LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG064385.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.311	34	38	42	rBV3	4807	8155	0.15%	0.041%
2	3.717	103	107	113	rBV	32609	53762	0.96%	0.271%
3	5.174	348	355	369	rVB	285837	471055	8.42%	2.373%
4	7.013	661	668	673	rBV2	36914	64010	1.14%	0.323%
5	7.172	690	695	706	rVB	66930	109387	1.96%	0.551%
6	7.377	723	730	740	rVB	84099	150367	2.69%	0.758%
7	7.736	783	791	800	rBV	939243	1542305	27.58%	7.771%
8	7.888	803	817	827	rBV	3259367	5591472	100.00%	28.174%
9	8.194	862	869	877	rBV	106394	178366	3.19%	0.899%
10	8.541	921	928	938	rBV	105240	179158	3.20%	0.903%
11	8.817	970	975	982	rVB	20867	32602	0.58%	0.164%
12	8.993	998	1005	1011	rBV	108353	184181	3.29%	0.928%
13	9.657	1112	1118	1122	rBV3	20377	35341	0.63%	0.178%
14	9.710	1122	1127	1134	rVB2	98144	170873	3.06%	0.861%
15	10.250	1211	1219	1228	rBV2	141909	293144	5.24%	1.477%
16	10.315	1228	1230	1236	rVB2	19685	28277	0.51%	0.142%
17	10.521	1255	1265	1275	rBV2	71345	162128	2.90%	0.817%
18	10.632	1277	1284	1289	rVV	116313	204256	3.65%	1.029%
19	10.679	1289	1292	1298	rVB	4604	7653	0.14%	0.039%
20	10.785	1298	1310	1320	rBV2	228171	582175	10.41%	2.933%
21	13.488	1763	1770	1777	rVB3	25466	39291	0.70%	0.198%
22	13.705	1800	1807	1812	rVB	5475	9130	0.16%	0.046%
23	13.876	1830	1836	1844	rVB	319436	456000	8.16%	2.298%
24	14.158	1877	1884	1891	rVB	292631	451065	8.07%	2.273%
25	14.469	1928	1937	1943	rBV2	189934	301048	5.38%	1.517%
26	14.675	1964	1972	1979	rBV5	25223	52589	0.94%	0.265%
27	15.021	2021	2031	2039	rBV	1883409	2980601	53.31%	15.018%
28	15.086	2039	2042	2046	rVV4	5336	7998	0.14%	0.040%
29	15.162	2046	2055	2060	rVV	40786	67897	1.21%	0.342%
30	15.462	2099	2106	2113	rBV	411894	606076	10.84%	3.054%
31	15.527	2113	2117	2120	rBV4	6430	9776	0.17%	0.049%
32	15.574	2120	2125	2134	rVB	189160	266271	4.76%	1.342%
33	15.750	2152	2155	2159	rVB3	4394	5886	0.11%	0.030%
34	15.826	2163	2168	2173	rVB	26175	38308	0.69%	0.193%
35	16.619	2300	2303	2307	rBV3	10112	13083	0.23%	0.066%
36	17.207	2398	2403	2411	rBV2	250774	366956	6.56%	1.849%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Title : SVOA CALIBRATION

37	17.307	2411	2420	2429	rVB2	494947	731498	13.08%	3.686%
38	17.389	2429	2434	2437	rBV3	5232	8042	0.14%	0.041%
39	17.571	2460	2465	2466	rBV2	6876	7485	0.13%	0.038%
40	17.718	2485	2490	2495	rVB3	14567	20770	0.37%	0.105%
41	17.983	2529	2535	2547	rVB4	20681	37140	0.66%	0.187%
42	18.106	2550	2556	2564	rBV2	78738	112081	2.00%	0.565%
43	18.535	2624	2629	2632	rBV3	8006	12520	0.22%	0.063%
44	18.617	2639	2643	2647	rBV5	4948	6993	0.13%	0.035%
45	19.158	2731	2735	2739	rVB4	7158	10527	0.19%	0.053%
46	19.228	2743	2747	2750	rVV2	6694	10547	0.19%	0.053%
47	19.258	2750	2752	2760	rVB6	11315	17648	0.32%	0.089%
48	19.381	2769	2773	2776	rBV4	23219	32066	0.57%	0.162%
49	19.528	2793	2798	2800	rBV5	3376	7008	0.13%	0.035%
50	19.592	2803	2809	2816	rVV	625297	877998	15.70%	4.424%
51	20.209	2908	2914	2915	rBV5	5265	7088	0.13%	0.036%
52	21.120	3066	3069	3075	rBV7	9236	18516	0.33%	0.093%
53	21.437	3116	3123	3131	rBV2	290181	461672	8.26%	2.326%
54	22.847	3361	3363	3367	rVB4	4737	6147	0.11%	0.031%
55	23.024	3386	3393	3404	rVB	100270	190178	3.40%	0.958%
56	23.394	3452	3456	3460	rBV7	6045	9590	0.17%	0.048%
57	23.594	3484	3490	3497	rVB8	8545	14680	0.26%	0.074%
58	24.234	3588	3599	3608	rBV	369113	935005	16.72%	4.711%
59	24.434	3624	3633	3649	rVB	191021	509992	9.12%	2.570%
60	25.515	3808	3817	3827	rVB9	11929	34747	0.62%	0.175%
61	26.737	4017	4025	4033	rBV10	11922	34139	0.61%	0.172%
62	29.011	4409	4412	4417	rBV6	3929	6008	0.11%	0.030%
63	32.178	4947	4951	4954	rBV6	3458	5731	0.10%	0.029%

