LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013455.D
Acq On : 21 Jan 2021 17:55
Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

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-BN012221.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	13	17	20	rBV	141405	181009	0.14%	0.043%
2	3.217	20	22	31	rVB	242404	339286	0.27%	0.080%
3	3.569	79	82	106	rBV	1690955	2424290	1.92%	0.570%
4	3.899	130	138	145	rBV3	45527391	126457827	100.00%	29.724%
5	4.764	281	285	295	rBV	872640	1196200	0.95%	0.281%
6	6.740	614	621	640	rBV2	4421072	9791465	7.74%	2.301%
7	6.928	647	653	664	rBV	1623397	2562797	2.03%	0.602%
8	7.122	679	686	689	rBV	2336271	3799836	3.00%	0.893%
9	7.152	689	691	700	rVB	1523740	1988913	1.57%	0.467%
10	7.581	757	764	774	rVB	1789076	2808131	2.22%	0.660%
11	8.116	845	855	861	rBV	1297748	3180058	2.51%	0.747%
12	8.163	861	863	870	rVB	145624	183089	0.14%	0.043%
13	8.287	877	884	894	rBV	2376729	3806863	3.01%	0.895%
14	8.387	894	901	910	rBV	3563738	5541395	4.38%	1.302%
15	8.652	939	946	952	rBV	1026023	1679975	1.33%	0.395%
16	8.728	952	959	962	rVV	1882087	3070084	2.43%	0.722%
17	8.769	962	966	975	rVB	2247384	3449178	2.73%	0.811%
18	9.040	1005	1012	1022	rBV	1195894	1727852	1.37%	0.406%
19	9.440	1066	1080	1088	rBV	1560570	2525035	2.00%	0.594%
20	9.552	1092	1099	1105	rVB	110272	170278	0.13%	0.040%
21	9.775	1129	1137	1146	rBV	1688269	2474370	1.96%	0.582%
22	9.969	1163	1170	1181	rBV	2518388	4072747	3.22%	0.957%
23	10.346	1227	1234	1239	rBV	2309649	4022059	3.18%	0.945%
24	10.399	1239	1243	1250	rVV	2763738	4330795	3.42%	1.018%
25	10.481	1250	1257	1272	rVB	1663828	2780034	2.20%	0.653%
26	11.063	1351	1356	1362	rVB	156827	235031	0.19%	0.055%
27	11.263	1381	1390	1394	rBV	629455	1407593	1.11%	0.331%
28	11.646	1447	1455	1466	rBV	2833721	4643193	3.67%	1.091%
29	11.887	1488	1496	1502	rBV	1176792	1852891	1.47%	0.436%
30	12.240	1547	1556	1565	rVB	5300756	8106643	6.41%	1.905%
31	12.634	1614	1623	1629	rBV	1362427	2055589	1.63%	0.483%
32	12.704	1629	1635	1645	rVB	1357921	2064641	1.63%	0.485%
33	13.087	1687	1700	1708	rBV	5961475	9336627	7.38%	2.195%
34	13.422	1748	1757	1762	rBV2	106904	175483	0.14%	0.041%

LSC Area Percent Report

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Data File : BN013455.D
Acq On : 21 Jan 2021 17:55
Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

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-BN012221.M
Title : SVOA CALIBRATION

35	13.634	1787	1793	1797	rBV	3639523	5065983	4.01%	1.191%
36	13.681	1797	1801	1813	rVB	3191302	4343772	3.43%	1.021%
37	13.910	1830	1840	1842	rBV	4482609	6919384	5.47%	1.626%
38	13.940	1842	1845	1854	rVB	3783749	5120978	4.05%	1.204%
39	14.216	1884	1892	1898	rBV	3035058	4528275	3.58%	1.064%
40	14.281	1898	1903	1914	rVB	2734735	3859357	3.05%	0.907%
41	14.439	1921	1930	1950	rBV2	3710362	6691523	5.29%	1.573%
42	14.622	1950	1961	1968	rVB	2881212	4154384	3.29%	0.976%
43	14.734	1973	1980	1987	rBV	3797714	4956561	3.92%	1.165%
44	14.845	1992	1999	2011	rBV	1305181	1844429	1.46%	0.434%
45	15.063	2030	2036	2048	rVB	6018848	7702226	6.09%	1.810%
46	15.216	2055	2062	2067	rBV	5249602	7503189	5.93%	1.764%
47	15.275	2067	2072	2077	rVV	8087099	11195475	8.85%	2.631%
48	15.334	2077	2082	2095	rVV	1412514	1879960	1.49%	0.442%
49	16.169	2217	2224	2236	rVB	6206907	7843094	6.20%	1.844%
50	16.275	2236	2242	2249	rBV	1837663	2534173	2.00%	0.596%
51	16.622	2294	2301	2303	rBV	2735986	3933968	3.11%	0.925%
52	16.645	2303	2305	2315	rVB	3405309	4245226	3.36%	0.998%
53	16.969	2354	2360	2363	rBV	3197341	4505150	3.56%	1.059%
54	17.010	2363	2367	2372	rVV	6341343	8779709	6.94%	2.064%
55	17.069	2372	2377	2389	rVB	5213670	7148023	5.65%	1.680%
56	17.451	2435	2442	2449	rBV	4498473	5882068	4.65%	1.383%
57	17.592	2461	2466	2469	rBV	203705	265589	0.21%	0.062%
58	17.957	2521	2528	2533	rBV	3639827	4193284	3.32%	0.986%
59	19.033	2700	2711	2719	rBV	4638997	6369328	5.04%	1.497%
60	19.369	2762	2768	2778	rBV	5474654	7520649	5.95%	1.768%
61	20.327	2926	2931	2937	rBV	3043624	3304099	2.61%	0.777%
62	21.116	3060	3065	3068	rBV	2255027	2475986	1.96%	0.582%
63	21.163	3068	3073	3078	rVV2	5266069	10227791	8.09%	2.404%
64	21.210	3078	3081	3087	rVB	3966806	4588961	3.63%	1.079%
65	21.980	3207	3212	3219	rBV	6417503	7059131	5.58%	1.659%
66	22.233	3252	3255	3259	rVB2	166234	203624	0.16%	0.048%
67	22.704	3329	3335	3338	rBV	2462183	3833171	3.03%	0.901%
68	22.745	3338	3342	3353	rVB	4641204	7670544	6.07%	1.803%
69	23.215	3415	3422	3429	rBV	3871419	7049193	5.57%	1.657%
70	23.286	3430	3434	3438	rVV	429011	666998	0.53%	0.157%
71	23.357	3439	3446	3455	rVB2	2363105	4255606	3.37%	1.000%

