LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022390.D
Acq On : 28 Oct 2022 19:02
Operator : CG/JU
Sample : N5233-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHA76

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-BN101222.M
Title : SVOA CALIBRATION

Signal : TIC: BN022390.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	38	42	53	rBV	33576	48285	1.27%	0.115%
2	3.675	114	117	135	rBV	213262	351680	9.23%	0.834%
3	3.911	150	157	163	rBV	26164	43608	1.14%	0.103%
4	4.005	169	173	181	rVB	42259	62018	1.63%	0.147%
5	4.987	332	340	344	rBV3	11471	25554	0.67%	0.061%
6	5.181	366	373	383	rVB	246371	378800	9.94%	0.898%
7	5.375	400	406	414	rVV	120596	181204	4.76%	0.430%
8	5.511	424	429	438	rVV	27683	67786	1.78%	0.161%
9	5.893	487	494	499	rBV	19502	30847	0.81%	0.073%
10	6.381	570	577	583	rBV	43780	67629	1.78%	0.160%
11	6.881	655	662	669	rBV	22150	34351	0.90%	0.081%
12	7.081	687	696	709	rBV	150240	280665	7.37%	0.666%
13	7.252	718	725	731	rBV	670007	1033665	27.14%	2.452%
14	7.299	731	733	737	rVV	24653	29529	0.78%	0.070%
15	7.446	748	758	767	rBV	574584	934636	24.54%	2.217%
16	7.558	775	777	783	rVB2	11076	15397	0.40%	0.037%
17	7.816	818	821	827	rVB	7581	11435	0.30%	0.027%
18	7.922	829	839	854	rBV	628508	1040258	27.31%	2.467%
19	8.034	854	858	870	rVB3	9354	17421	0.46%	0.041%
20	8.316	895	906	909	rBV2	182817	346874	9.11%	0.823%
21	8.357	909	913	920	rVV	351914	564742	14.83%	1.339%
22	8.416	920	923	927	rVV	20129	30084	0.79%	0.071%
23	8.469	927	932	939	rVB	28485	46206	1.21%	0.110%
24	8.557	939	947	955	rBV3	32533	66985	1.76%	0.159%
25	8.646	955	962	971	rVV	455410	751174	19.72%	1.782%
26	8.740	973	978	986	rVB3	11399	23319	0.61%	0.055%
27	8.999	1016	1022	1025	rBV	19906	33097	0.87%	0.078%
28	9.034	1025	1028	1033	rVB	14663	21991	0.58%	0.052%
29	9.105	1033	1040	1051	rBV	762092	1258043	33.03%	2.984%
30	9.493	1103	1106	1111	rVV3	7033	11605	0.30%	0.028%
31	9.563	1111	1118	1123	rVV2	8989	15804	0.41%	0.037%
32	9.628	1123	1129	1134	rVB	9570	15246	0.40%	0.036%
33	9.828	1157	1163	1171	rBV	552315	946960	24.86%	2.246%
34	9.893	1171	1174	1181	rVB7	7784	14829	0.39%	0.035%
35	9.993	1186	1191	1199	rBV4	13840	30015	0.79%	0.071%
36	10.110	1206	1211	1214	rBV	11137	18611	0.49%	0.044%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5233-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHA76

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-BN101222.M
Title : SVOA CALIBRATION