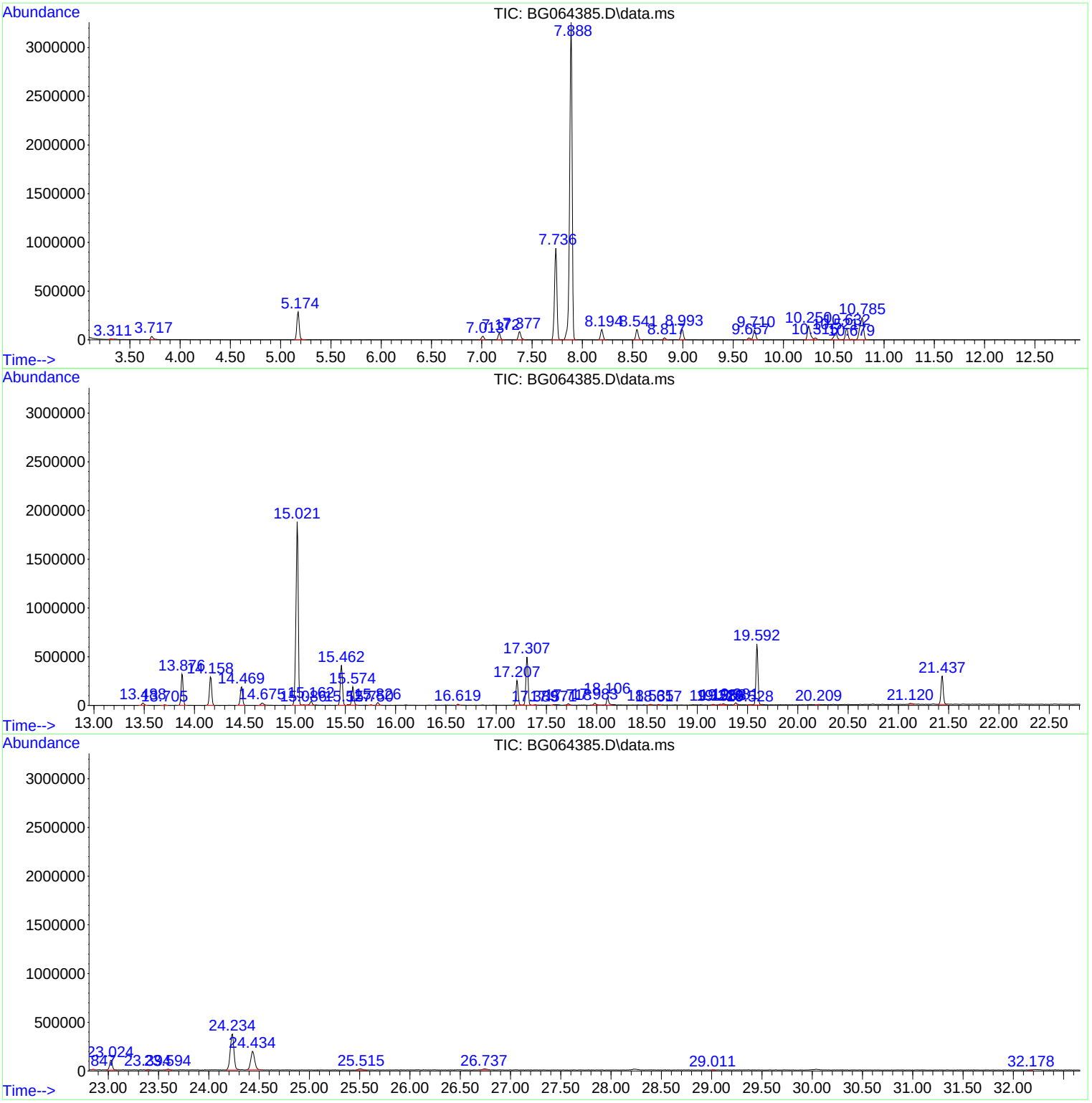
Sum of corrected areas: 19846458

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

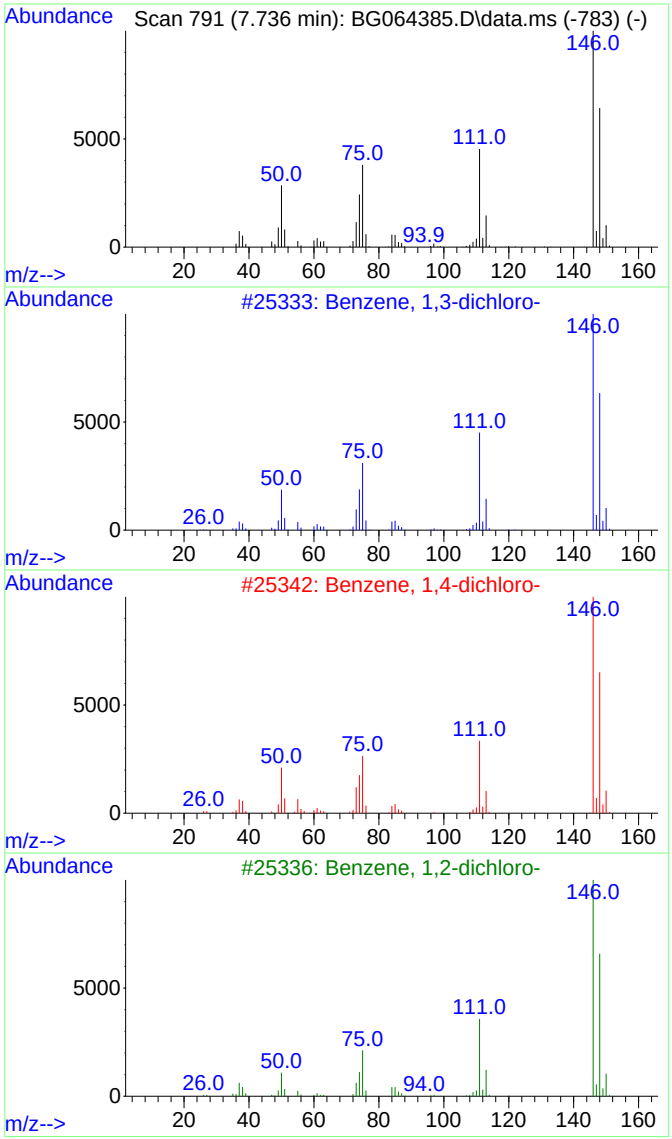
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

