LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091625\
Data File : BN037736.D
Acq On : 16 Sep 2025 17:26
Operator : RC/JU
Sample : Q3084-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP(20250910)

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_N\Methods\SFAM-EPA-BN091225.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN037736.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.264	25	30	33	rBV	56356	70742	0.92%	0.123%
2	3.299	33	36	45	rVB	101982	129436	1.68%	0.225%
3	3.546	73	78	82	rBV7	7816	12197	0.16%	0.021%
4	3.675	96	100	116	rBV	293450	452279	5.87%	0.787%
5	4.017	153	158	162	rBV	17665	23741	0.31%	0.041%
6	4.411	221	225	230	rVB	21513	31916	0.41%	0.056%
7	4.928	308	313	319	rVB	23461	35107	0.46%	0.061%
8	5.146	343	350	359	rBV	518185	788857	10.25%	1.372%
9	5.493	402	409	413	rVV6	4639	8211	0.11%	0.014%
10	5.764	450	455	461	rVB5	7753	11746	0.15%	0.020%
11	6.540	580	587	597	rBV	18451	32325	0.42%	0.056%
12	6.987	656	663	672	rBV	231518	373272	4.85%	0.649%
13	7.158	684	692	703	rBV	711023	1103363	14.33%	1.920%
14	7.252	703	708	713	rVB	9803	15792	0.21%	0.027%
15	7.364	719	727	736	rBV	747216	1185694	15.40%	2.063%
16	7.446	736	741	749	rVB2	31996	57483	0.75%	0.100%
17	7.722	781	788	796	rBV	1023721	1623466	21.09%	2.824%
18	7.834	800	807	809	rVV	725775	1151155	14.95%	2.003%
19	7.869	809	813	826	rVB	4783856	7699313	100.00%	13.394%
20	8.187	861	867	876	rVB	71647	120224	1.56%	0.209%
21	8.534	918	926	937	rBV	665864	1038497	13.49%	1.807%
22	8.987	996	1003	1012	rVB	796787	1293774	16.80%	2.251%
23	9.316	1053	1059	1065	rBV2	19090	32321	0.42%	0.056%
24	9.481	1082	1087	1091	rVB5	8677	15041	0.20%	0.026%
25	9.716	1120	1127	1134	rBV	541344	861878	11.19%	1.499%
26	9.775	1134	1137	1143	rVB5	8235	12783	0.17%	0.022%
27	9.999	1169	1175	1181	rBV3	16120	27247	0.35%	0.047%
28	10.257	1210	1219	1226	rBV	988420	1663391	21.60%	2.894%
29	10.322	1226	1230	1239	rVB	61365	107683	1.40%	0.187%
30	10.510	1256	1262	1270	rBV4	10373	22163	0.29%	0.039%
31	10.640	1277	1284	1294	rBV	935243	1561963	20.29%	2.717%
32	10.769	1297	1306	1320	rBV	986760	1682049	21.85%	2.926%
33	10.875	1320	1324	1333	rVB8	6046	11189	0.15%	0.019%
34	11.187	1373	1377	1381	rBV4	5567	9025	0.12%	0.016%
35	11.334	1398	1402	1407	rBV2	7167	9874	0.13%	0.017%
36	11.422	1413	1417	1422	rBV5	4321	8901	0.12%	0.015%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q3084-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP(20250910)

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_N\Methods\SFAM-EPA-BN091225.MA.M
Title : SVOA CALIBRATION