37	10.157	1214	1219	1225	rVB3	23359	47607	1.25%	0.113%
38	10.263	1230	1237	1246	rVB8	8017	16971	0.45%	0.040%
39	10.369	1248	1255	1263	rBV	869168	1446501	37.98%	3.431%
40	10.752	1312	1320	1329	rBV	930341	1555079	40.83%	3.688%
41	10.840	1331	1335	1337	rVV3	7455	11151	0.29%	0.026%
42	10.899	1337	1345	1356	rVV	731282	1294018	33.97%	3.069%
43	10.981	1356	1359	1367	rVB6	6359	12783	0.34%	0.030%
44	12.010	1528	1534	1538	rVV5	9544	15580	0.41%	0.037%
45	12.063	1538	1543	1547	rVV	11828	21122	0.55%	0.050%
46	12.104	1547	1550	1557	rVV2	8791	15617	0.41%	0.037%
47	12.346	1585	1591	1598	rVB2	17617	31104	0.82%	0.074%
48	12.540	1617	1624	1638	rBV3	55625	129642	3.40%	0.307%
49	12.969	1689	1697	1704	rVV8	6976	22394	0.59%	0.053%
50	13.198	1731	1736	1743	rBV7	9575	22405	0.59%	0.053%
51	13.428	1773	1775	1782	rVB4	7617	12601	0.33%	0.030%
52	13.810	1832	1840	1846	rBV	104798	157439	4.13%	0.373%
53	13.875	1846	1851	1857	rBV2	10136	21646	0.57%	0.051%
54	14.010	1867	1874	1880	rBV	1628639	2220507	58.30%	5.266%
55	14.063	1880	1883	1891	rVV	28116	50149	1.32%	0.119%
56	14.240	1908	1913	1916	rBV5	11246	21431	0.56%	0.051%
57	14.292	1916	1922	1932	rVB	1896196	2727338	71.60%	6.468%
58	14.598	1967	1974	1982	rVB	1394498	2006883	52.69%	4.760%
59	14.816	2004	2011	2021	rBV	98444	178891	4.70%	0.424%
60	15.004	2039	2043	2050	rVB5	10539	16400	0.43%	0.039%
61	15.075	2050	2055	2065	rBV3	60704	109132	2.87%	0.259%
62	15.187	2065	2074	2094	rBV2	85283	288303	7.57%	0.684%
63	15.339	2096	2100	2104	rBV	44373	63588	1.67%	0.151%
64	15.381	2104	2107	2112	rVB	51459	70341	1.85%	0.167%
65	15.592	2137	2143	2150	rBV2	2652108	3808953	100.00%	9.034%
66	15.716	2158	2164	2176	rBV	713292	1015969	26.67%	2.410%
67	15.828	2177	2183	2185	rVV3	19399	35295	0.93%	0.084%
68	15.857	2185	2188	2194	rVB	41793	59516	1.56%	0.141%
69	16.004	2208	2213	2215	rBV2	12554	18235	0.48%	0.043%
70	16.045	2215	2220	2225	rVB	221629	292231	7.67%	0.693%
71	16.098	2225	2229	2235	rBV2	125961	192160	5.04%	0.456%
72	16.210	2245	2248	2251	rBV3	10240	11859	0.31%	0.028%
73	16.251	2251	2255	2261	rBV6	8079	12972	0.34%	0.031%
74	16.345	2265	2271	2275	rBV3	23699	39609	1.04%	0.094%
75	16.428	2282	2285	2289	rVB	14068	17974	0.47%	0.043%
76	16.486	2289	2295	2301	rBV2	19424	35787	0.94%	0.085%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5233-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHA76

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
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Title : SVOA CALIBRATION

77	16.545	2302	2305	2310	rVB2	12768	16559	0.43%	0.039%
78	16.639	2316	2321	2324	rBV6	12498	20538	0.54%	0.049%
79	16.739	2333	2338	2346	rVB6	16305	39673	1.04%	0.094%
80	16.816	2346	2351	2355	rBV	24415	35263	0.93%	0.084%
81	17.092	2395	2398	2401	rBV5	8632	11094	0.29%	0.026%
82	17.233	2418	2422	2430	rVB7	13630	25342	0.67%	0.060%
83	17.351	2436	2442	2453	rBV	1479382	2158316	56.66%	5.119%
84	17.451	2453	2459	2468	rBV2	2366635	3427077	89.97%	8.128%
85	17.722	2500	2505	2510	rVV2	14180	34531	0.91%	0.082%
86	17.763	2510	2512	2517	rVB2	12153	15634	0.41%	0.037%
87	18.022	2552	2556	2560	rVB	20301	26756	0.70%	0.063%
88	18.245	2590	2594	2599	rBV2	49042	69411	1.82%	0.165%
89	18.480	2631	2634	2638	rBV2	18966	23411	0.61%	0.056%
90	19.316	2773	2776	2784	rVB3	32026	47573	1.25%	0.113%
91	19.386	2784	2788	2795	rBV	29812	44766	1.18%	0.106%
92	19.528	2809	2812	2815	rBV4	12243	14426	0.38%	0.034%
93	19.757	2844	2851	2856	rBV	2372520	3301285	86.67%	7.830%
94	19.804	2856	2859	2865	rVB	32202	48297	1.27%	0.115%
95	19.933	2878	2881	2887	rVB7	13746	16811	0.44%	0.040%
96	20.486	2970	2975	2980	rBV2	144382	190680	5.01%	0.452%
97	21.257	3102	3106	3112	rBV	58040	100128	2.63%	0.237%
98	21.551	3151	3156	3164	rBV	1255068	1609634	42.26%	3.818%
99	23.839	3538	3545	3557	rVB	1185763	2520984	66.19%	5.979%
100	23.998	3566	3572	3581	rVB2	689363	1388651	36.46%	3.293%

