Quantitation Report (Qedit)

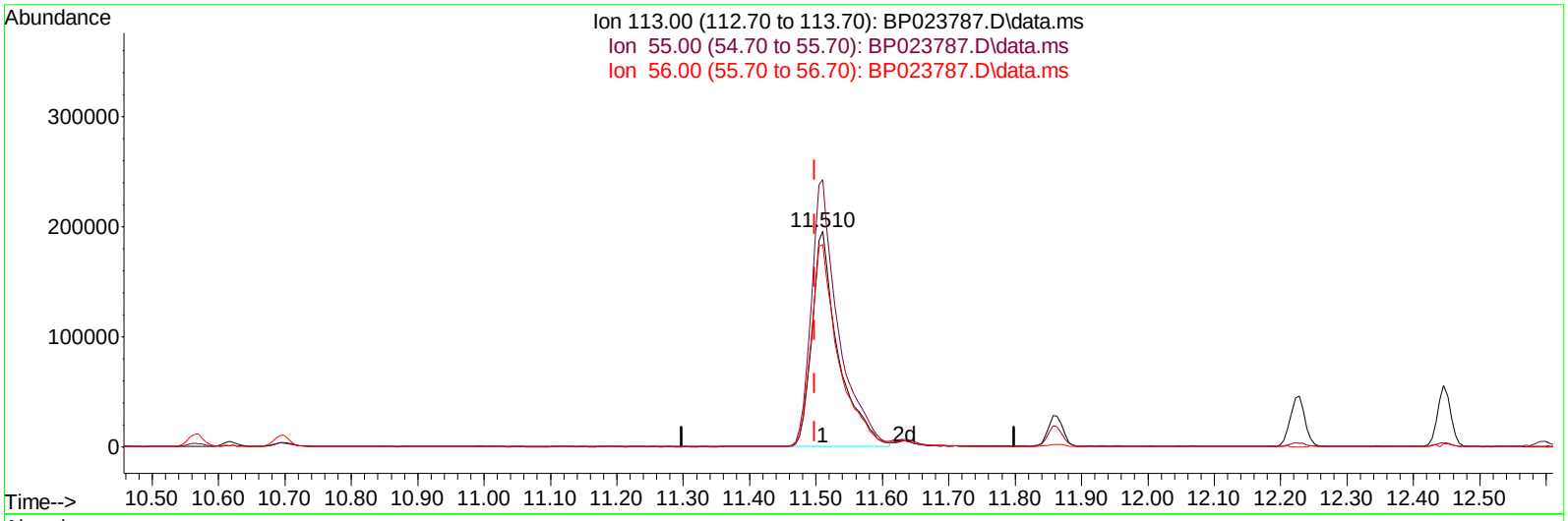
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023787.D
Acq On : 29 Jan 2025 15:19
Operator : RC/JU
Sample : SSTD04082
Misc :
ALS Vial : 6 Sample Multiplier: 1

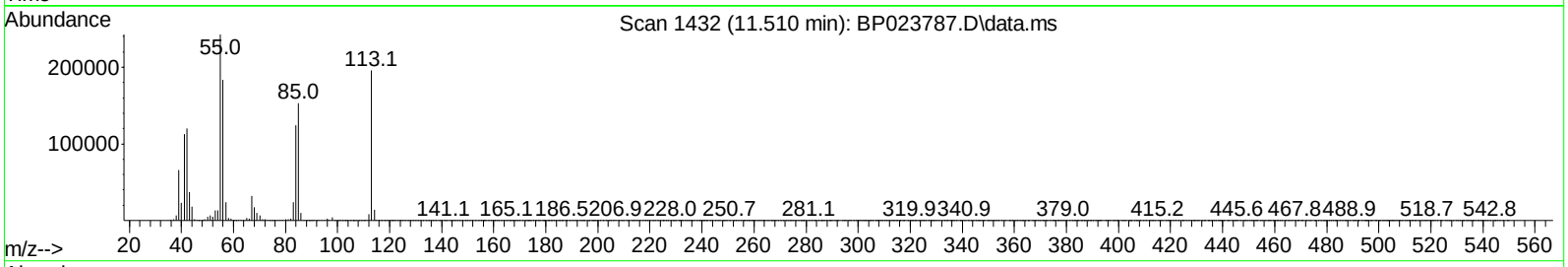
Quant Time: Jan 29 16:18:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

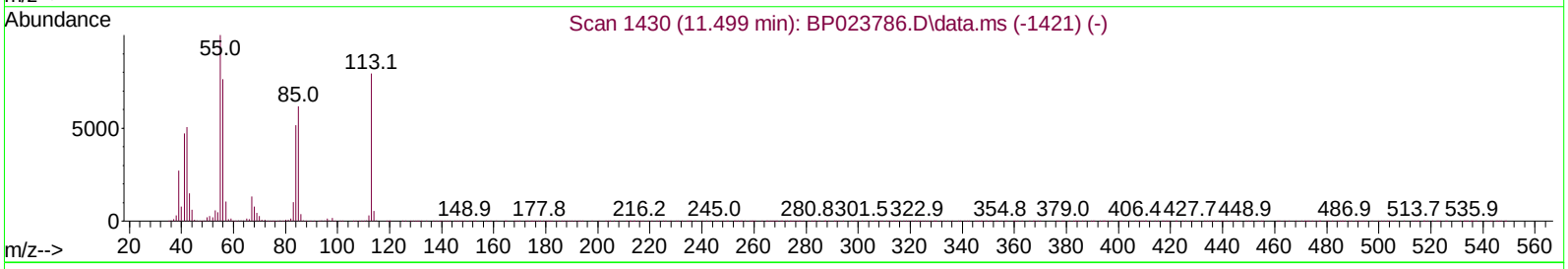
Instrument :
BNA_P
ClientSampleId :
SSTD040619