37	12.234	1552	1555	1561	rVB2	15073	21924	0.28%	0.038%
38	13.898	1831	1838	1845	rBV	1761188	2459625	31.95%	4.279%
39	14.128	1873	1877	1880	rBV	22580	31092	0.40%	0.054%
40	14.187	1880	1887	1895	rVV	1995599	3016510	39.18%	5.248%
41	14.281	1899	1903	1909	rVB6	8270	16348	0.21%	0.028%
42	14.428	1922	1928	1933	rBV	73610	102434	1.33%	0.178%
43	14.493	1933	1939	1946	rVV	1272016	1817516	23.61%	3.162%
44	14.563	1946	1951	1954	rVV6	9664	13175	0.17%	0.023%
45	14.610	1954	1959	1963	rVV2	15089	24918	0.32%	0.043%
46	14.669	1963	1969	1983	rVV	184496	293516	3.81%	0.511%
47	14.775	1983	1987	1991	rVV7	5007	9056	0.12%	0.016%
48	14.845	1991	1999	2002	rVV6	7324	19325	0.25%	0.034%
49	14.875	2002	2004	2007	rVV2	7023	8642	0.11%	0.015%
50	14.910	2007	2010	2014	rVB4	7303	8345	0.11%	0.015%
51	15.034	2024	2031	2037	rBV	215262	314080	4.08%	0.546%
52	15.181	2049	2056	2061	rBV2	19215	32710	0.42%	0.057%
53	15.240	2061	2066	2074	rVV	67939	100239	1.30%	0.174%
54	15.316	2074	2079	2084	rVB8	5516	7977	0.10%	0.014%
55	15.487	2101	2108	2117	rBV	2699658	3805638	49.43%	6.621%
56	15.592	2119	2126	2136	rBV	547646	753231	9.78%	1.310%
57	15.728	2145	2149	2154	rVB3	13149	18526	0.24%	0.032%
58	15.851	2164	2170	2177	rVB	154620	210567	2.73%	0.366%
59	16.051	2200	2204	2209	rBV8	4383	8099	0.11%	0.014%
60	16.410	2258	2265	2271	rBV8	6443	15397	0.20%	0.027%
61	17.022	2362	2369	2373	rBV4	8382	15590	0.20%	0.027%
62	17.239	2400	2406	2413	rBV2	1390060	1931991	25.09%	3.361%
63	17.339	2416	2423	2434	rVV	2989428	4203994	54.60%	7.314%
64	17.428	2434	2438	2445	rVB9	5139	9834	0.13%	0.017%
65	17.610	2464	2469	2472	rBV5	5450	9946	0.13%	0.017%
66	18.016	2534	2538	2541	rBV5	8958	11433	0.15%	0.020%
67	18.145	2555	2560	2568	rBV2	69068	104816	1.36%	0.182%
68	18.216	2568	2572	2578	rVB	19489	28983	0.38%	0.050%
69	18.610	2636	2639	2646	rVB9	10315	18259	0.24%	0.032%
70	18.998	2701	2705	2711	rBV9	9468	17444	0.23%	0.030%
71	19.192	2734	2738	2744	rBV	36138	57383	0.75%	0.100%
72	19.263	2746	2750	2754	rVV	35180	52059	0.68%	0.091%
73	19.304	2754	2757	2760	rVB5	14646	16442	0.21%	0.029%
74	19.422	2774	2777	2781	rBV4	18574	23567	0.31%	0.041%
75	19.628	2806	2812	2823	rBV	3536686	4730352	61.44%	8.229%
76	21.169	3072	3074	3082	rVB9	30265	46295	0.60%	0.081%

LSC Area Percent Report

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Data File : BN037736.D
Acq On : 16 Sep 2025 17:26
Operator : RC/JU
Sample : Q3084-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP(20250910)

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_N\Methods\SFAM-EPA-BN091225.MA.M
Title : SVOA CALIBRATION

77	21.486	3122	3128	3136	rBV	1423859	2138194	27.77%	3.720%
78	24.363	3608	3617	3631	rBV	2104564	5306244	68.92%	9.231%
79	24.574	3644	3653	3663	rBV	937342	2365633	30.73%	4.115%