LSC Area Percent Report

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Acq On : 21 Jan 2021 17:55
Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

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-BN012221.M
Title : SVOA CALIBRATION

72	23.915	3536	3541	3548	rVB	427057	746122	0.59%	0.175%
73	24.645	3659	3665	3676	rVB	380091	804989	0.64%	0.189%
74	25.539	3804	3817	3830	rVB3	2877079	9132244	7.22%	2.147%

Sum of corrected areas: 425445473

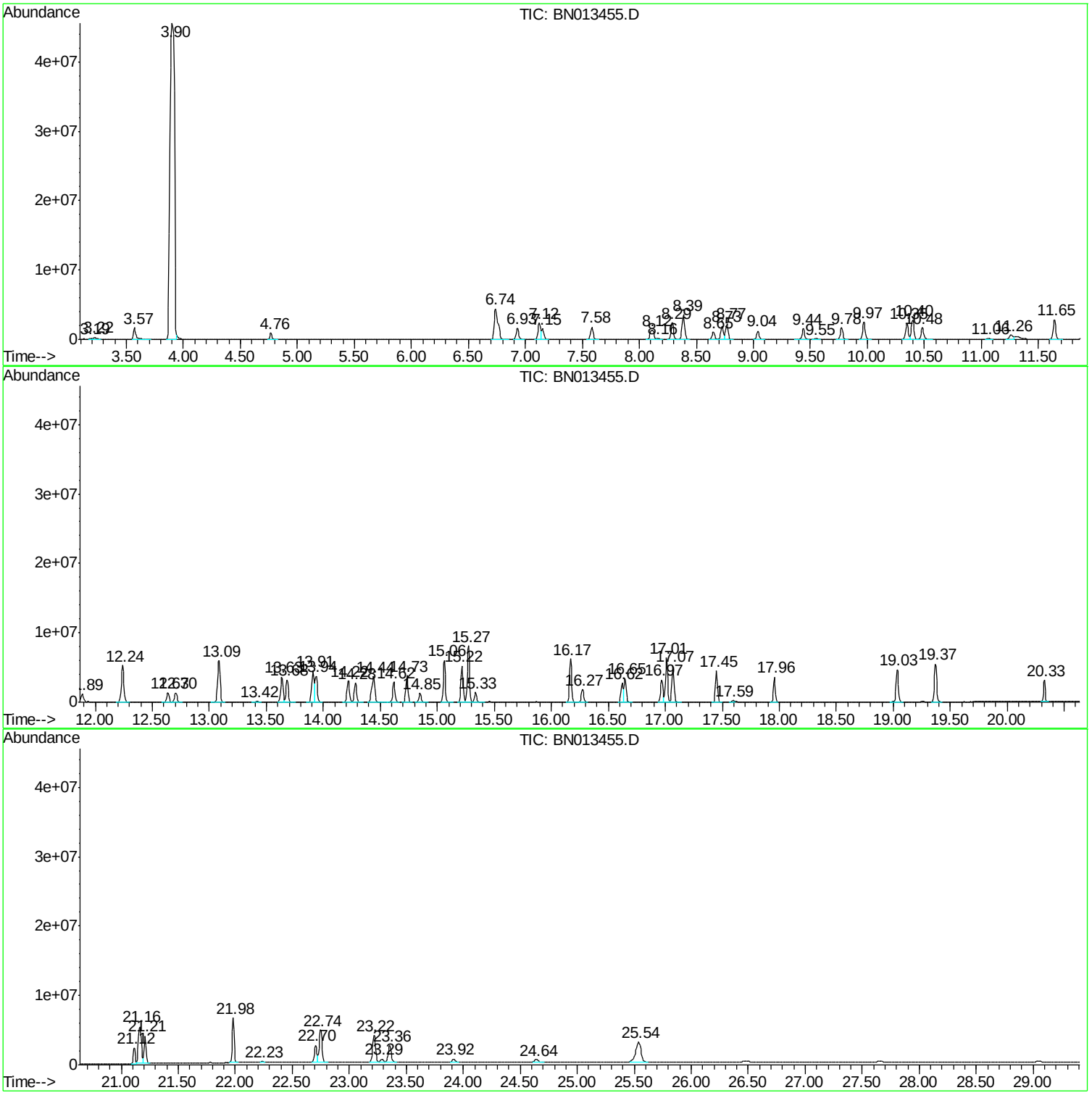
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013455.D
Acq On : 21 Jan 2021 17:55
Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013455.D
Acq On : 21 Jan 2021 17:55
Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION

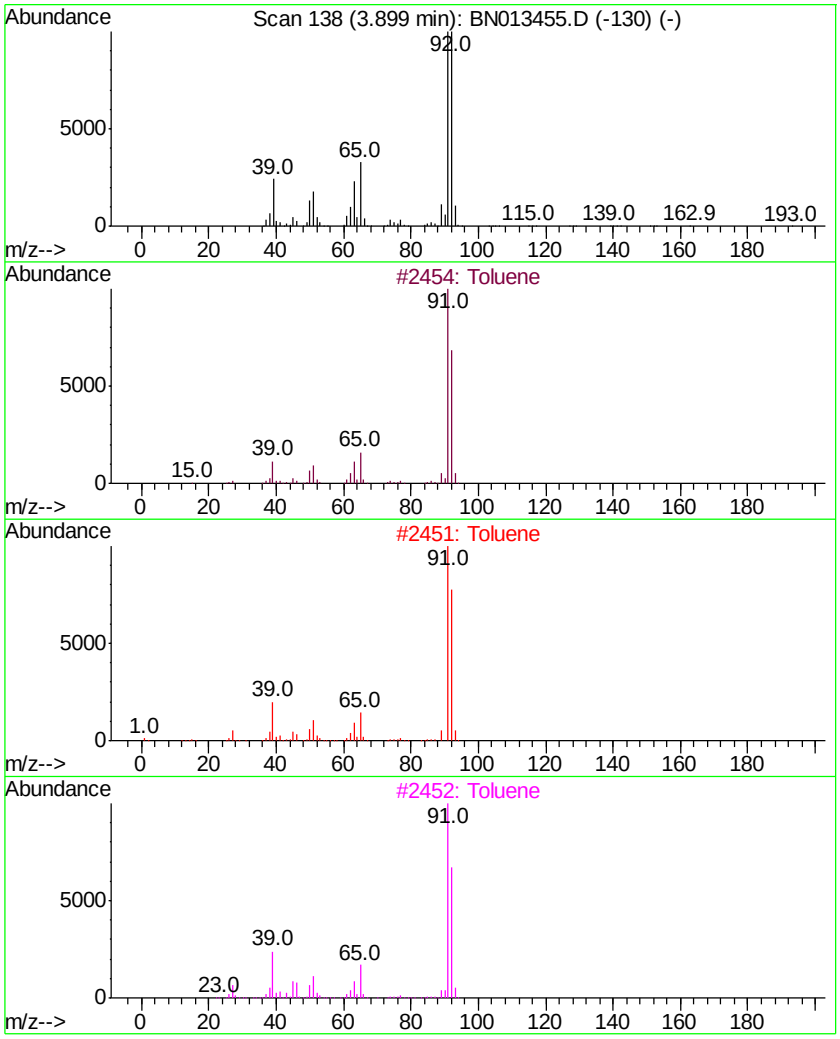
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