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025







TIC: BP023787.D\data.ms

(34) Caprolactam

11.510min (+ 0.012) 45.72 ng/ul

response 536702

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	123.99
56.00	96.30	93.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023787.D
Acq On : 29 Jan 2025 15:19
Operator : RC/JU
Sample : SSTD04082
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 16:18:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040619

Manual IntegrationsAPPROVED

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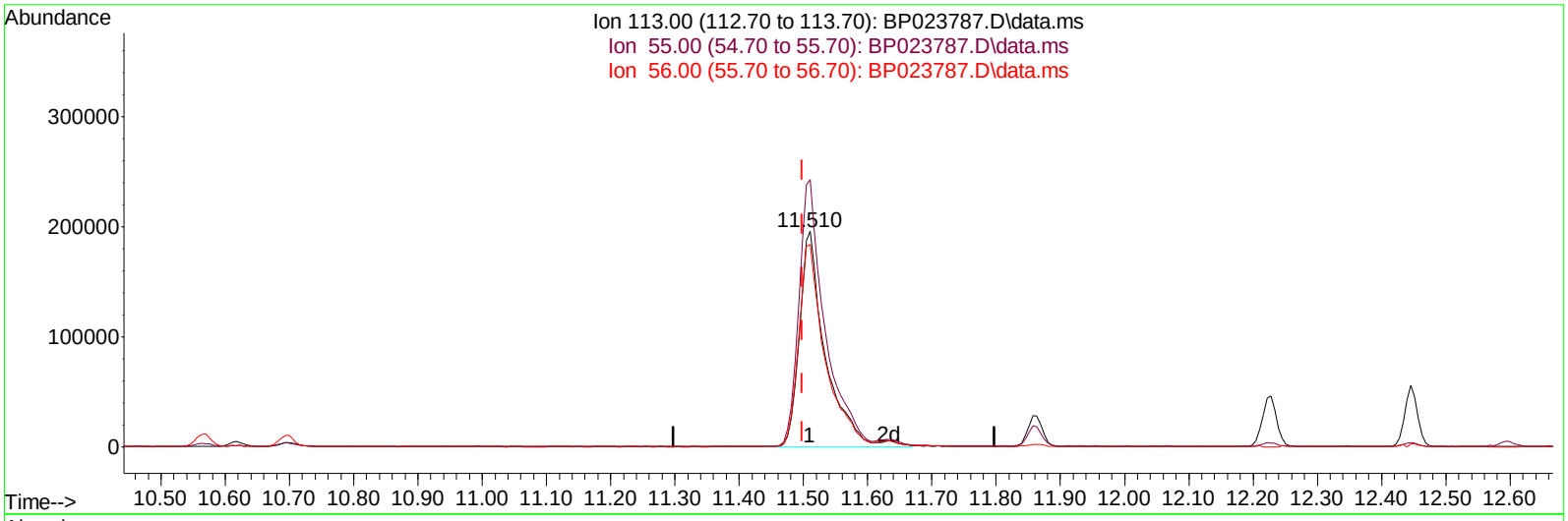