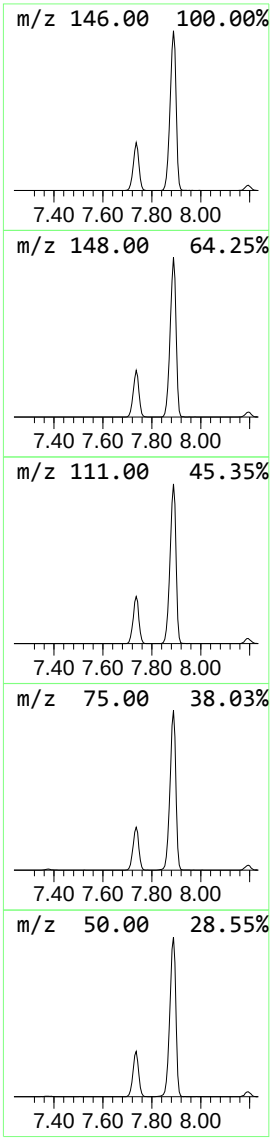
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.736	5.52 ng/ul	1542310	1,4-Dichlorobenzene-d4	7.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

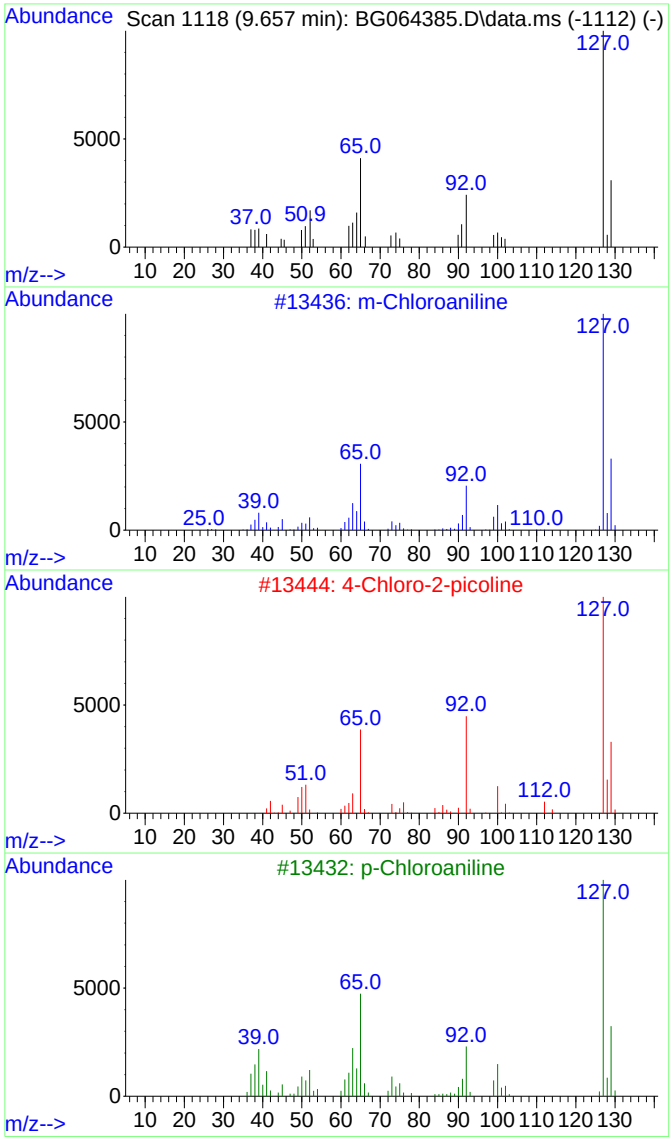
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

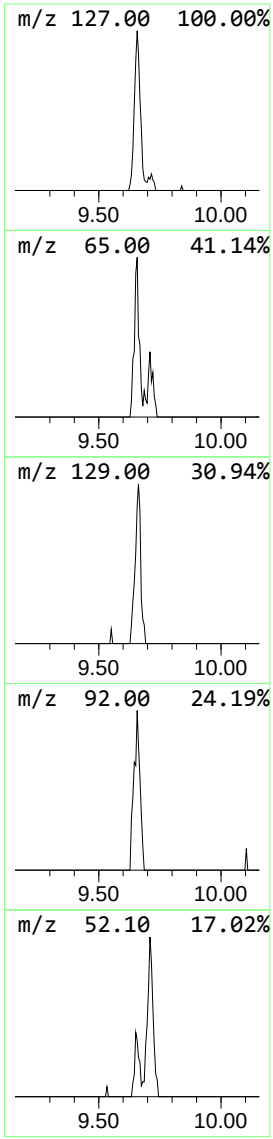
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 m-Chloroaniline Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	3.46 ng/ul	35341	Naphthalene-d8	10.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Chloroaniline	127	C6H6ClN	000108-42-9	91
2	4-Chloro-2-picoline	127	C6H6ClN	003678-63-5	91
3	p-Chloroaniline	127	C6H6ClN	000106-47-8	90
4	o-Chloroaniline	127	C6H6ClN	000095-51-2	87
5	o-Chloroaniline	127	C6H6ClN	000095-51-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