Sum of corrected areas: 42164376

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022390.D
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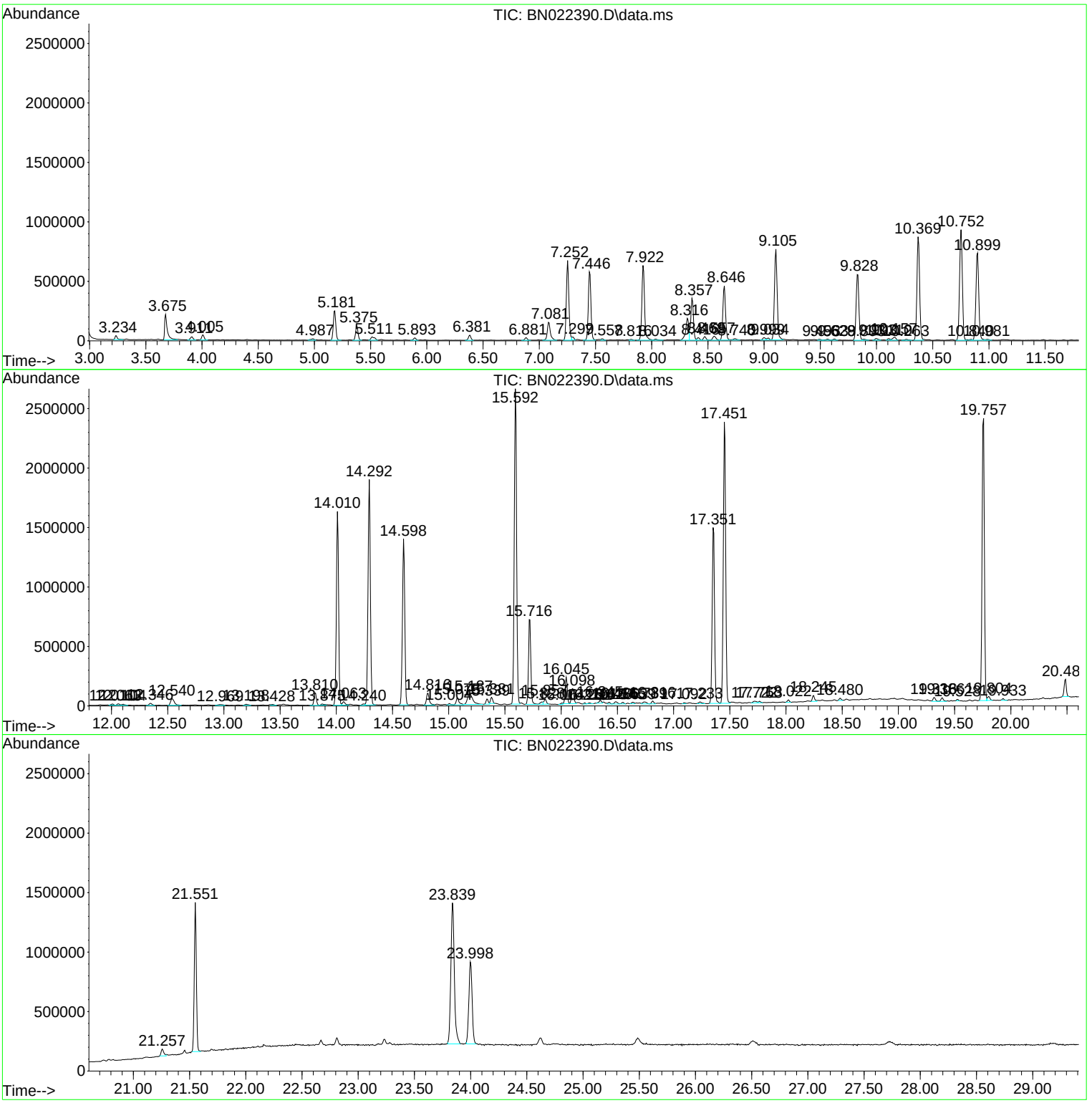
Sample : N5233-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHA76