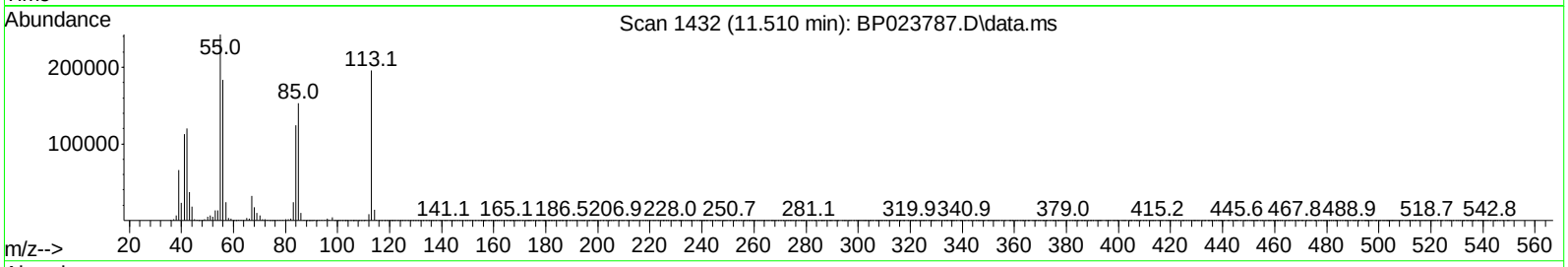

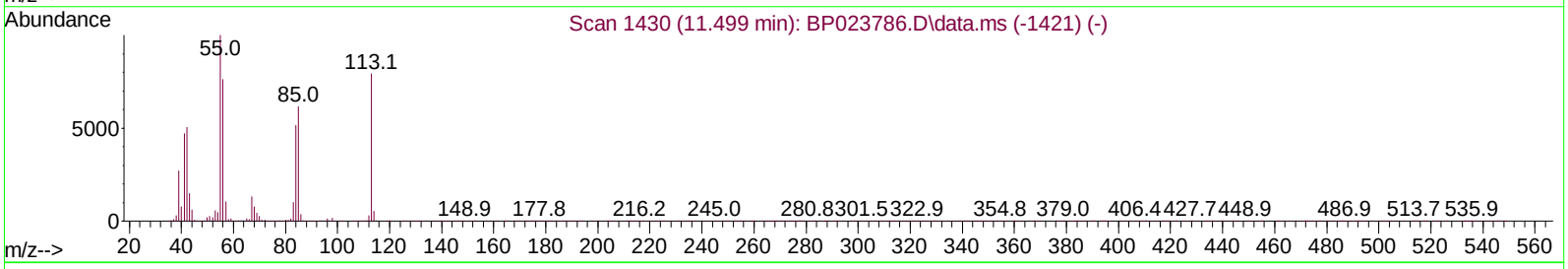

TIC: BP023787.D\data.ms

(34) Caprolactam

11.510min (+ 0.012) 46.83 ng/ul m

response 549782

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	123.99
56.00	96.30	93.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023787.D
Acq On : 29 Jan 2025 15:19
Operator : RC/JU
Sample : SSTD04082
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 16:18:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040619

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
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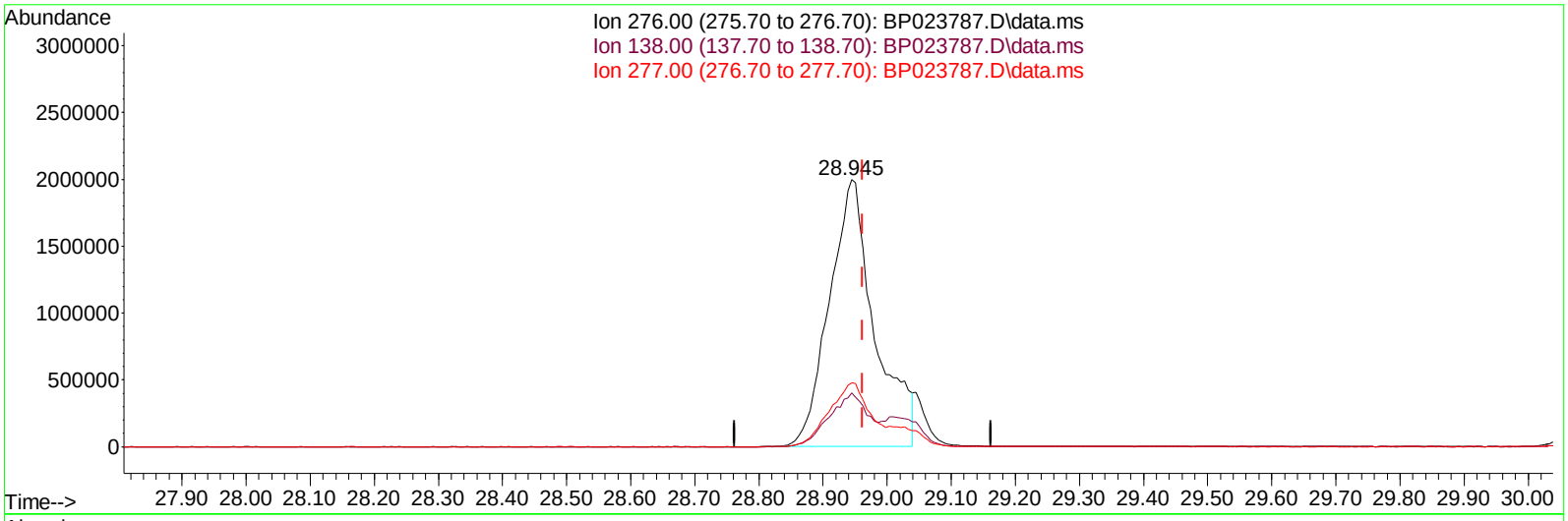
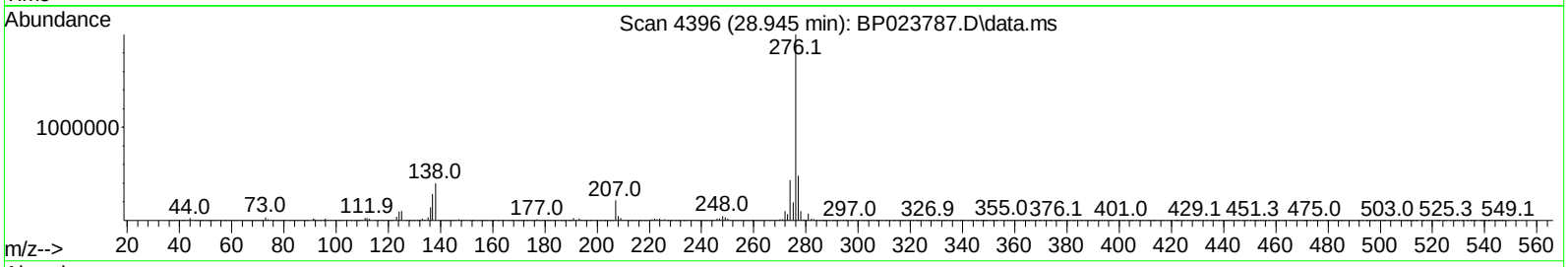
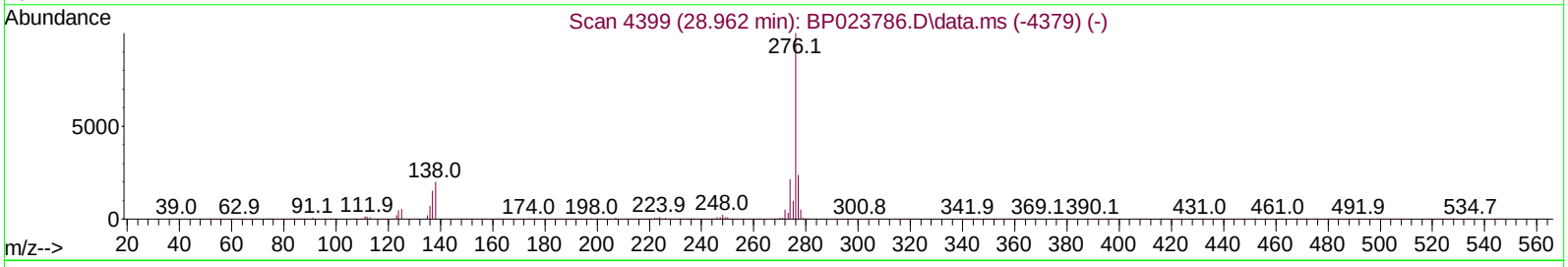