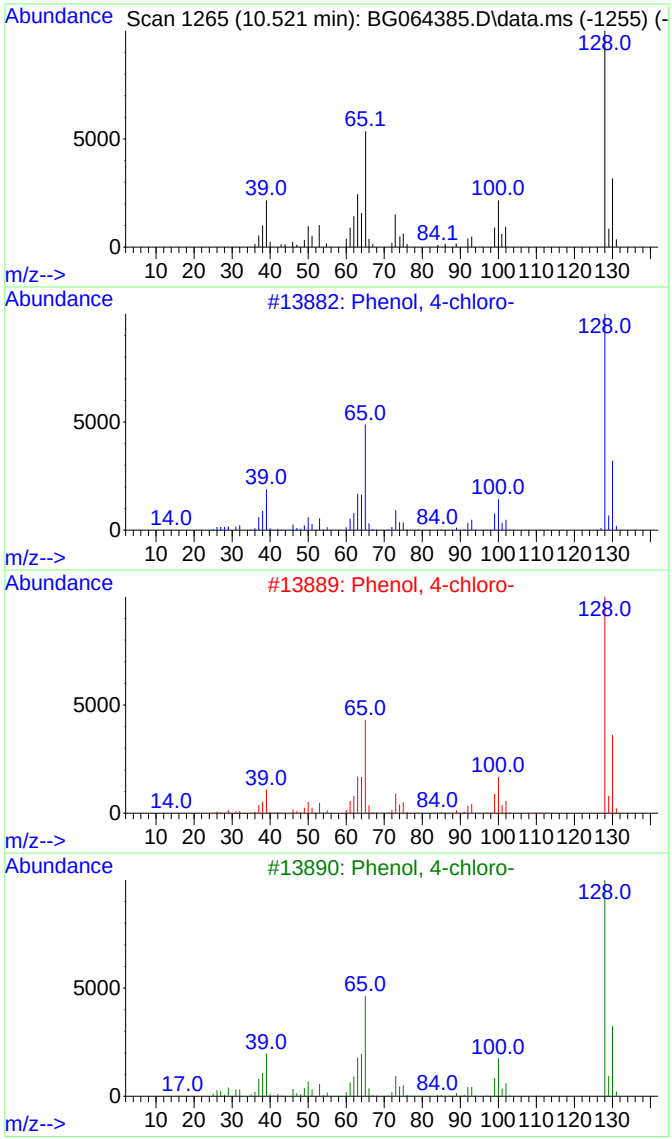
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

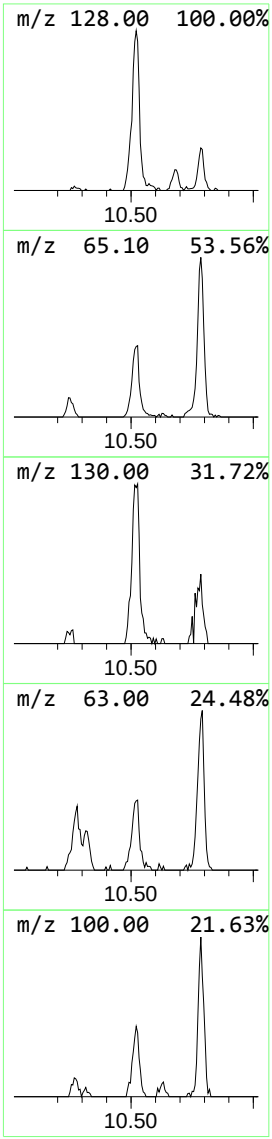
****

Peak Number 3 Phenol, 4-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.521	15.88 ng/ul	162128	Naphthalene-d8	10.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-chloro-	128	C6H5ClO	000106-48-9	97
2	Phenol, 4-chloro-	128	C6H5ClO	000106-48-9	96
3	Phenol, 4-chloro-	128	C6H5ClO	000106-48-9	96
4	Phenol, 4-chloro-	128	C6H5ClO	000106-48-9	95
5	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

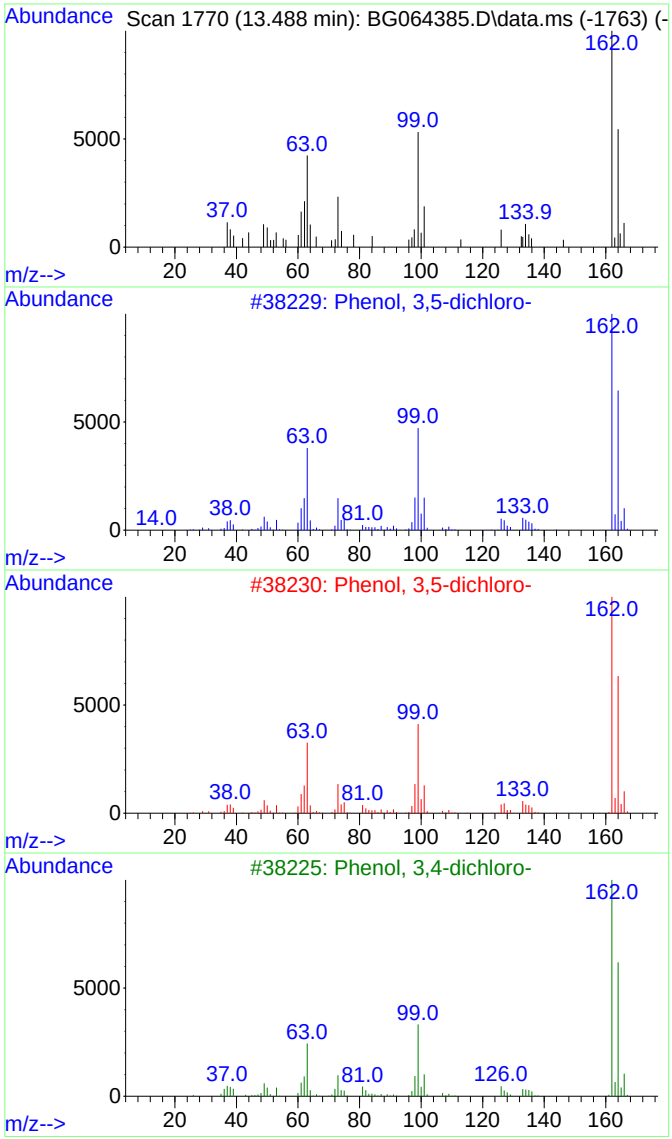
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