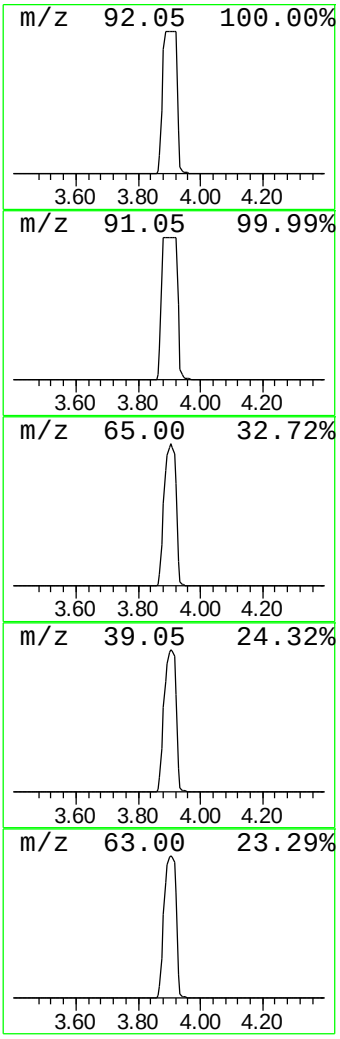
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	900.66 ng/ul	126458000	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	93
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene	92	C7H8	000108-88-3	87
5	1,5-Hexadien-3-yne, 2-methyl-	92	C7H8	000820-54-2	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013455.D
Acq On : 21 Jan 2021 17:55
Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

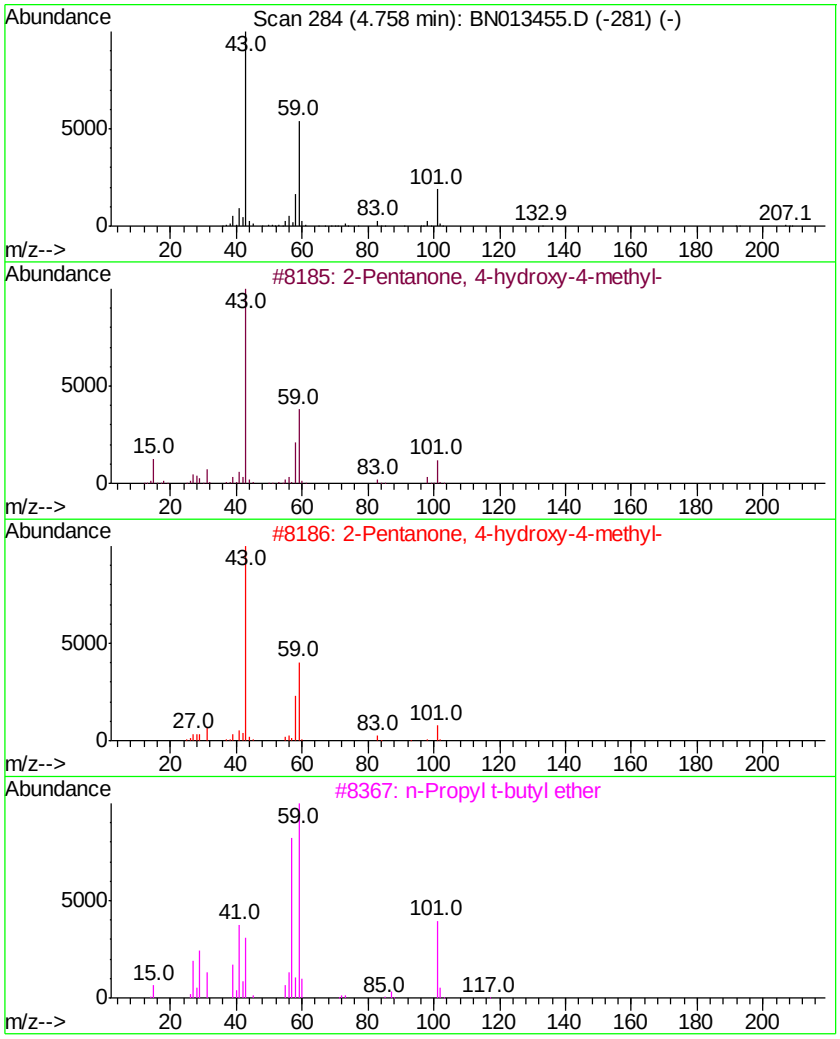
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION

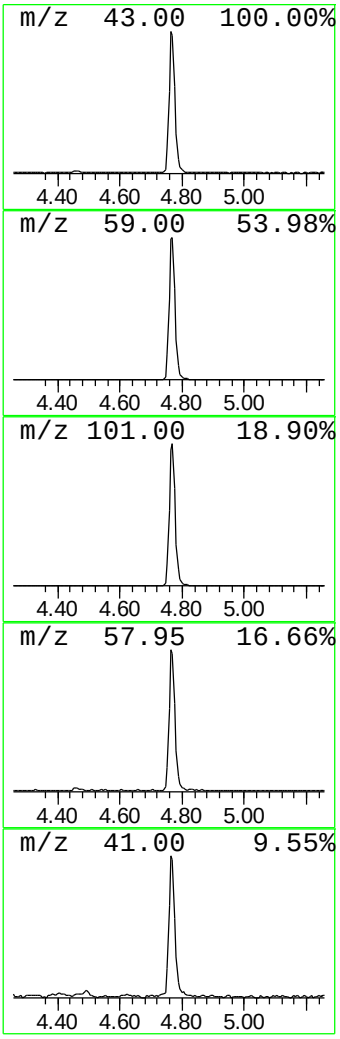
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	8.52 ng/ul	1196200	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013455.D
Acq On : 21 Jan 2021 17:55
Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION

