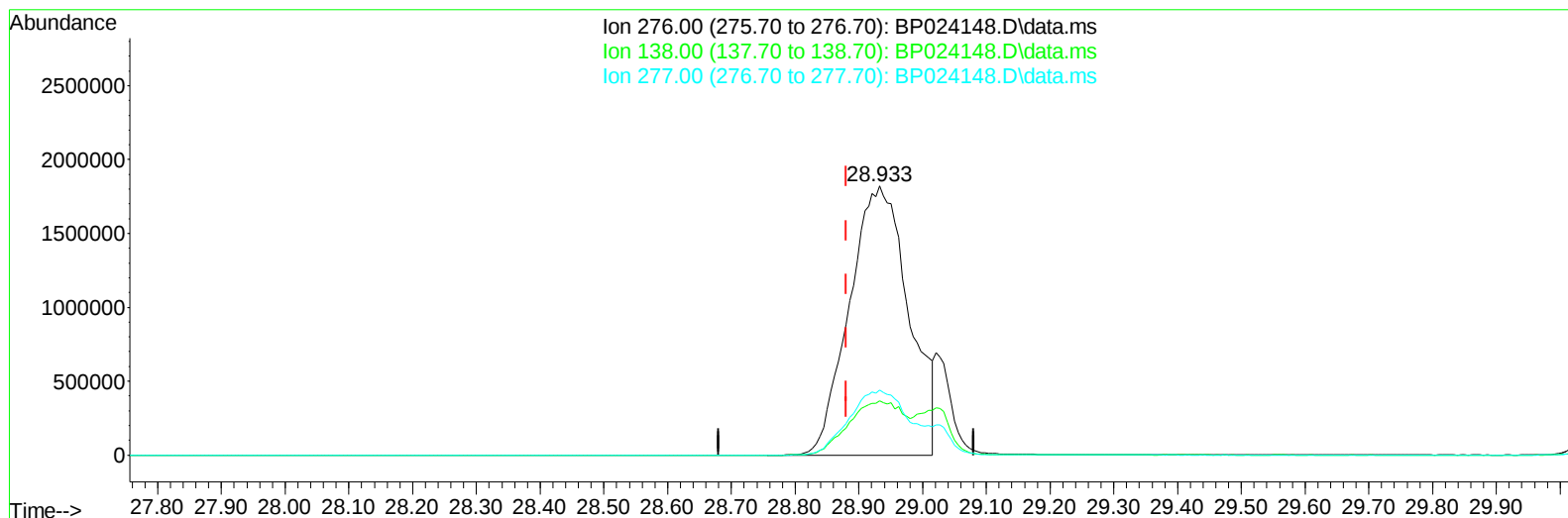
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Sample : SSTD08089
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Supervised By :Jagrut Upadhyay 03/05/2025



TIC: BP024148.D\data.ms

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

28.933min (+ 0.053) 73.38 ng/u1

response 11759422

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	20.14
277.00	23.60	24.09
0.00	0.00	0.00