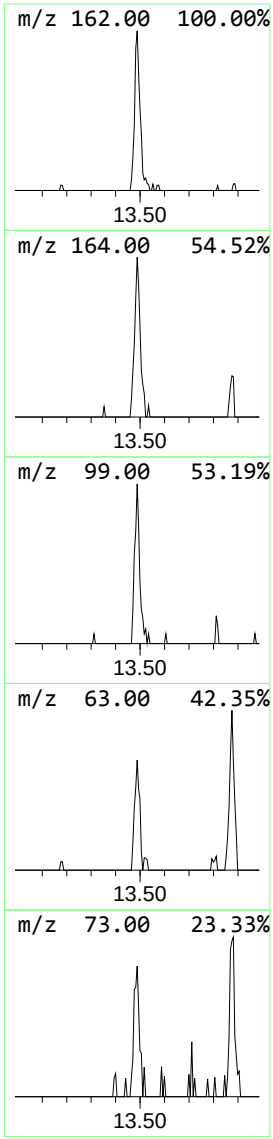
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 3,5-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.488	2.61 ng/ul	39291	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	93
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	90
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

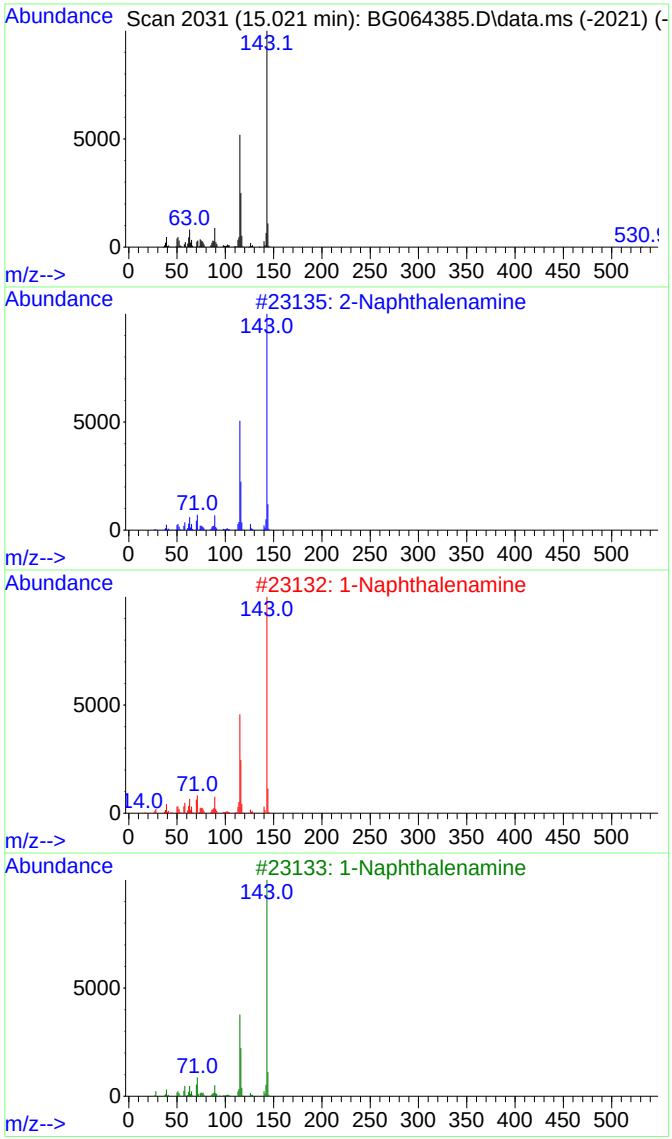
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

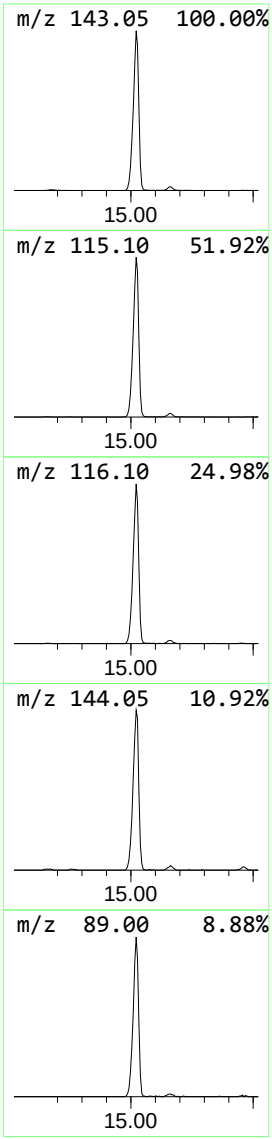
****

Peak Number 5 2-Naphthalenamine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	198.01 ng/ul	2980600	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenamine	143	C10H9N	000091-59-8	97
2	1-Naphthalenamine	143	C10H9N	000134-32-7	96
3	1-Naphthalenamine	143	C10H9N	000134-32-7	95
4	2-Naphthalenamine	143	C10H9N	000091-59-8	94
5	2-Naphthalenamine	143	C10H9N	000091-59-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