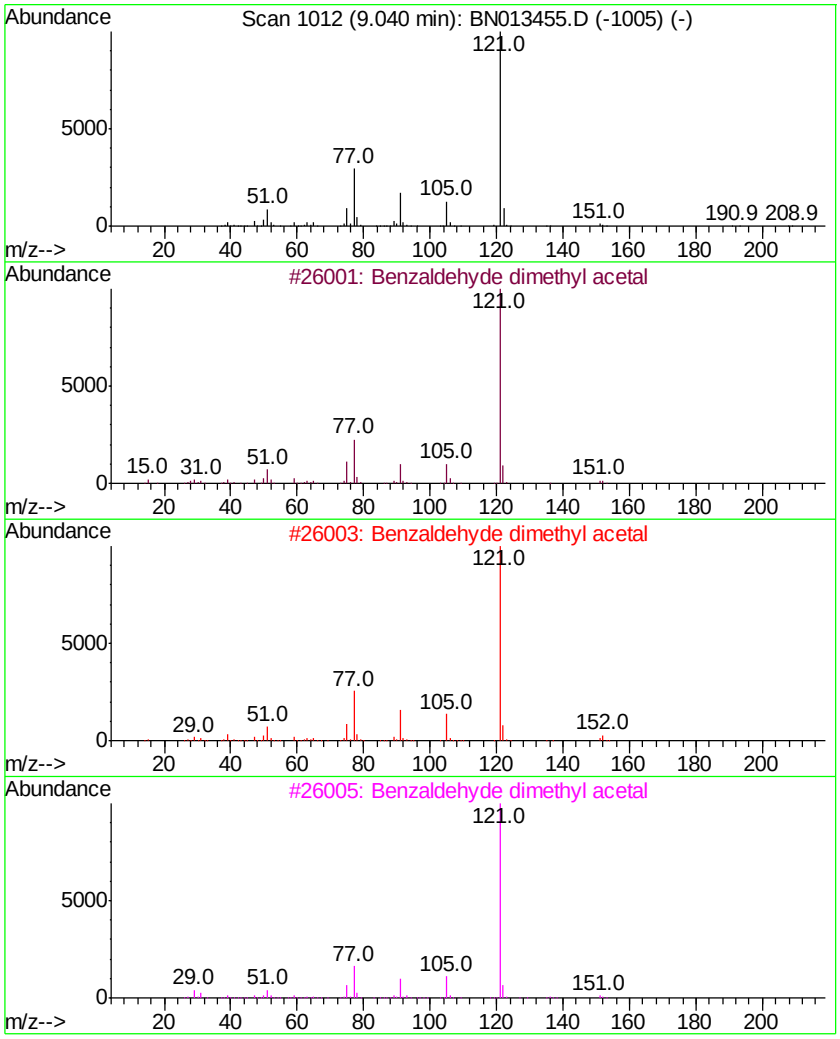
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

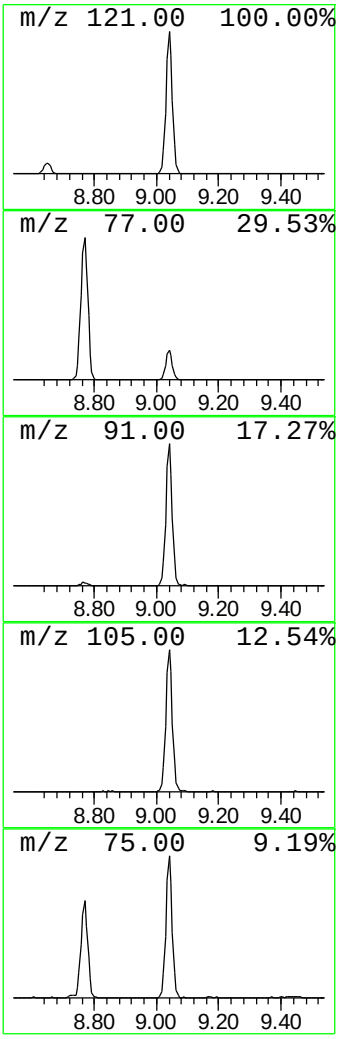
****

Peak Number 3 Benzaldehyde dimethyl acetal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	8.59 ng/ul	1727850	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	90
2	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	90
3	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	86
4	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	78
5	Benzene, (3-iodo-1-methoxypropyl)-	276	C10H13IO	1000327-31-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013455.D
Acq On : 21 Jan 2021 17:55
Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION

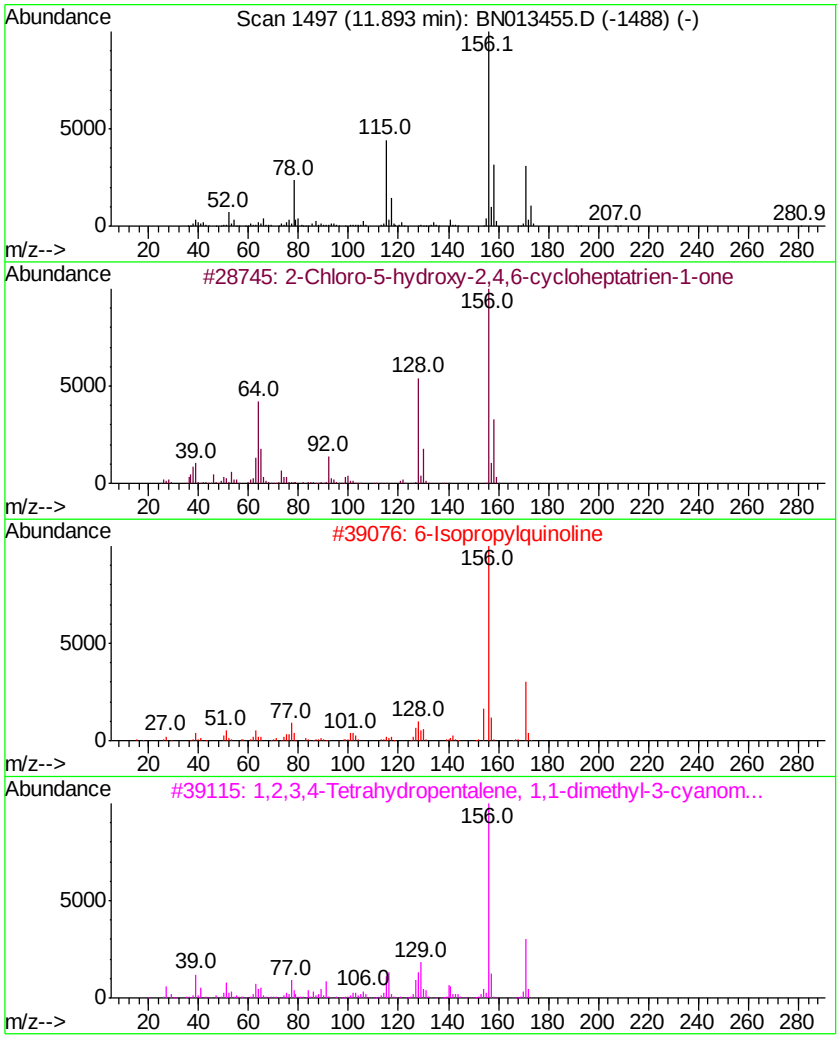
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