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022390.D
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Operator : CG/JU
Sample : N5233-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHA76

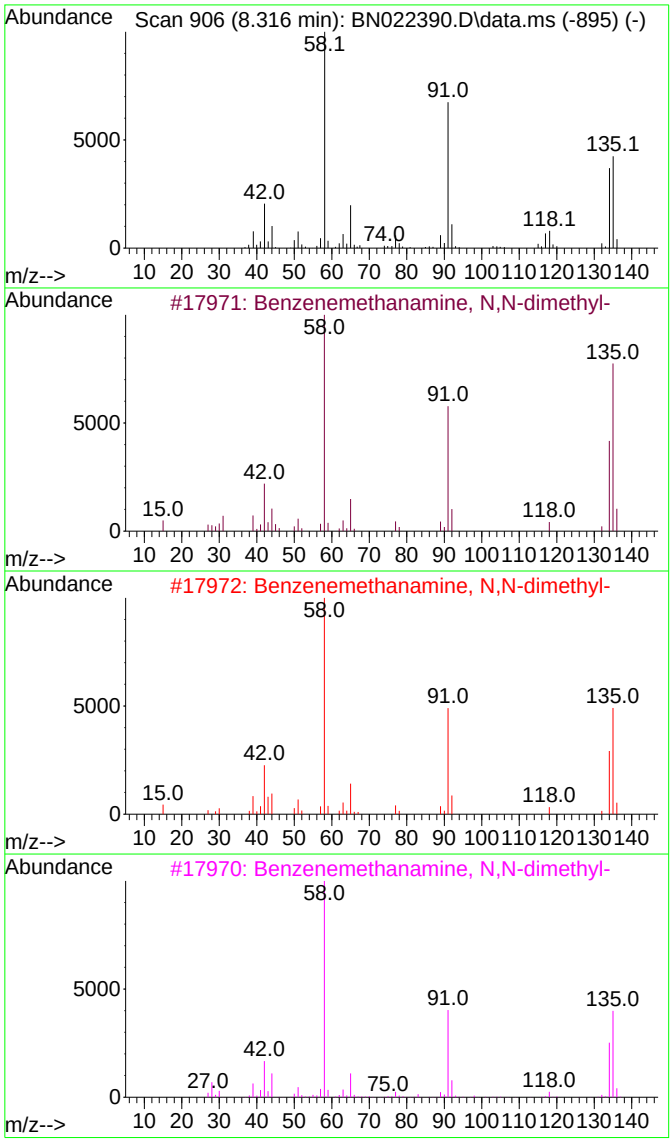
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

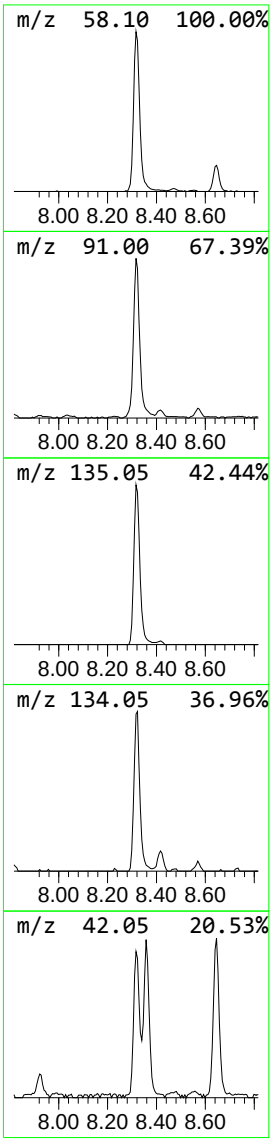
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzenemethanamine, N,N-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.316	6.67 ng/ul	346874	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanamine, N,N-dimethyl-	135	C9H13N	000103-83-3	91
2	Benzenemethanamine, N,N-dimethyl-	135	C9H13N	000103-83-3	90
3	Benzenemethanamine, N,N-dimethyl-	135	C9H13N	000103-83-3	87
4	Benzenemethanamine, N,N-dimethyl-	135	C9H13N	000103-83-3	87
5	Benzenemethanamine, N,N-dimethyl-	135	C9H13N	000103-83-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022390.D
Acq On : 28 Oct 2022 19:02
Operator : CG/JU
Sample : N5233-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHA76