Sum of corrected areas: 57481447

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Data File : BN037736.D
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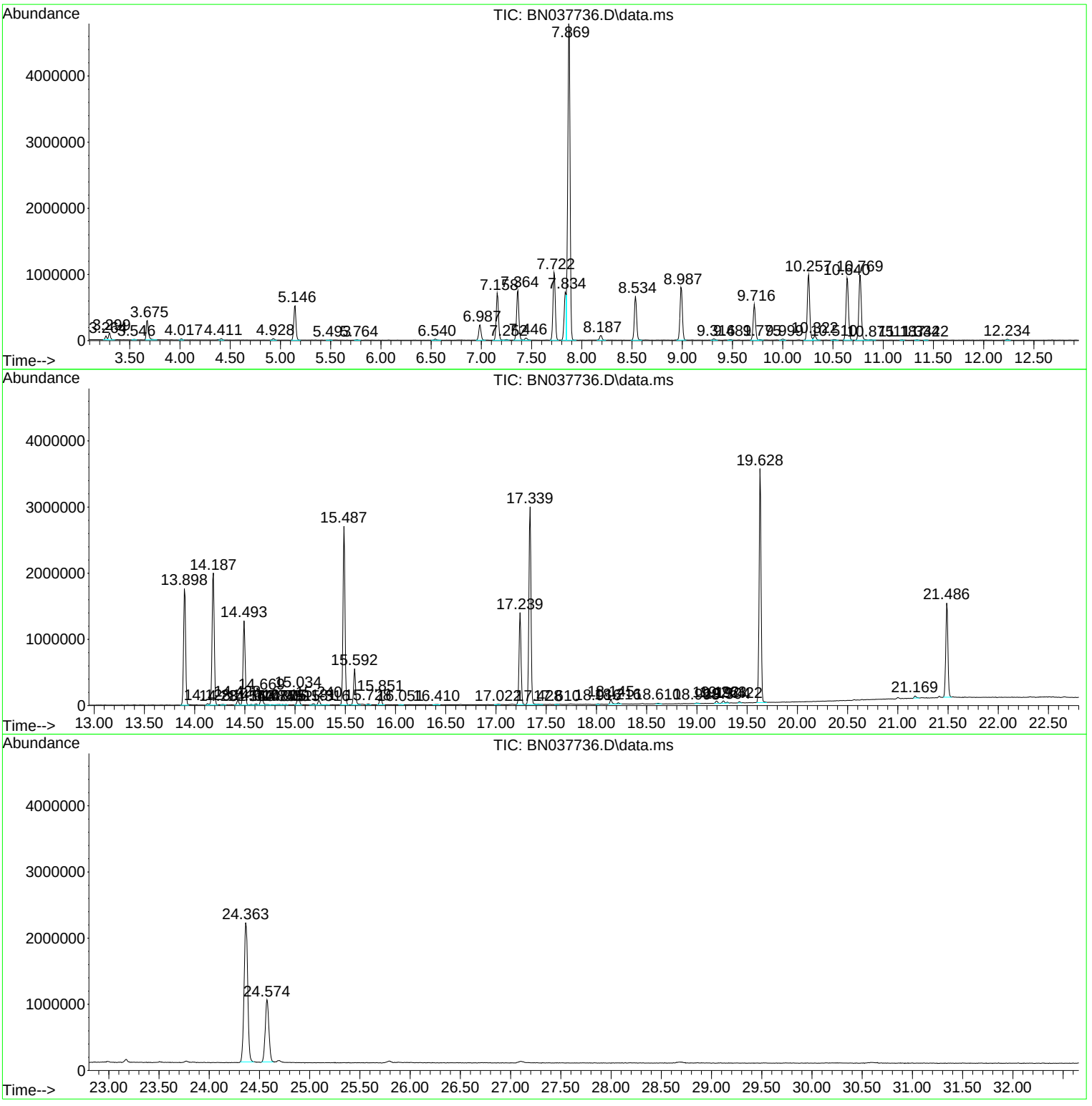
Operator : RC/JU
Sample : Q3084-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP(20250910)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091625\
Data File : BN037736.D
Acq On : 16 Sep 2025 17:26
Operator : RC/JU
Sample : Q3084-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP(20250910)