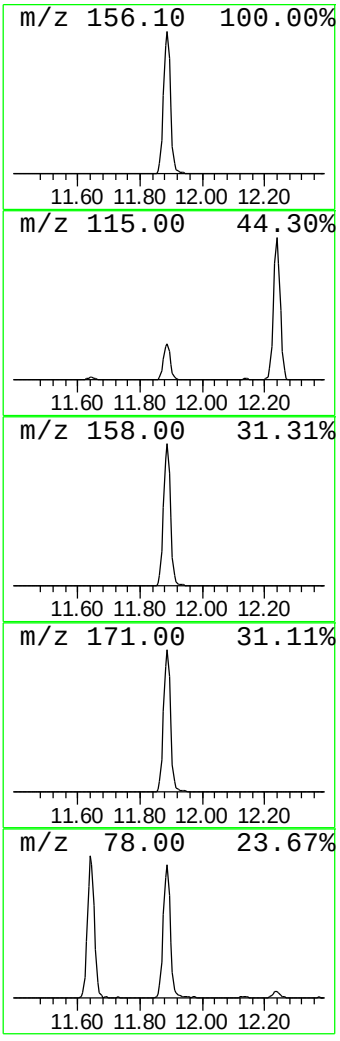
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	9.21 ng/ul	1852890	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	38
2	6-Isopropylquinoline	171	C12H13N	000135-79-5	37
3	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
4	3,5-Xylenol, 4-chloro-, acetate	198	C10H11ClO2	022012-58-4	32
5	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32





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Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION

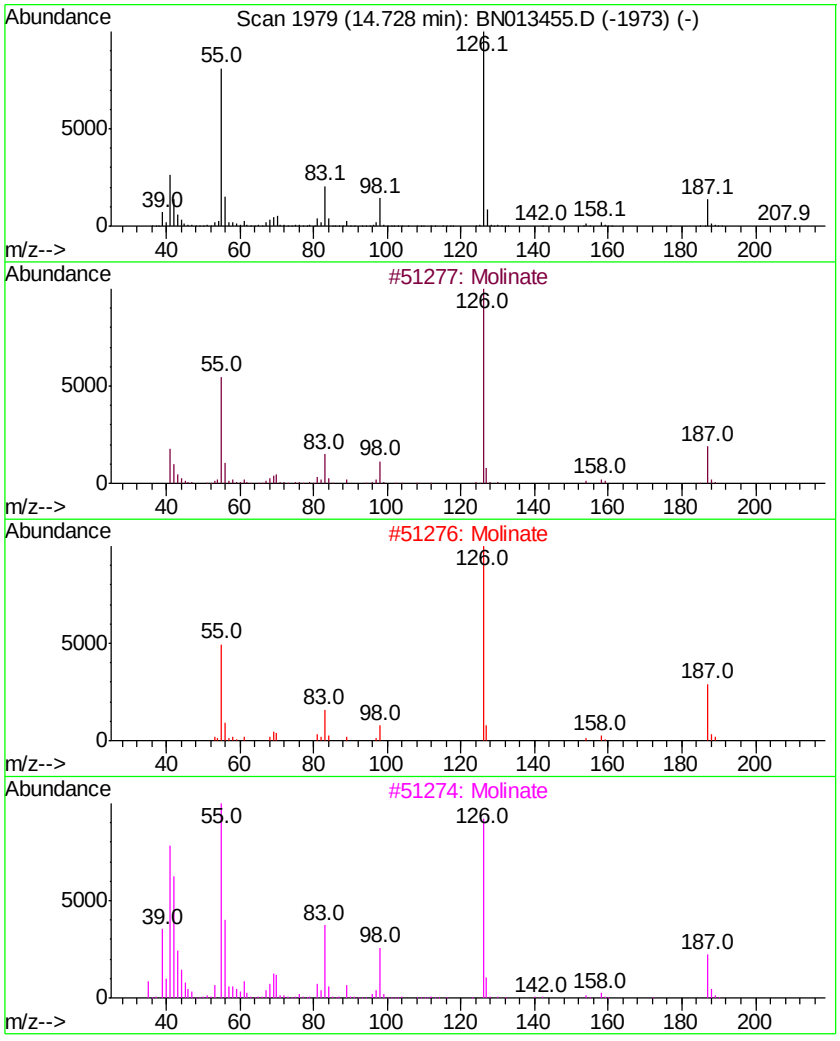
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