TIC: BP023787.D\data.ms

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

28.945min (-0.018) 39.83 ng/ul

response 9790347

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.09
277.00	23.70	23.93
0.00	0.00	0.00

Quantitation Report (Qedit)

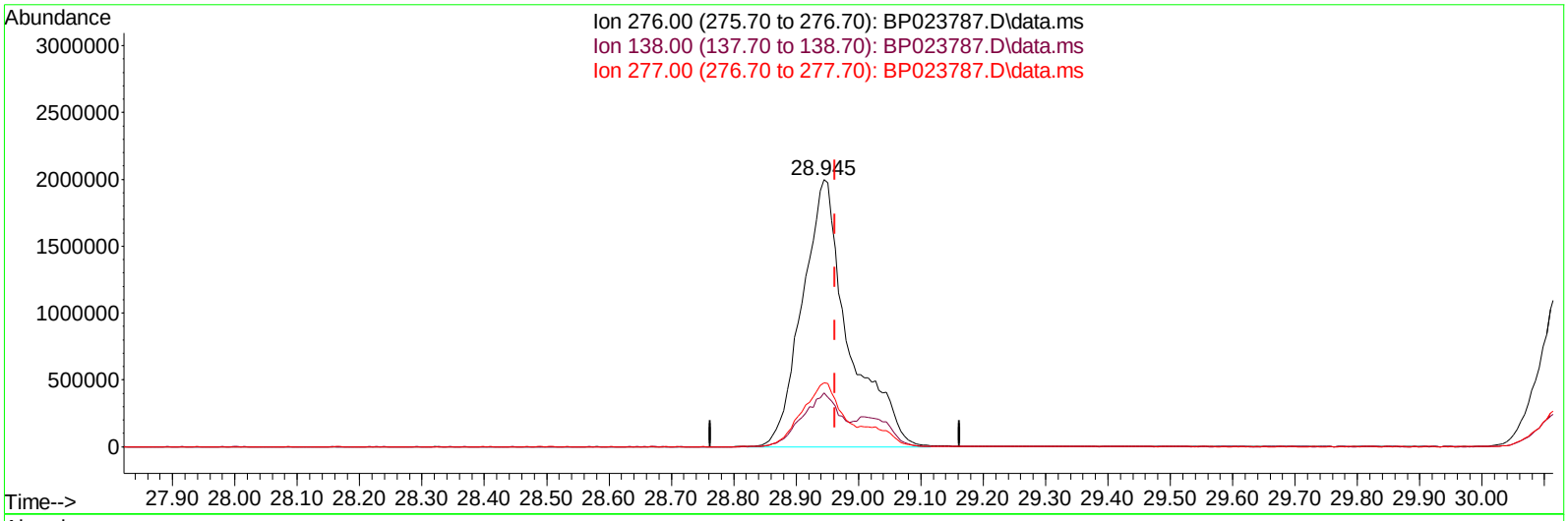
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023787.D
Acq On : 29 Jan 2025 15:19
Operator : RC/JU
Sample : SSTD04082
Misc :
ALS Vial : 6 Sample Multiplier: 1

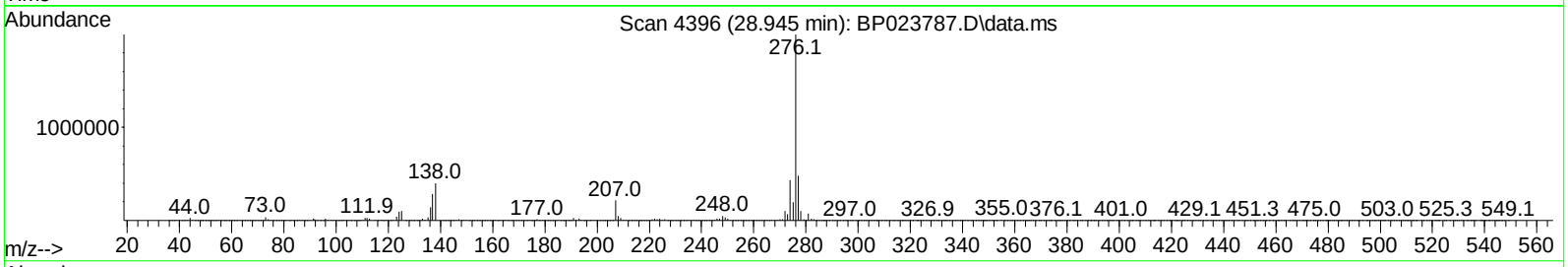
Quant Time: Jan 29 16:18:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