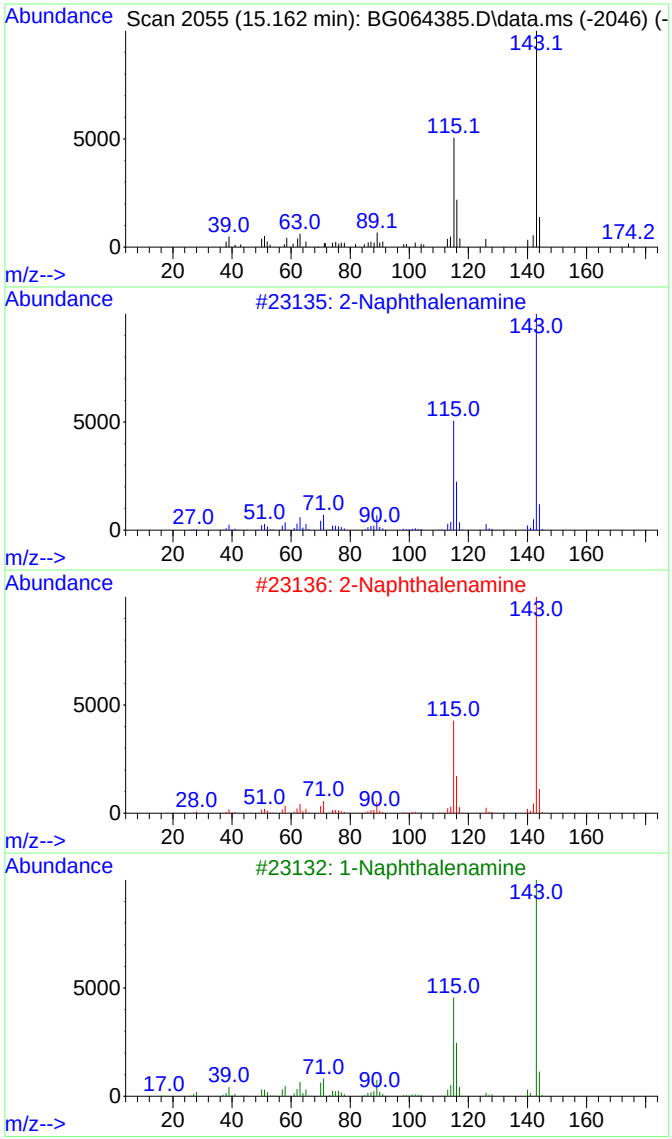
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

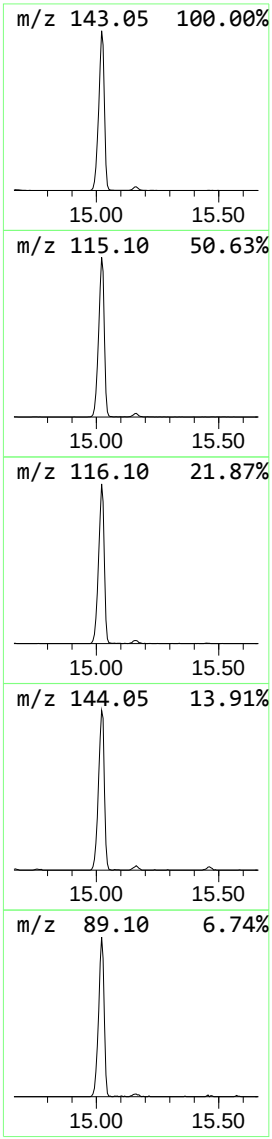
****

Peak Number 6 1-Naphthalenamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.162	4.51 ng/ul	67897	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenamine	143	C10H9N	000091-59-8	97
2	2-Naphthalenamine	143	C10H9N	000091-59-8	95
3	1-Naphthalenamine	143	C10H9N	000134-32-7	95
4	1-Naphthalenamine	143	C10H9N	000134-32-7	94
5	2-Naphthalenamine	143	C10H9N	000091-59-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