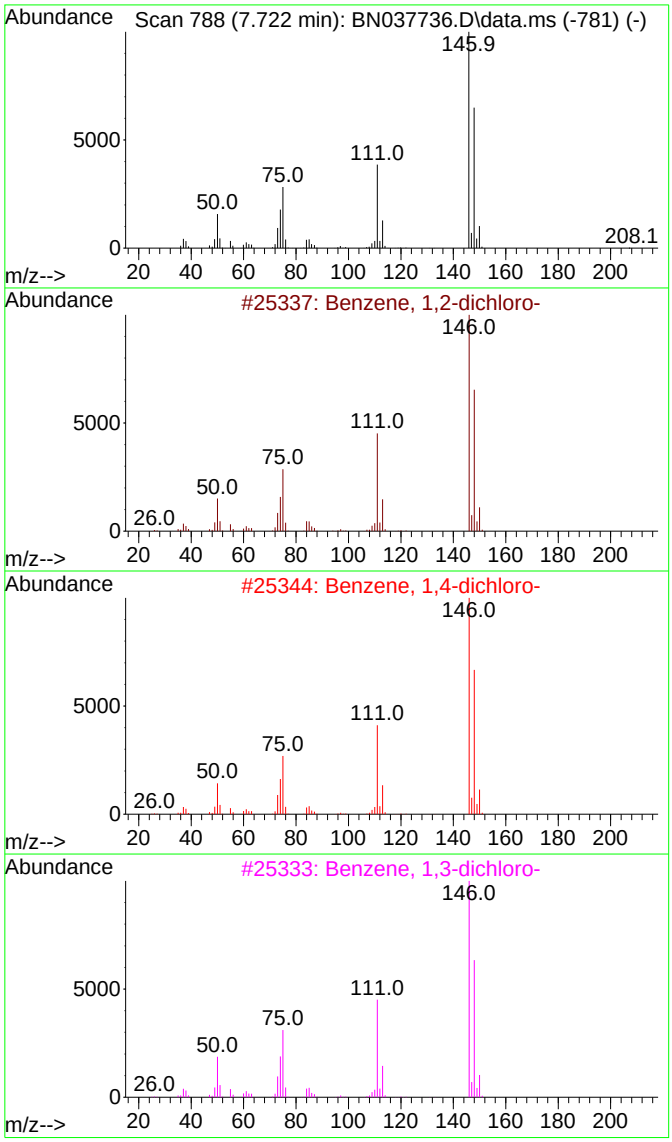
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION

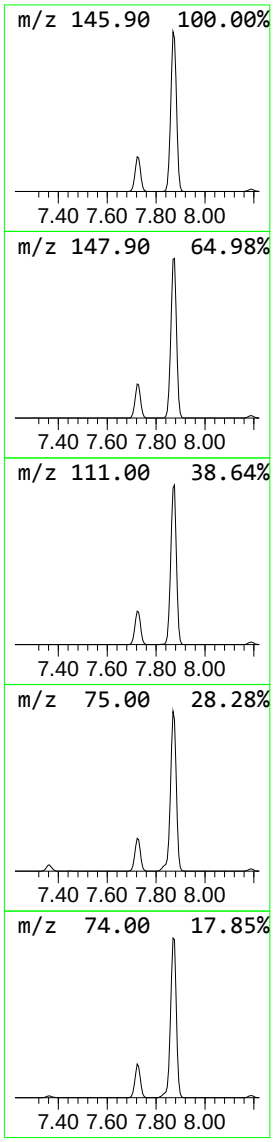
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	28.21 ng/ul	1623470	1,4-Dichlorobenzene-d4	7.834

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091625\
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Acq On : 16 Sep 2025 17:26
Operator : RC/JU
Sample : Q3084-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP(20250910)