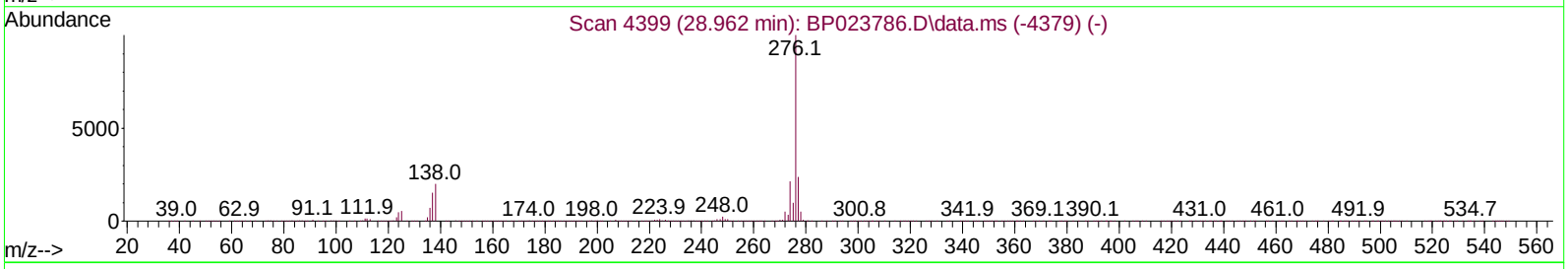
Instrument :
BNA_P
ClientSampleId :
SSTD040619

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025







TIC: BP023787.D\data.ms

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

28.945min (-0.018) 42.06 ng/ul m

response 10338666

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.09
277.00	23.70	23.93
0.00	0.00	0.00

Quantitation Report (Qedit)

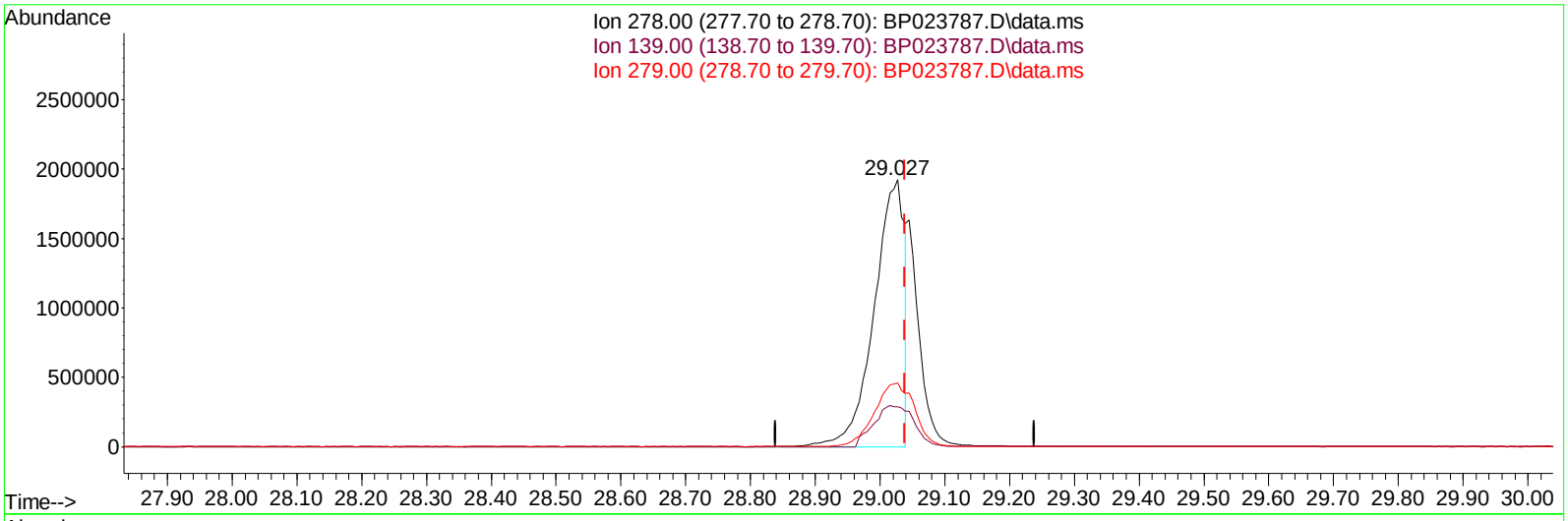
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023787.D
Acq On : 29 Jan 2025 15:19
Operator : RC/JU
Sample : SSTD04082
Misc :
ALS Vial : 6 Sample Multiplier: 1