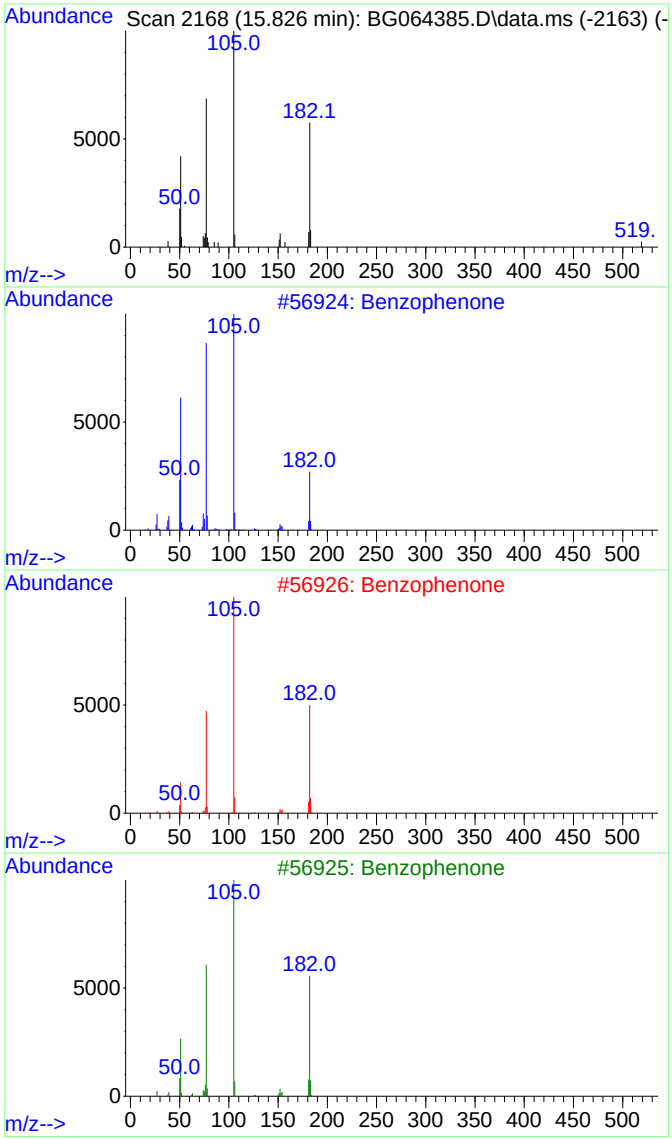
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

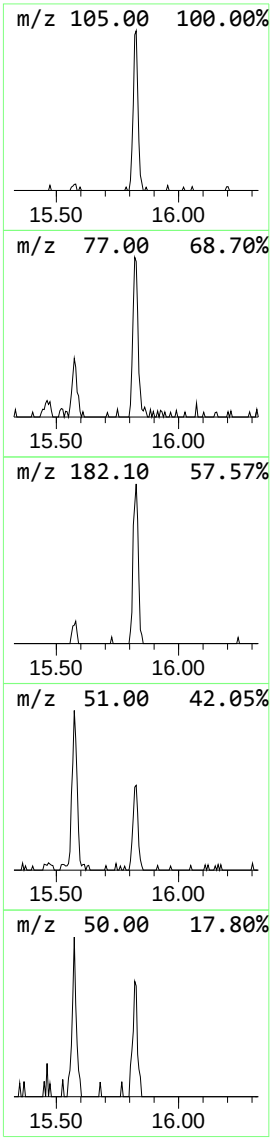
****

Peak Number 7 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.826	2.54 ng/ul	38308	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	Benzophenone	182	C13H10O	000119-61-9	91
3	Benzophenone	182	C13H10O	000119-61-9	87
4	Benzophenone	182	C13H10O	000119-61-9	74
5	Azobenzene, (E)-	182	C12H10N2	017082-12-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

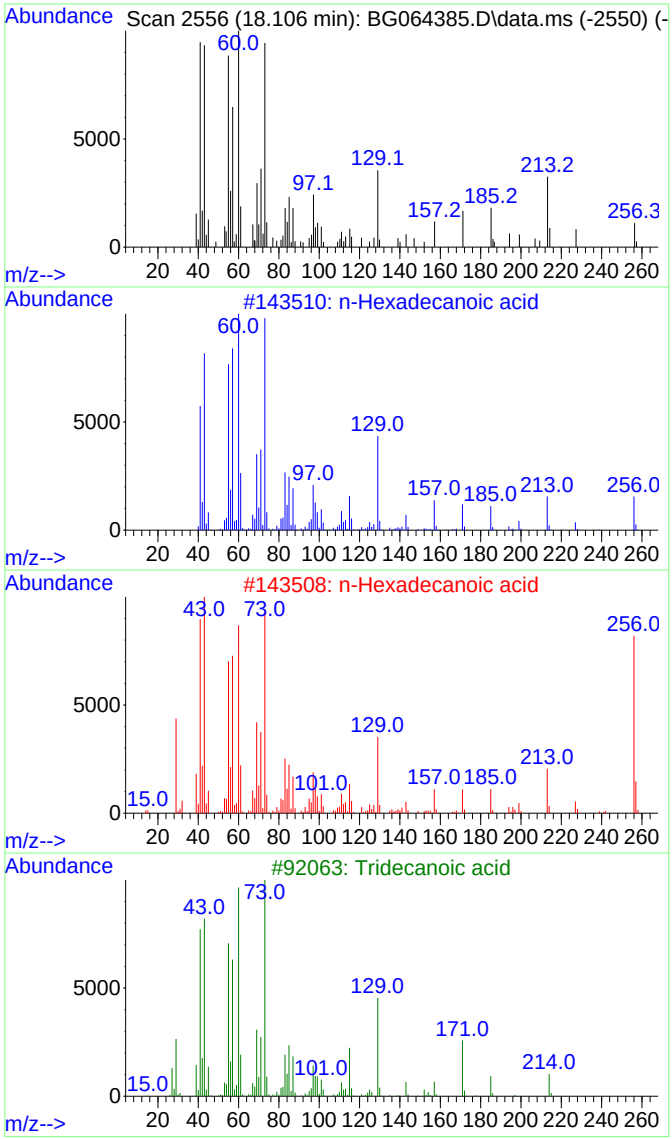
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