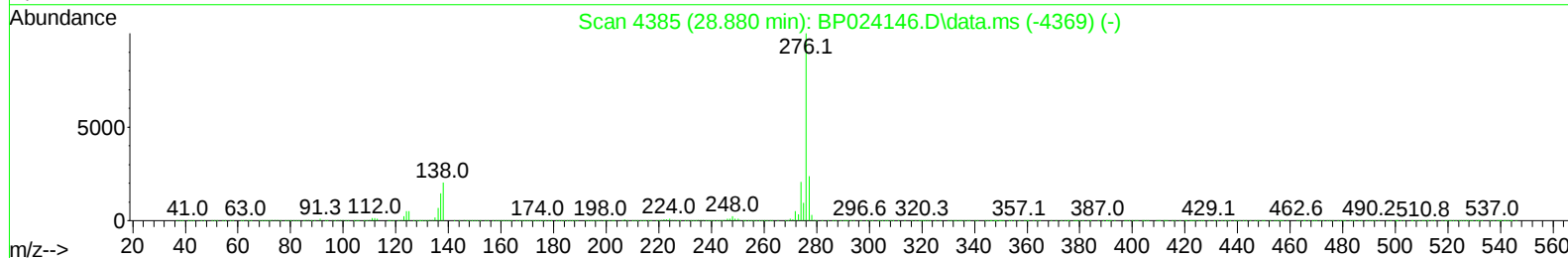
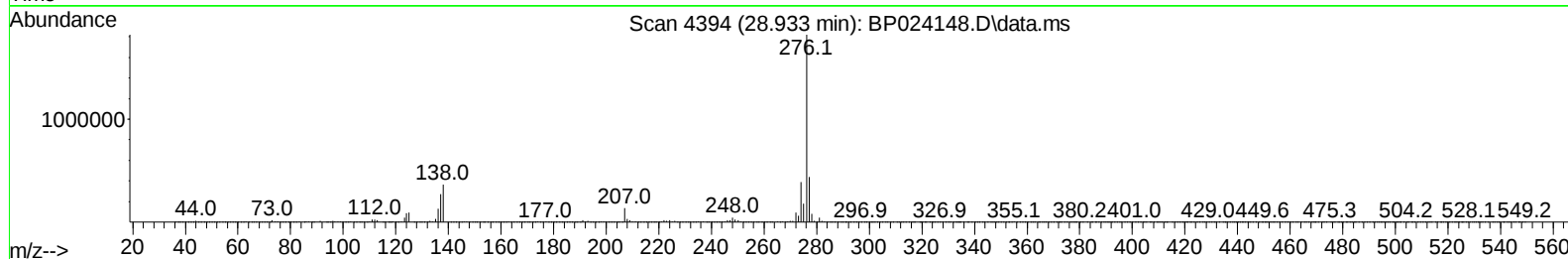
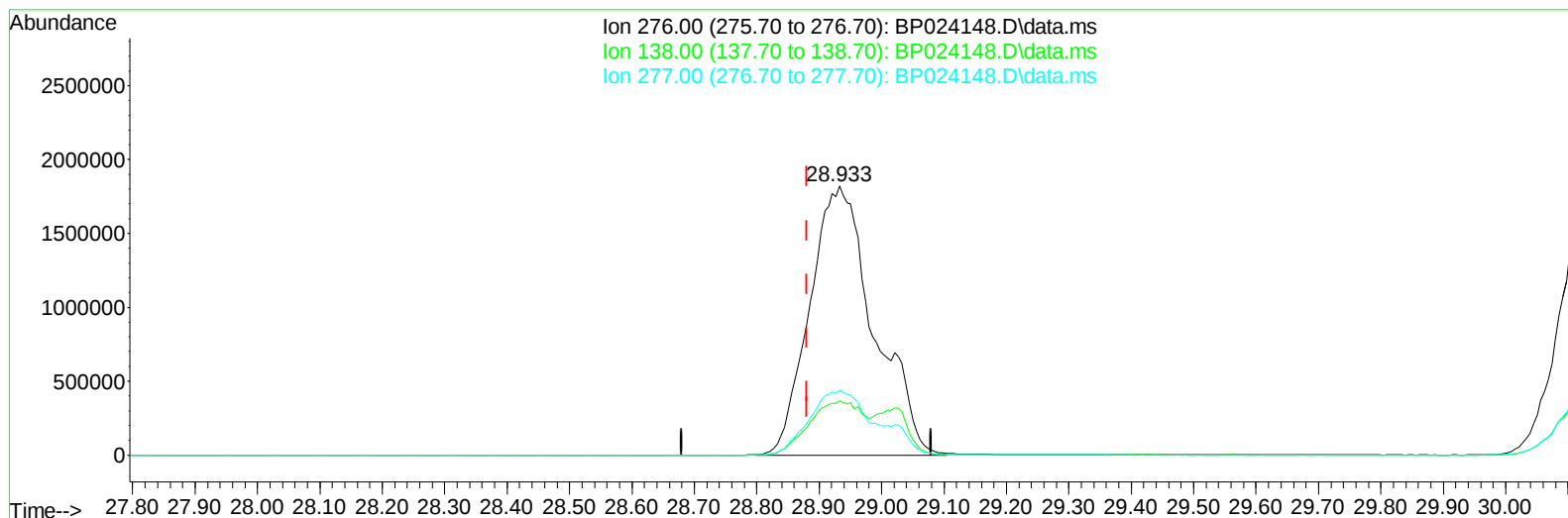
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
Data File : BP024148.D
Acq On : 04 Mar 2025 12:20
Operator : RC/JU
Sample : SSTD08089
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD080627