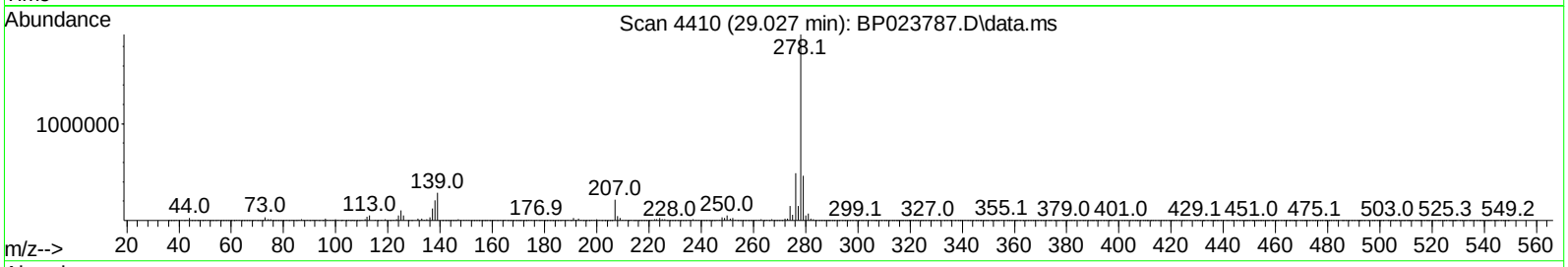
Quant Time: Jan 29 16:18:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

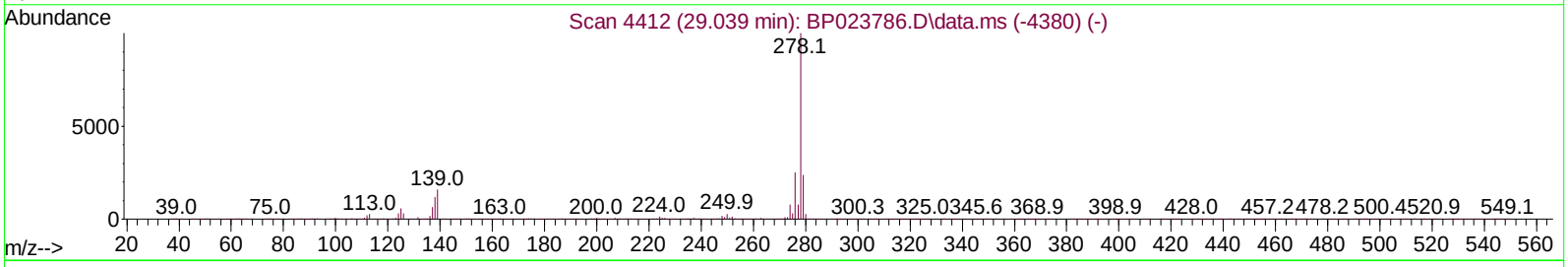
Instrument :
BNA_P
ClientSampleId :
SSTD040619

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025







TIC: BP023787.D\data.ms

(95) Dibenzo(a,h)anthracene

29.027min (-0.012) 31.09 ng/ul

response 6207162

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.04
279.00	23.80	24.04
0.00	0.00	0.00

Quantitation Report (Qedit)

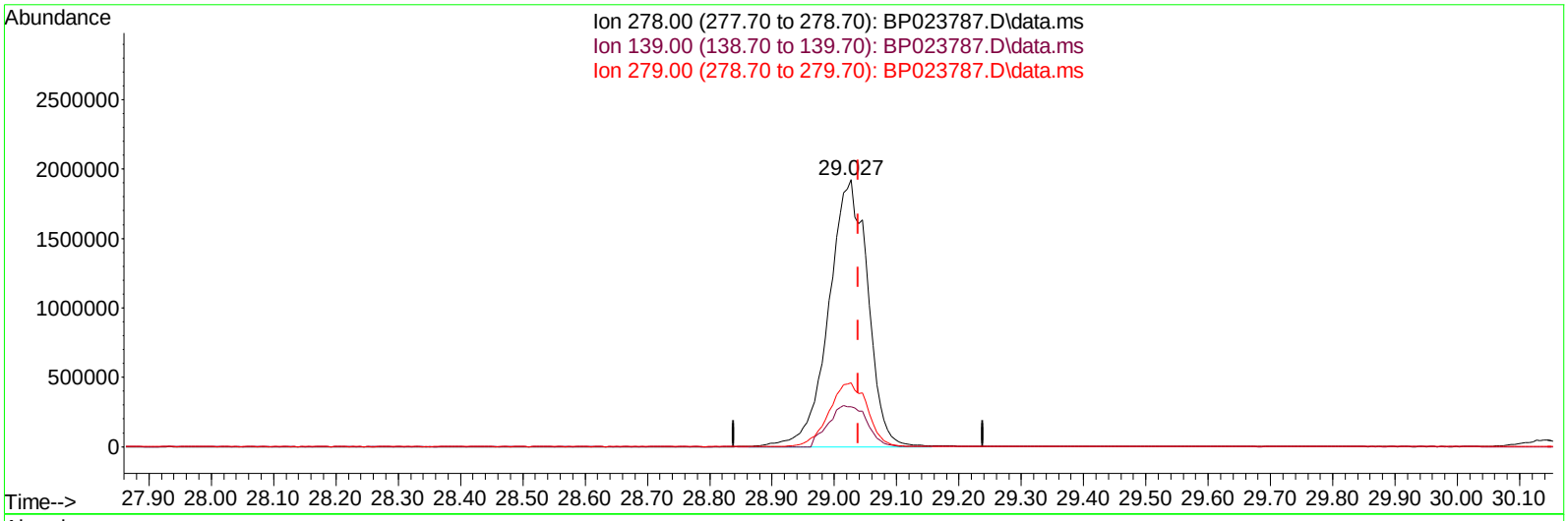
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023787.D
Acq On : 29 Jan 2025 15:19
Operator : RC/JU
Sample : SSTD04082
Misc :
ALS Vial : 6 Sample Multiplier: 1