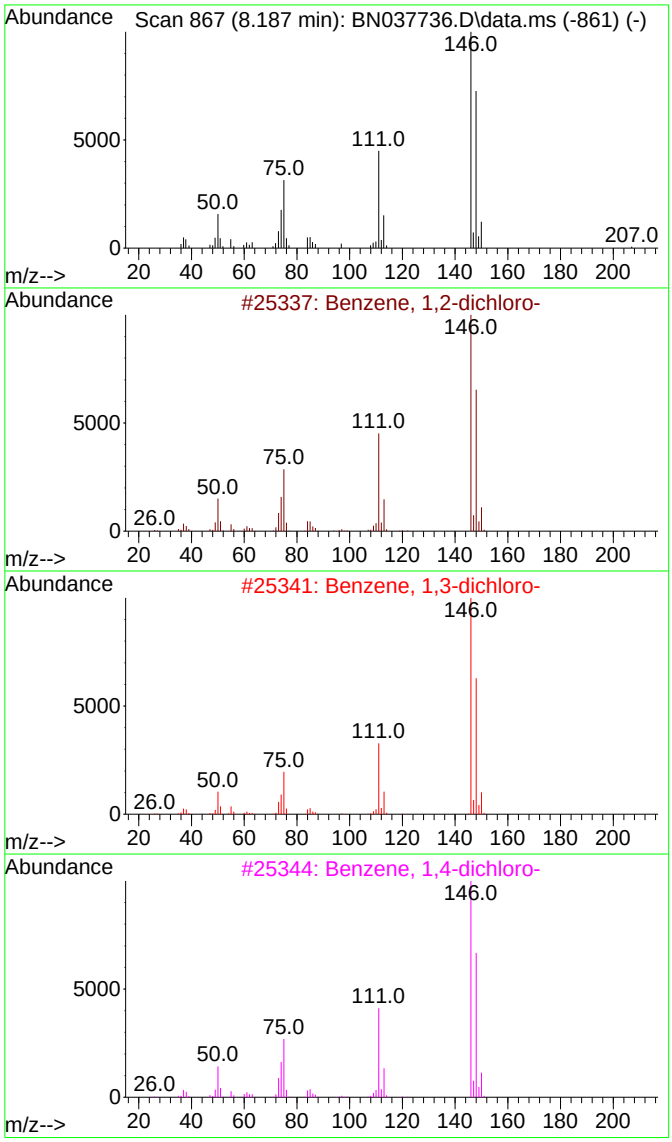
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION

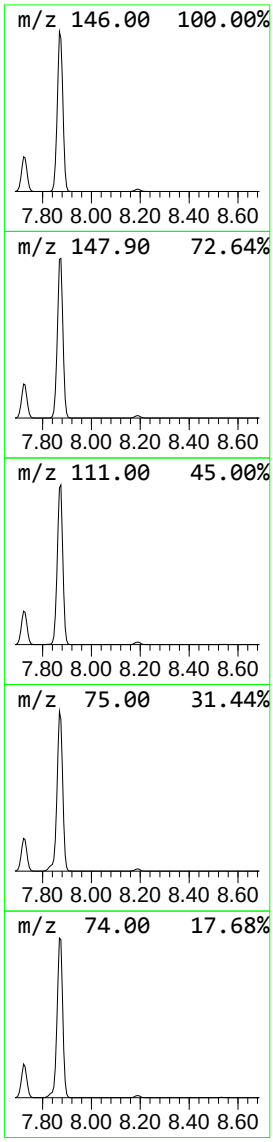
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.187	2.09 ng/ul	120224	1,4-Dichlorobenzene-d4	7.834

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091625\
Data File : BN037736.D
Acq On : 16 Sep 2025 17:26
Operator : RC/JU
Sample : Q3084-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP(20250910)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION