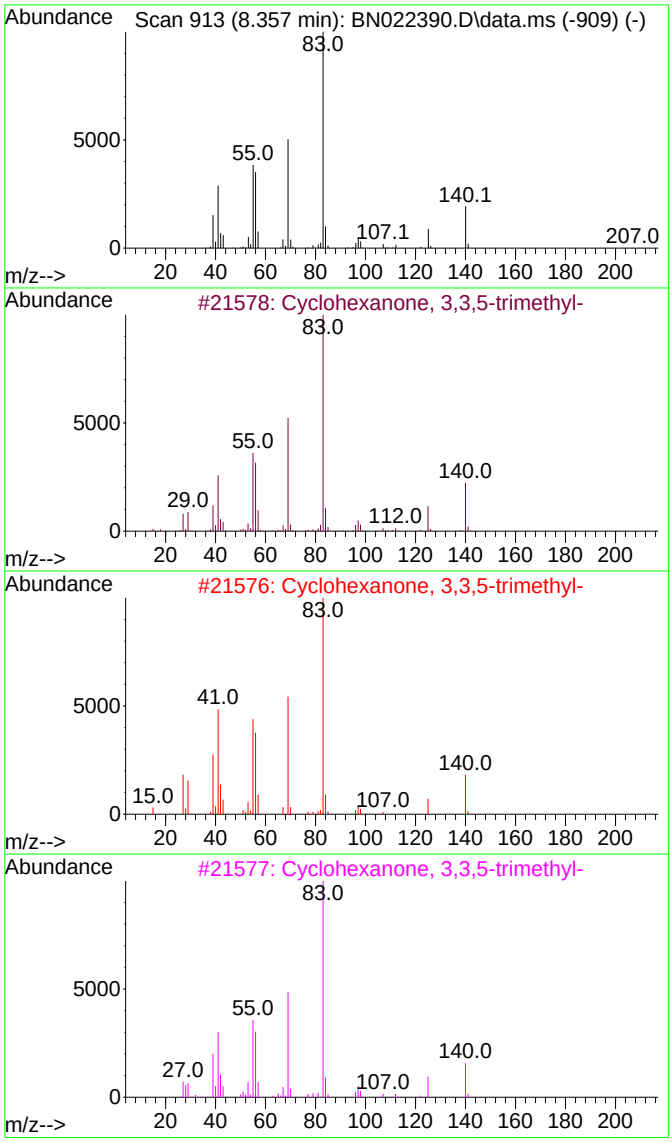
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

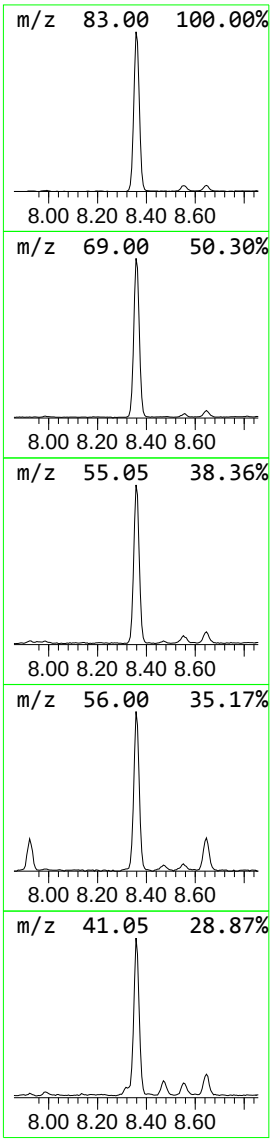
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.357	10.86 ng/ul	564742	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	94
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	94
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	93
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022390.D
Acq On : 28 Oct 2022 19:02
Operator : CG/JU
Sample : N5233-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