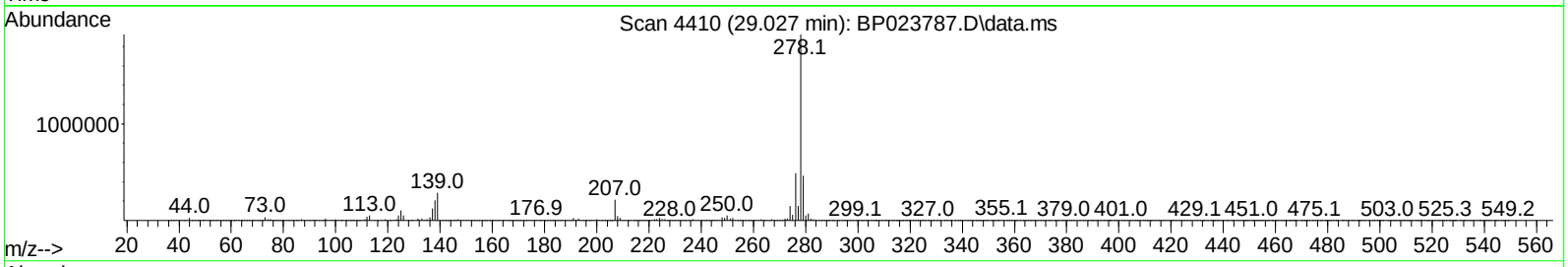
Quant Time: Jan 29 16:18:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

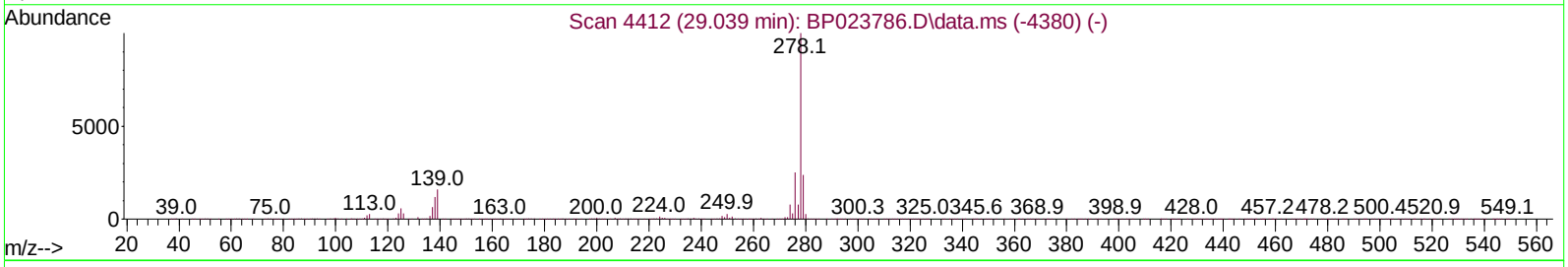
Instrument :
BNA_P
ClientSampleId :
SSTD040619

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025







TIC: BP023787.D\data.ms

(95) Dibenzo(a,h)anthracene

29.027min (-0.012) 41.89 ng/ul m

response 8361353

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.04
279.00	23.80	24.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023787.D
Acq On : 29 Jan 2025 15:19
Operator : RC/JU
Sample : SSTD04082
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 16:21:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040619

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	464442	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	2035700	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	1373409	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	2931085	20.000	ng/ul	0.00
79) Chrysene-d12	21.669	240	3257611	20.000	ng/ul	-0.01
88) Perylene-d12	25.068	264	3476998	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	174362	15.088	ng/uL	0.00
4) Pyridine-d5	3.705	84	1288827	38.509	ng/ul	0.00
7) Phenol-d5	6.969	99	1638955	40.961	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	893642	40.310	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	1336272	43.710	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	1370648	43.039	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	680804	43.599	ng/ul	0.00
24) 2-Nitrophenol-d4	9.646	143	747602	49.821	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	1365353	45.051	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	2025550	42.240	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	4334529	43.181	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	4834074	41.906	ng/ul	0.00
54) 4-Nitrophenol-d4	14.640	143	897192	44.538	ng/ul	0.00
60) Fluorene-d10	15.422	176	3598338	41.960	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	762037	49.361	ng/ul	0.00
73) Anthracene-d10	17.316	188	5959736	42.063	ng/ul	0.00
81) Pyrene-d10	19.692	212	7112631	41.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.833	264	7482241	42.395	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	181592	14.862	ng/uL	99
5) Pyridine	3.723	79	1290095	38.408	ng/ul	99
6) Benzaldehyde	6.928	77	888565	44.087	ng/ul	99
8) Phenol	6.999	94	1701113	40.814	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.211	93	1318463	40.924	ng/ul	99
12) 2-Chlorophenol	7.363	128	1376531	42.773	ng/ul	99
13) 2-Methylphenol	8.228	108	1288963	42.249	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	1388173	41.666	ng/ul	100
16) Acetophenone	8.599	105	2137948	42.287	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.587	70	1024123	43.453	ng/ul	100
18) 4-Methylphenol	8.558	108	1444958	42.525	ng/ul	99
19) Hexachloroethane	8.858	117	545977	41.803	ng/ul	100
22) Nitrobenzene	8.975	77	1458444	40.550	ng/ul	99
23) Isophorone	9.505	82	2986093	42.946	ng/ul	100
25) 2-Nitrophenol	9.681	139	805520	46.876	ng/ul	99
26) 2,4-Dimethylphenol	9.746	107	1461068	42.092	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.975	93	1832530	41.032	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	1361103	43.540	ng/ul	99
30) Naphthalene	10.616	128	4420984	40.068	ng/ul	100
32) 4-Chloroaniline	10.722	127	1917424	42.015	ng/ul	100
33) Hexachlorobutadiene	10.910	225	809300	41.733	ng/ul	99
34) Caprolactam	11.510	113	549782m	46.830	ng/ul	
35) 4-Chloro-3-methylphenol	11.857	107	1488744	45.458	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023787.D
Acq On : 29 Jan 2025 15:19
Operator : RC/JU
Sample : SSTD04082
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 16:21:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040619