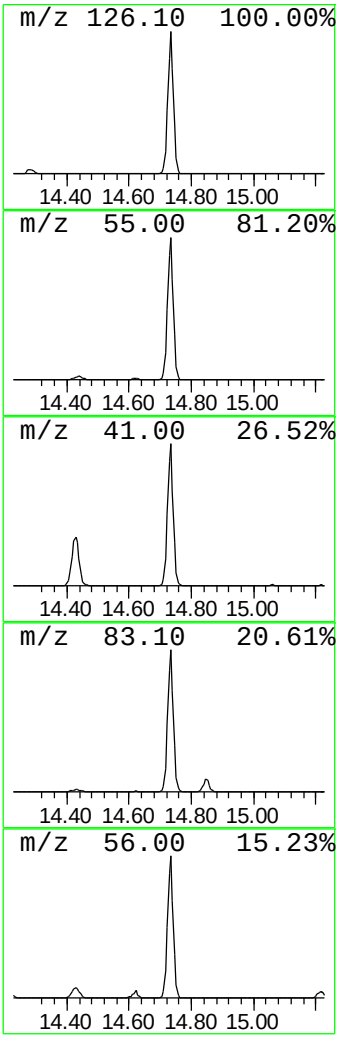
****

Peak Number 5 Molinate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	21.89 ng/ul	4956560	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Molinate	187	C9H17NOS	002212-67-1	97
2	Molinate	187	C9H17NOS	002212-67-1	96
3	Molinate	187	C9H17NOS	002212-67-1	64
4	Thymine	126	C5H6N2O2	000065-71-4	59
5	1,2,4-Cyclopentanetrione, 3-methyl-	126	C6H6O3	004505-54-8	52





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Data File : BN013455.D
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Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION

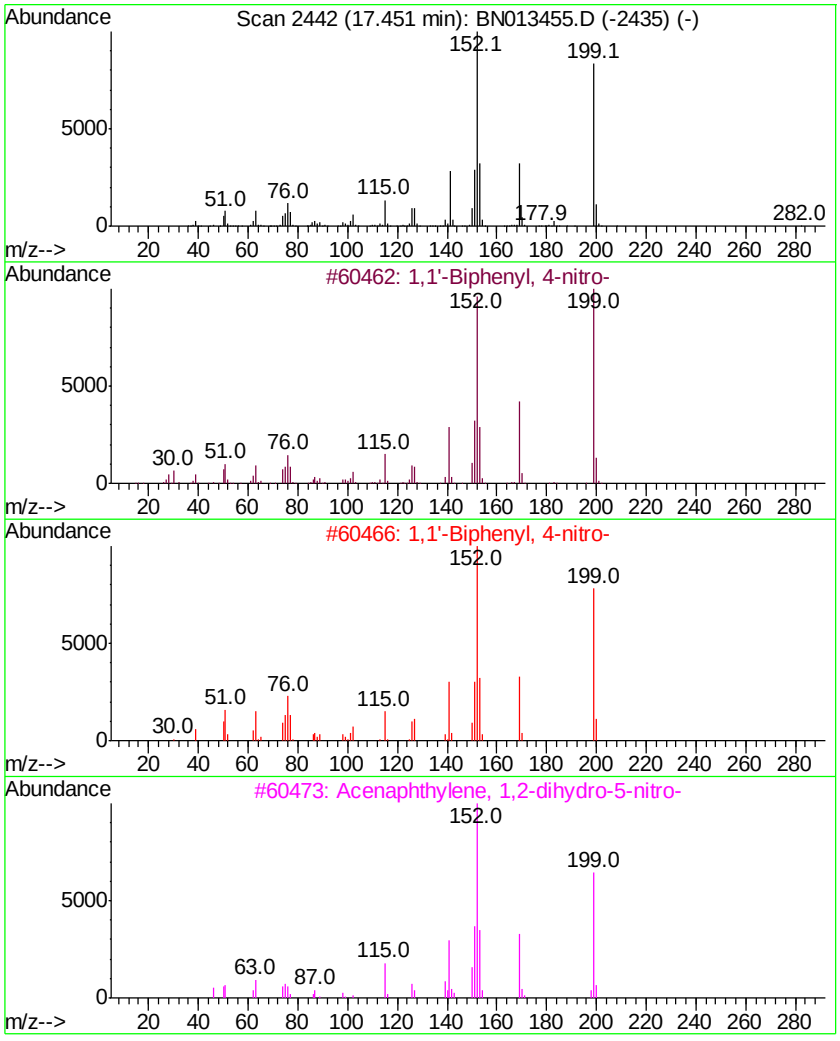
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

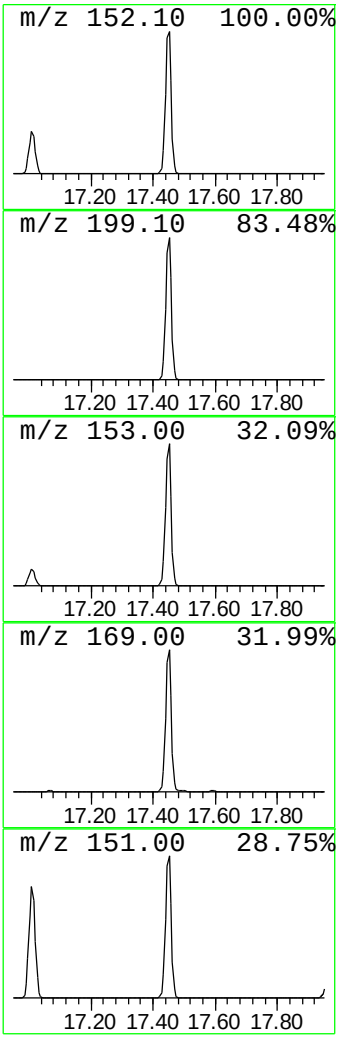
****

Peak Number 6 1,1'-Biphenyl, 4-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	26.11 ng/ul	5882070	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	94
4	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	81
5	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013455.D
Acq On : 21 Jan 2021 17:55
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Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