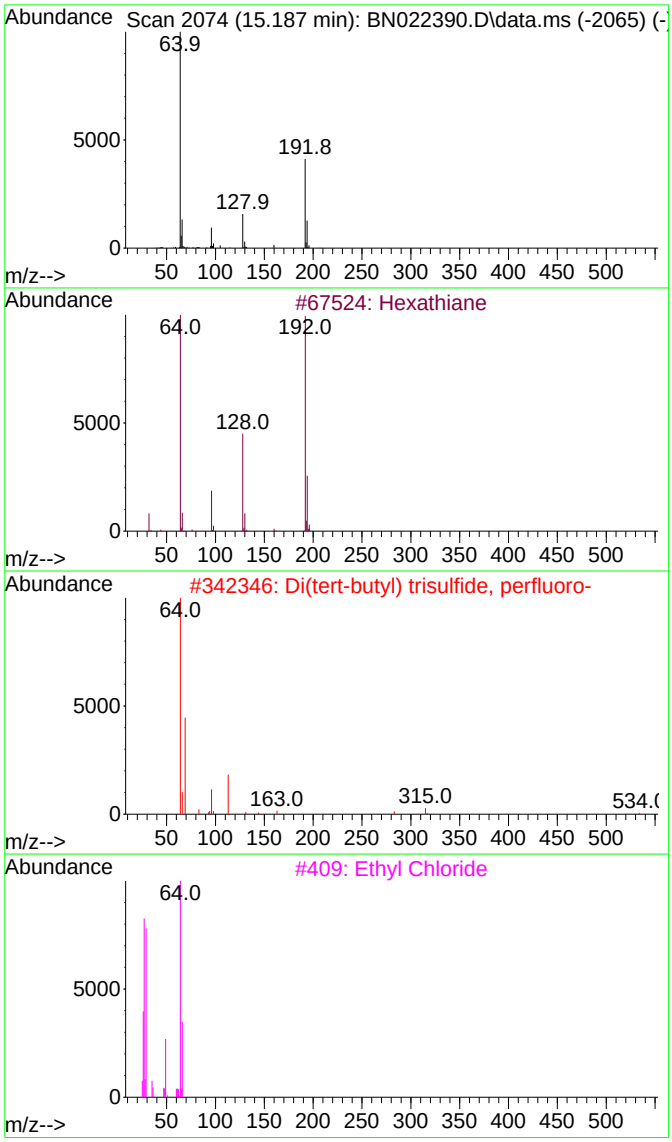
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

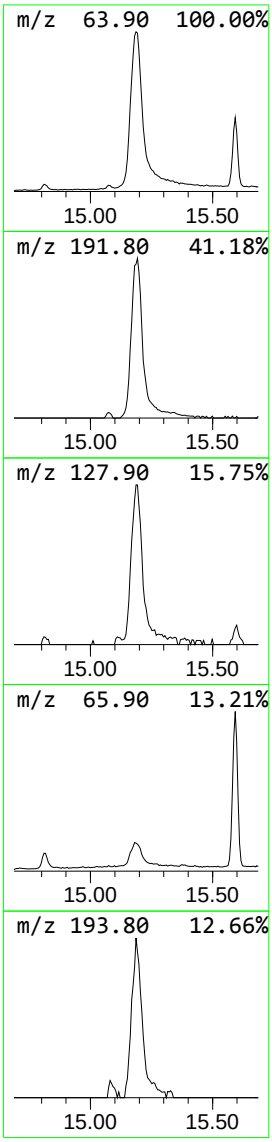
****

Peak Number 5 Hexathiane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.187	2.87 ng/ul	288303	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexathiane	192	S6	013798-23-7	91
2	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	39
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	5
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHA76