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.228	142	3179222	42.242	ng/ul	100
37) 1-Methylnaphthalene	12.446	142	3172536	42.224	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.593	216	1664709	40.625	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	933918	43.619	ng/ul	99
41) 2,4,6-Trichlorophenol	12.846	196	1139546	45.930	ng/ul	98
42) 2,4,5-Trichlorophenol	12.922	196	1236482	45.377	ng/ul	100
43) 1,1'-Biphenyl	13.240	154	4128672	39.792	ng/ul	100
44) 2-Chloronaphthalene	13.287	162	3224163	39.995	ng/ul	100
45) 2-Nitroaniline	13.481	65	886942	45.334	ng/ul	96
47) Dimethylphthalate	13.869	163	4306862	42.930	ng/ul	99
48) 2,6-Dinitrotoluene	13.987	165	879235	48.125	ng/ul	97
50) Acenaphthylene	14.134	152	5080599	40.748	ng/ul	100
51) 3-Nitroaniline	14.316	138	933150	43.888	ng/ul	97
52) Acenaphthene	14.487	153	3603088	40.860	ng/ul	100
53) 2,4-Dinitrophenol	14.528	184	507489	53.214	ng/ul	96
55) 4-Nitrophenol	14.651	109	625917	42.815	ng/ul	99
56) Dibenzofuran	14.822	168	4963153	40.889	ng/ul	100
57) 2,4-Dinitrotoluene	14.781	165	1336761	48.966	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.051	232	1076303	47.490	ng/ul	94
59) Diethylphthalate	15.251	149	4503958	45.692	ng/ul	98
61) Fluorene	15.481	166	4190715	41.526	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	2112168	42.684	ng/ul	98
63) 4-Nitroaniline	15.498	138	967380	45.634	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.551	198	830714	47.968	ng/ul	98
67) N-Nitrosodiphenylamine	15.692	169	3597533	40.609	ng/ul	99
68) 4-Bromophenyl-phenylether	16.381	248	1356965	42.578	ng/ul	100
69) Hexachlorobenzene	16.498	284	1643997	42.408	ng/ul	99
70) Atrazine	16.669	200	1485793	44.967	ng/ul	99
71) Pentachlorophenol	16.857	266	1026010	43.561	ng/ul	100
72) Phenanthrene	17.257	178	6772125	40.754	ng/ul	99
74) Anthracene	17.351	178	6932026	42.152	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	1671796	38.927	ng/uL	99
76) Pentachlorobenzene	14.740	250	1797357	39.256	ng/uL	100
77) Carbazole	17.634	167	6484084	44.627	ng/ul	99
78) Di-n-butylphthalate	18.222	149	8287314	49.688	ng/ul	99
80) Fluoranthene	19.345	202	8307982	43.143	ng/ul	99
82) Pyrene	19.722	202	8618998	41.323	ng/ul	97
83) Butylbenzylphthalate	20.675	149	3998648	51.583	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.569	252	3113397	51.174	ng/ul	99
85) Benzo(a)anthracene	21.645	228	8777173	42.208	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.598	149	6022302	52.982	ng/ul	99
87) Chrysene	21.716	228	8066794	41.530	ng/ul	98
89) Di-n-octyl phthalate	22.904	149	10000448	54.246	ng/ul	100
90) Benzo(b)fluoranthene	23.998	252	8804923	42.251	ng/ul	99
91) Benzo(k)fluoranthene	24.063	252	8721423	40.957	ng/ul	99
93) Benzo(a)pyrene	24.910	252	8111723	41.348	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.945	276	10338666m	42.061	ng/ul	
95) Dibenzo(a,h)anthracene	29.027	278	8361353m	41.886	ng/ul	
96) Benzo(g,h,i)perylene	30.145	276	7796941	41.160	ng/ul	100

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

Instrument :
BNA_P
ClientSampleId :
SSTD040619

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023787.D
Acq On : 29 Jan 2025 15:19
Operator : RC/JU
Sample : SSTD04082
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 16:21:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040619

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025