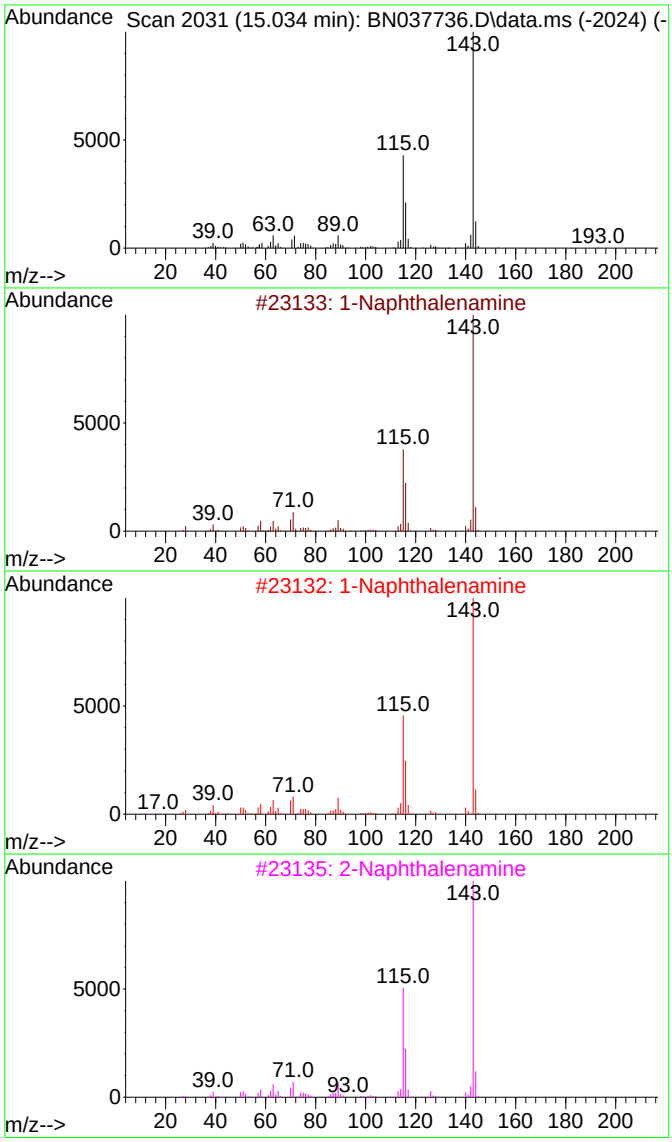
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

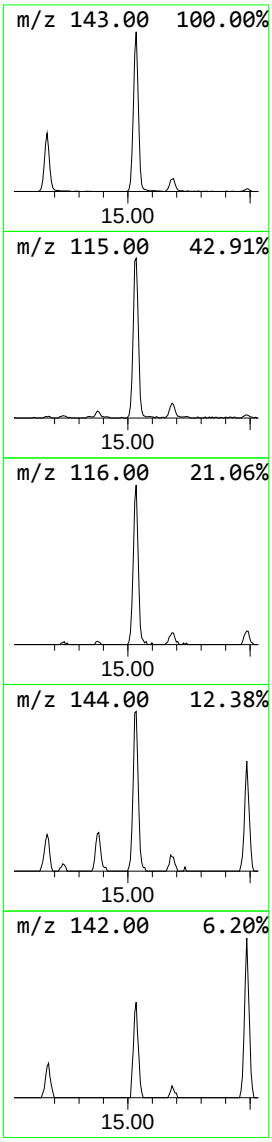
****

Peak Number 4 1-Naphthalenamine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.034	3.46 ng/ul	314080	Acenaphthene-d10	14.493

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091625\
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Sample : Q3084-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP(20250910)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION