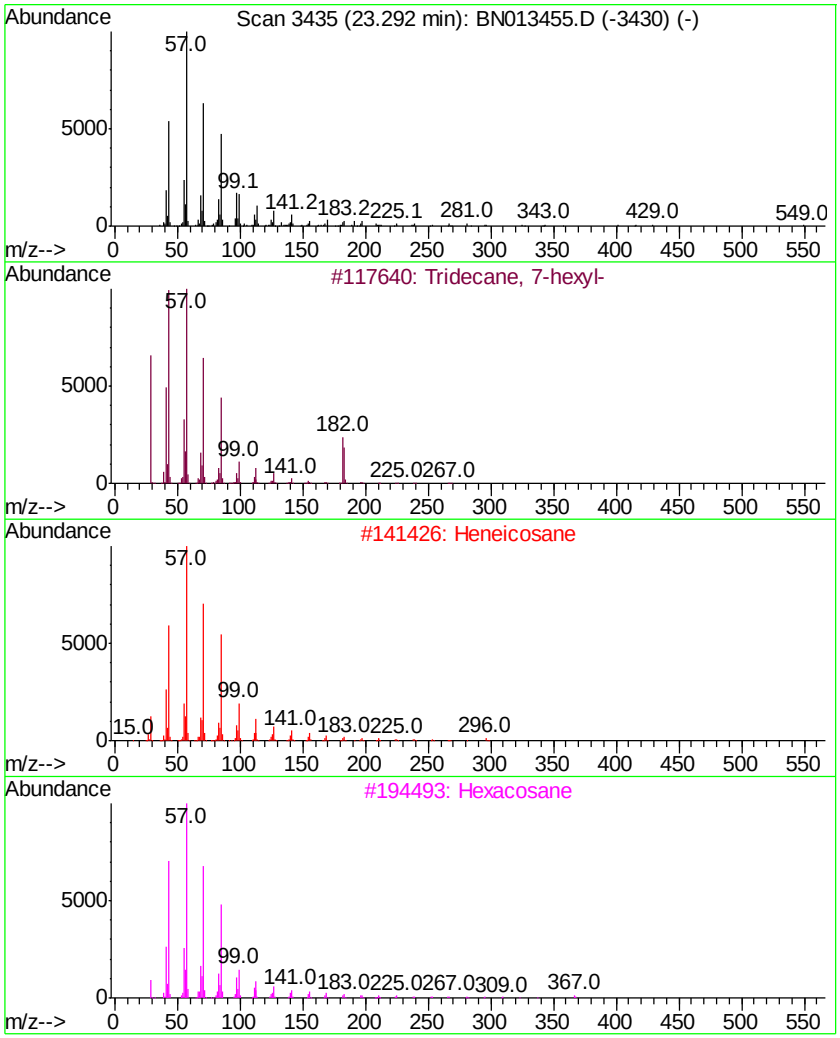
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION

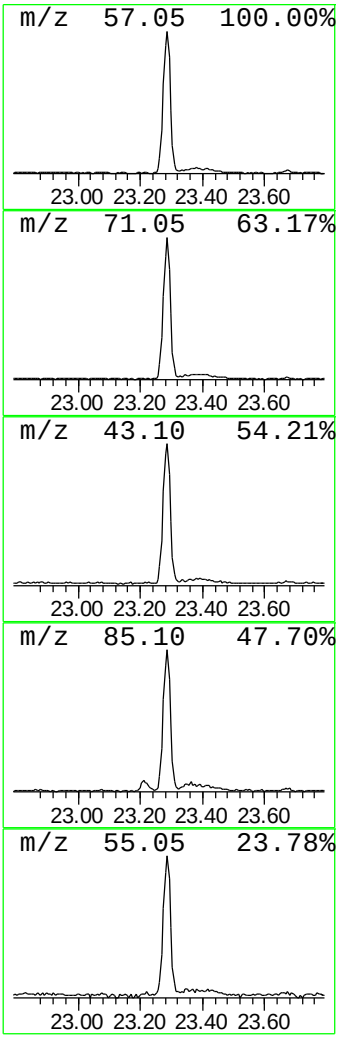
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	3.13 ng/ul	666998	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Octadecane	254	C18H38	000593-45-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013455.D
Acq On : 21 Jan 2021 17:55
Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

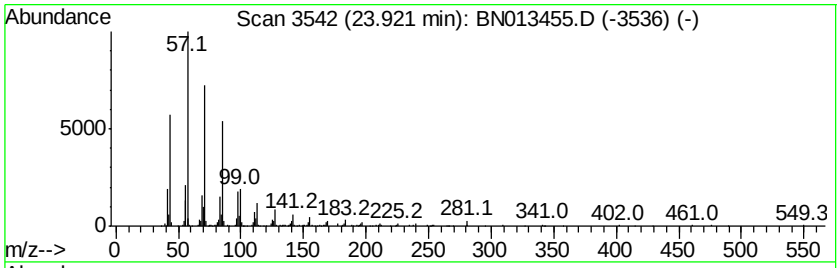
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION

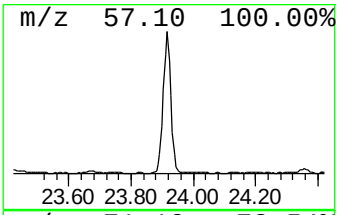
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

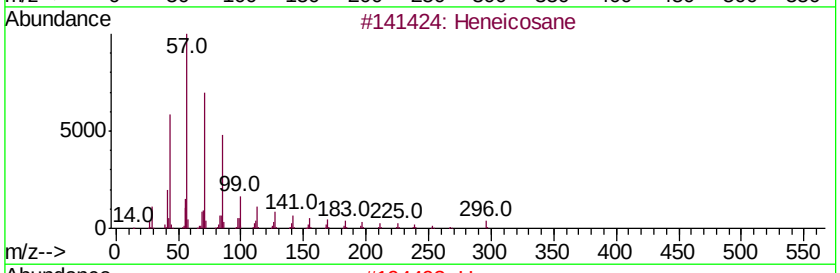
****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

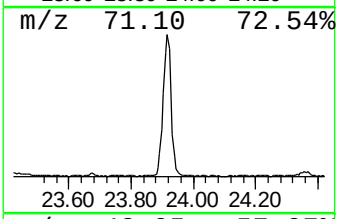
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	3.51 ng/ul	746122	Perylene-d12	23.36

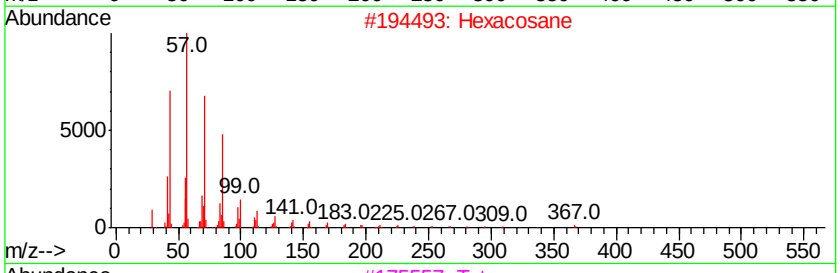
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Hexacosane	366	C26H54	000630-01-3	93
3	Tetracosane	338	C24H50	000646-31-1	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heneicosane	296	C21H44	000629-94-7	90