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Supervised By :Jagrut Upadhyay 03/05/2025



TIC: BP024148.D\data.ms

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

28.933min (+ 0.053) 81.11 ng/ul m

response 12999277

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	20.14
277.00	23.60	24.09
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
 Data File : BP024148.D
 Acq On : 04 Mar 2025 12:20
 Operator : RC/JU
 Sample : SST008089
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST0080627

Manual IntegrationsAPPROVED

Quant Time: Mar 04 13:52:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 04 13:32:01 2025
 Response via : Initial Calibration

Reviewed By :Rahul Chavli 03/05/2025
 Supervised By :Jagrut Upadhyay 03/05/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	362031	20.00	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1552382	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	990922	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1940217	20.00	ng/ul	0.00
79) Chrysene-d12	21.663	240	2034725	20.00	ng/ul	0.01
88) Perylene-d12	25.057	264	2173452	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	266582	30.24	ng/uL	0.00
4) Pyridine-d5	3.675	84	2079124	82.10	ng/ul	0.00
7) Phenol-d5	6.940	99	2605041	81.27	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	1388642	80.98	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	2041357	81.16	ng/ul	0.00
15) 4-Methylphenol-d8	8.463	113	2065834	79.81	ng/ul	0.00
21) Nitrobenzene-d5	8.904	128	1041386	83.22	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	1159982	86.64	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.163	165	1995053	81.44	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	2867528	78.62	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	5596161	76.10	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	6567632	78.77	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	1218080	83.13	ng/ul	0.01
60) Fluorene-d10	15.404	176	4714104	75.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	1088519	89.69	ng/ul	0.01
73) Anthracene-d10	17.304	188	7326694	76.79	ng/ul	0.00
81) Pyrene-d10	19.674	212	8370079	77.45	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.827	264	9248808	81.66	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	282586	30.40	ng/uL	98
5) Pyridine	3.699	79	2081058	81.58	ng/ul	95
6) Benzaldehyde	6.905	77	1217921	77.21	ng/ul	98
8) Phenol	6.963	94	2677133	81.13	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.181	93	2004887	79.61	ng/ul	99
12) 2-Chlorophenol	7.328	128	2090330	80.55	ng/ul	99
13) 2-Methylphenol	8.199	108	1983116	80.59	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.269	45	2084970	80.07	ng/ul	99
16) Acetophenone	8.569	105	3170732	80.27	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.569	70	1515920	81.53	ng/ul	98
18) 4-Methylphenol	8.534	108	2186197	80.21	ng/ul	98
19) Hexachloroethane	8.828	117	808011	78.57	ng/ul	97
22) Nitrobenzene	8.946	77	2228694	81.65	ng/ul	99
23) Isophorone	9.481	82	4384207	81.47	ng/ul	100
25) 2-Nitrophenol	9.651	139	1231033	83.81	ng/ul	99
26) 2,4-Dimethylphenol	9.716	107	2061979	76.82	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.951	93	2673992	79.05	ng/ul	99
29) 2,4-Dichlorophenol	10.193	162	1980616	79.79	ng/ul	99
30) Naphthalene	10.587	128	6493148	77.98	ng/ul	99
32) 4-Chloroaniline	10.693	127	2705727	78.38	ng/ul	99
33) Hexachlorobutadiene	10.869	225	1143770	75.49	ng/ul	99
34) Caprolactam	11.498	113	765879m	81.61	ng/ul	
35) 4-Chloro-3-methylphenol	11.834	107	2161895	82.24	ng/ul	99