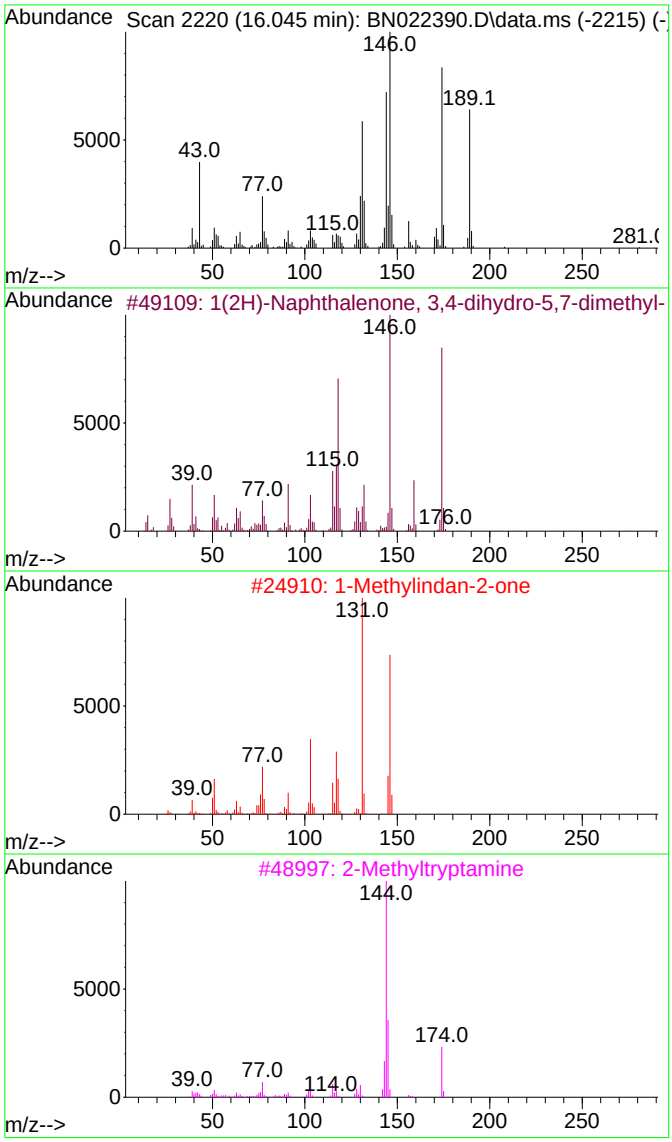
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

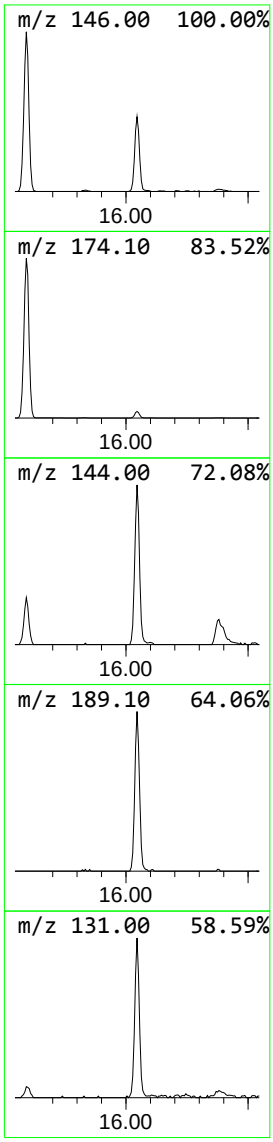
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	2.71 ng/ul	292231	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	013621-25-5	50
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	42
3	2-Methyltryptamine	174	C11H14N2	002731-06-8	42
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	42
5	2H-Pyrido[1,2-a]pyrimidin-2-one,...	174	C10H10N2O	022365-23-7	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022390.D
Acq On : 28 Oct 2022 19:02
Operator : CG/JU
Sample : N5233-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHA76