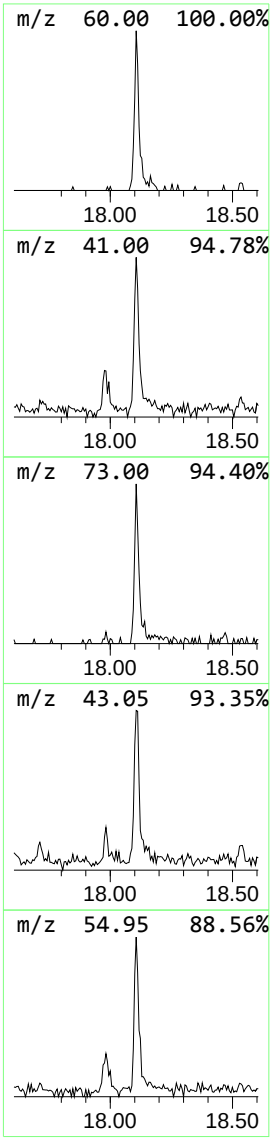
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.106	6.11 ng/ul	112081	Phenanthrene-d10	17.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Undecanoic acid	186	C11H22O2	000112-37-8	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

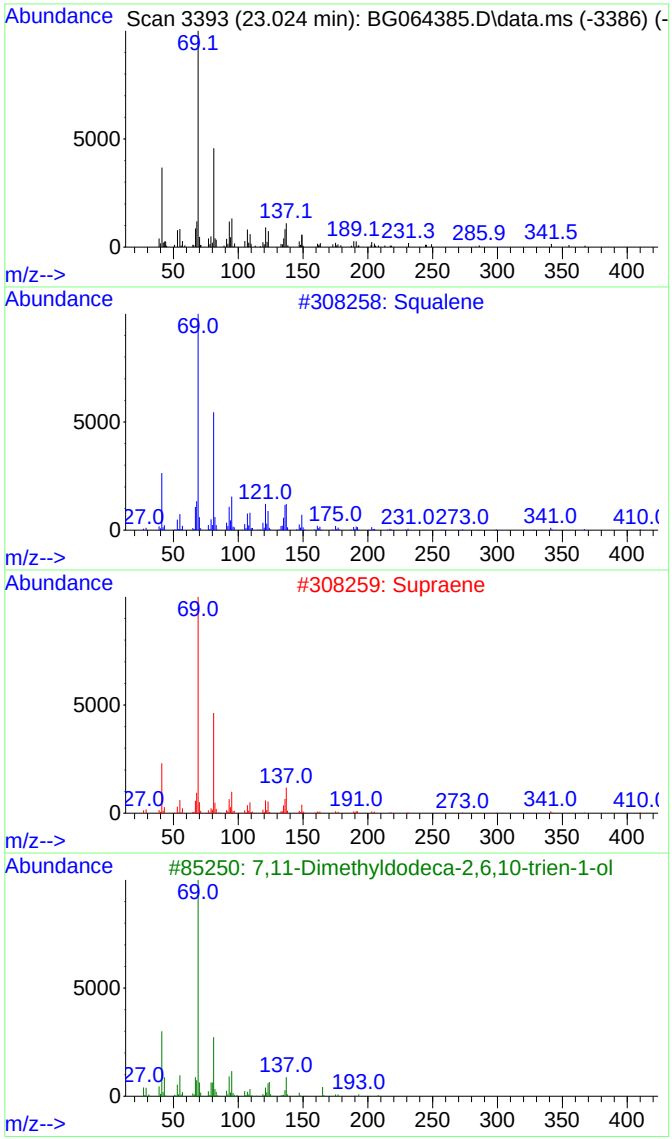
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

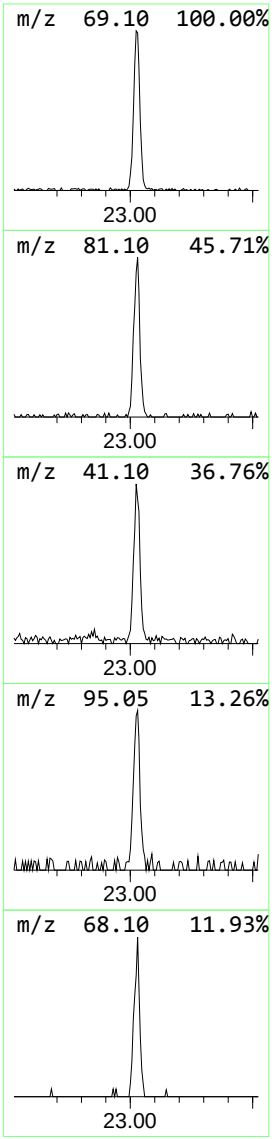
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.024	7.46 ng/ul	190178	Perylene-d12	24.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	86
2	Supraene	410	C30H50	007683-64-9	83
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	(3E,7E)-4,8,12-Trimethyltrideca-...	218	C16H26	062235-06-7	64
5	trans-Farnesol	222	C15H26O	000106-28-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064385.D
Acq On : 16 Sep 2025 14:43
Operator : RC/JU
Sample : Q3084-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-9S(20250909)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-di...	7.736	5.5	ng/ul	1542310	1	7.847	5591470	20.0
m-Chloroaniline	9.657	3.5	ng/ul	35341	2	10.632	204256	20.0
Phenol, 4-chloro-	10.521	15.9	ng/ul	162128	2	10.632	204256	20.0
Phenol, 3,5-dic...	13.488	2.6	ng/ul	39291	3	14.469	301048	20.0
2-Naphthalenamine	15.021	198.0	ng/ul	2980600	3	14.469	301048	20.0
1-Naphthalenamine	15.162	4.5	ng/ul	67897	3	14.469	301048	20.0
Benzophenone	15.826	2.5	ng/ul	38308	3	14.469	301048	20.0
n-Hexadecanoic ...	18.106	6.1	ng/ul	112081	4	17.207	366956	20.0
Squalene	23.024	7.5	ng/ul	190178	6	24.434	509992	20.0