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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Mar 04 13:52:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 04 13:32:01 2025
 Response via : Initial Calibration

Reviewed By :Rahul Chavli 03/05/2025
 Supervised By :Jagrut Upadhyay 03/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.198	142	4539859	78.46	ng/ul	99
37) 1-Methylnaphthalene	12.422	142	4490438	78.30	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.575	216	2328231	78.74	ng/ul	99
40) Hexachlorocyclopentadiene	12.551	237	1240577	74.77	ng/ul	99
41) 2,4,6-Trichlorophenol	12.816	196	1589472	81.54	ng/ul	99
42) 2,4,5-Trichlorophenol	12.887	196	1728393	81.94	ng/ul	98
43) 1,1'-Biphenyl	13.210	154	5675323	76.80	ng/ul	98
44) 2-Chloronaphthalene	13.257	162	4442021	77.13	ng/ul	99
45) 2-Nitroaniline	13.463	65	1280701	85.35	ng/ul	97
47) Dimethylphthalate	13.845	163	5520601	75.16	ng/ul	100
48) 2,6-Dinitrotoluene	13.969	165	1242813	86.69	ng/ul	94
50) Acenaphthylene	14.110	152	6871668	77.32	ng/ul	98
51) 3-Nitroaniline	14.298	138	1341277	85.27	ng/ul	98
52) Acenaphthene	14.457	153	4895783	77.83	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	805572	93.24	ng/ul	96
55) 4-Nitrophenol	14.634	109	821131	79.69	ng/ul	97
56) Dibenzofuran	14.798	168	6590565	75.44	ng/ul	98
57) 2,4-Dinitrotoluene	14.763	165	1787373	83.66	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.034	232	1433900	80.79	ng/ul	100
59) Diethylphthalate	15.228	149	5586558	75.65	ng/ul	98
61) Fluorene	15.457	166	5352169	74.12	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	2648277	74.46	ng/ul	99
63) 4-Nitroaniline	15.486	138	1256591	81.45	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.545	198	1162743	87.63	ng/ul	98
67) N-Nitrosodiphenylamine	15.669	169	4594390	77.35	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	1758314	80.07	ng/ul	99
69) Hexachlorobenzene	16.486	284	2073432	78.21	ng/ul	97
70) Atrazine	16.657	200	1689928	73.77	ng/ul	99
71) Pentachlorophenol	16.839	266	1413072	86.14	ng/ul	99
72) Phenanthrene	17.245	178	8450071	76.97	ng/ul	98
74) Anthracene	17.339	178	8471791	76.37	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.181	216	2345334	81.77	ng/uL	97
76) Pentachlorobenzene	14.716	250	2421458	79.07	ng/uL	100
77) Carbazole	17.616	167	8001530	82.26	ng/ul	98
78) Di-n-butylphthalate	18.210	149	9620002	79.78	ng/ul	99
80) Fluoranthene	19.327	202	9742504	78.17	ng/ul	96
82) Pyrene	19.710	202	10025212	77.05	ng/ul	100
83) Butylbenzylphthalate	20.657	149	4500091	79.66	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.563	252	3166766	71.58	ng/ul	99
85) Benzo(a)anthracene	21.639	228	10121069	75.36	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.580	149	6481040	77.96	ng/ul	98
87) Chrysene	21.710	228	9372014	75.55	ng/ul	98
89) Di-n-octyl phthalate	22.880	149	10754063	82.75	ng/ul	100
90) Benzo(b)fluoranthene	23.992	252	10497519	80.01	ng/ul	99
91) Benzo(k)fluoranthene	24.057	252	10595167	80.07	ng/ul	99
93) Benzo(a)pyrene	24.909	252	9751009	79.44	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.933	276	12999277m	81.11	ng/ul	
95) Dibenzo(a,h)anthracene	29.021	278	10501693	80.83	ng/ul	99
96) Benzo(g,h,i)perylene	30.121	276	9983005	81.45	ng/ul	99

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

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