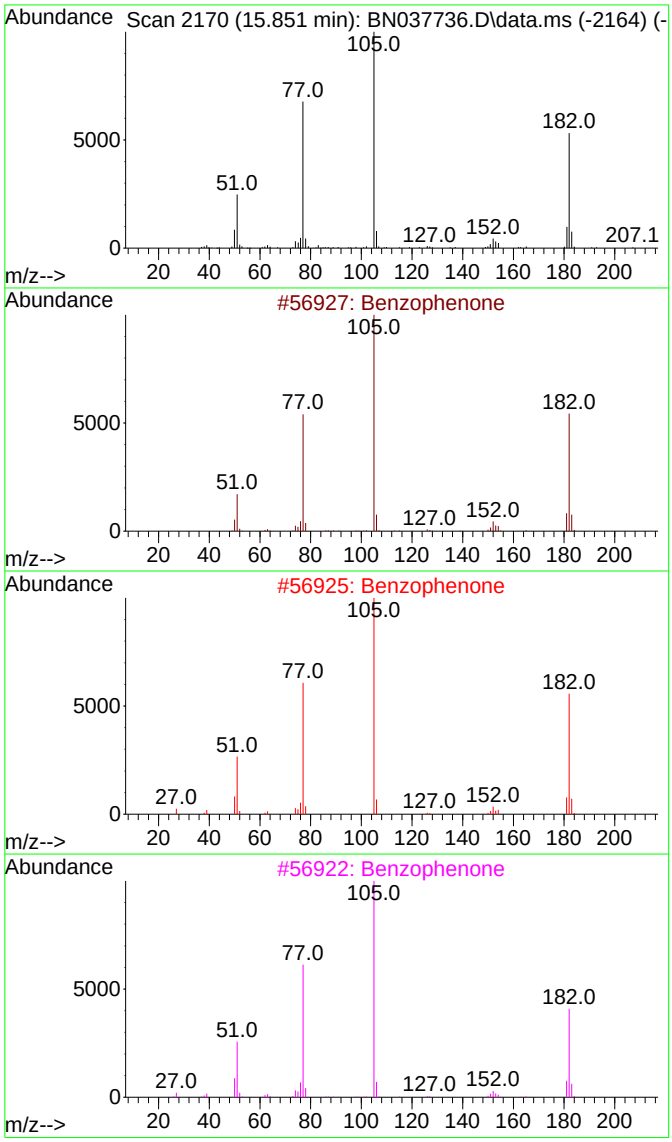
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

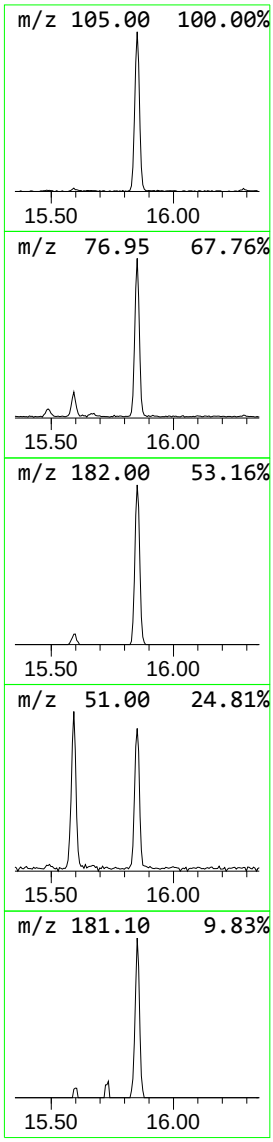
****

Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.851	2.32 ng/ul	210567	Acenaphthene-d10	14.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091625\
Data File : BN037736.D
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Misc :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.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, 1,2-di...	7.722	28.2	ng/ul	1623470	1	7.834	1151160	20.0
Benzene, 1,3-di...	8.187	2.1	ng/ul	120224	1	7.834	1151160	20.0
1-Naphthalenamine	15.034	3.5	ng/ul	314080	3	14.493	1817520	20.0
Benzophenone	15.851	2.3	ng/ul	210567	3	14.493	1817520	20.0