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

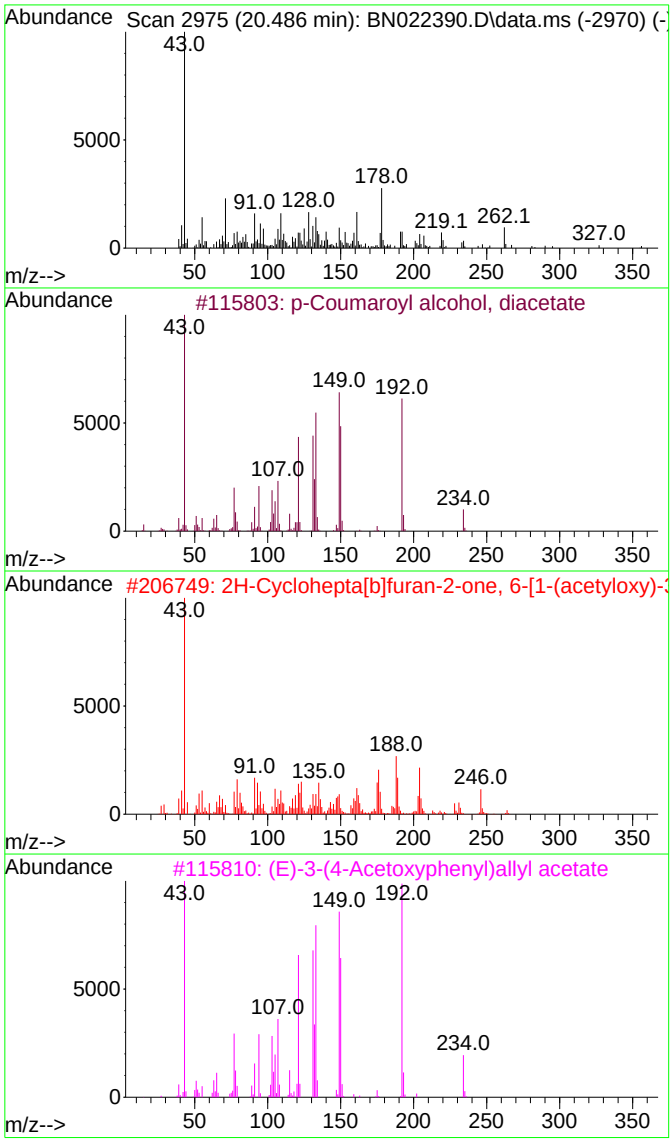
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

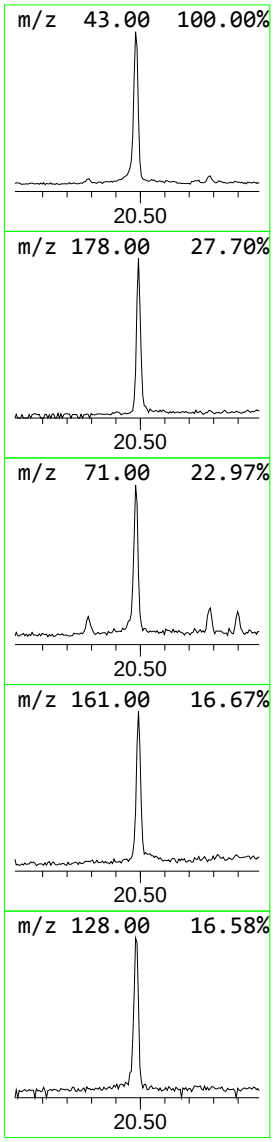
****

Peak Number 7 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.486	2.37 ng/ul	190680	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Coumaroyl alcohol, diacetate	234	C13H14O4	500297-95-0	18
2	2H-Cyclohepta[b]furan-2-one, 6-[...	306	C17H22O5	000580-49-4	16
3	(E)-3-(4-Acetoxyphenyl)allyl ace...	234	C13H14O4	113944-48-2	14
4	3-[(E)-2-Chloro-1-methyl-1-buten...	192	C8H13ClO3	105949-78-8	14
5	2-Butanone, 4-(6-nitro-1,3-benzo...	237	C11H11NO5	1000327-54-4	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022390.D
Acq On : 28 Oct 2022 19:02
Operator : CG/JU
Sample : N5233-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHA76

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.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
Benzenemethanam...	8.316	6.7	ng/ul	346874	1	7.922	1040260	20.0
Cyclohexanone, ...	8.357	10.9	ng/ul	564742	1	7.922	1040260	20.0
Hexathiane	15.187	2.9	ng/ul	288303	3	14.598	2006880	20.0
1(2H)-Naphthale...	16.045	2.7	ng/ul	292231	4	17.351	2158320	20.0
unknown-01	20.486	2.4	ng/ul	190680	5	21.551	1609630	20.0