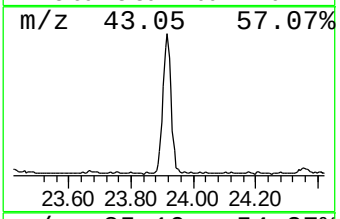


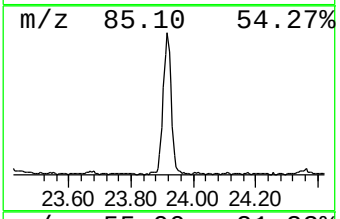


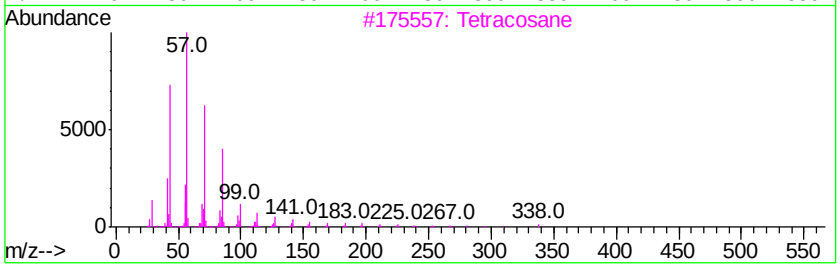


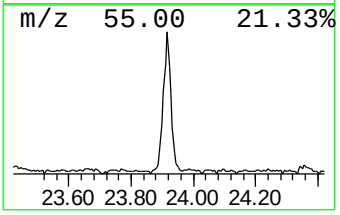












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013455.D
Acq On : 21 Jan 2021 17:55
Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION

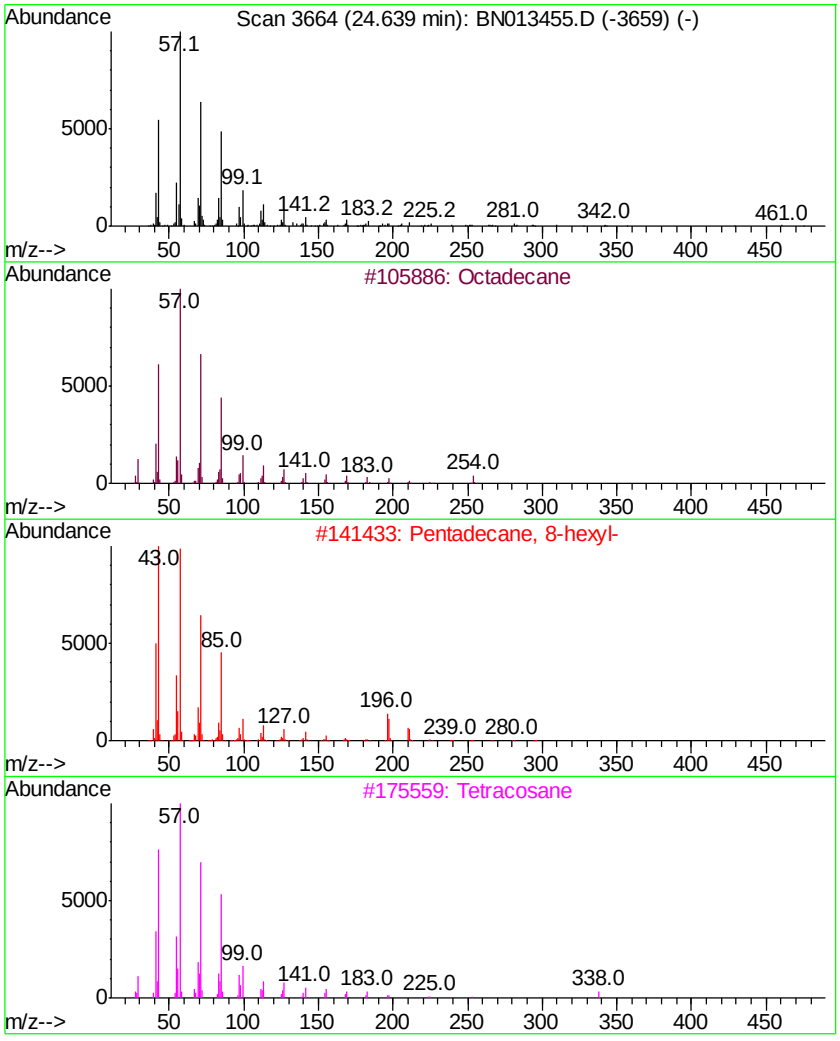
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

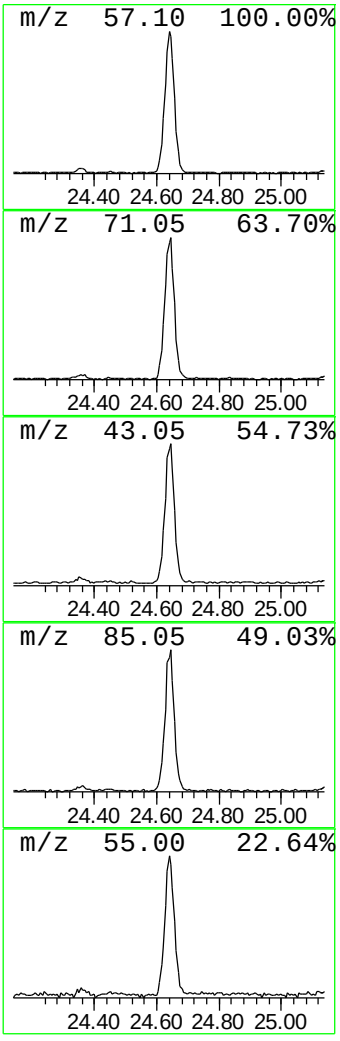
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	3.78 ng/ul	804989	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012221\
Data File : BN013455.D
Acq On : 21 Jan 2021 17:55
Operator : CG/JU
Sample : M1050-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2X34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Toluene	3.90	900.7	ng/ul	126458000	1	7.59	2808130	20.0
2-Pentanone, 4-hy...	4.76	8.5	ng/ul	1196200	1	7.59	2808130	20.0
Benzaldehyde dime...	9.04	8.6	ng/ul	1727850	2	10.35	4022060	20.0
unknown-01	11.89	9.2	ng/ul	1852890	2	10.35	4022060	20.0
Molinate	14.73	21.9	ng/ul	4956560	3	14.22	4528280	20.0
1,1'-Biphenyl, 4-...	17.45	26.1	ng/ul	5882070	4	16.97	4505150	20.0
(DEL) Alkane: Str...	23.29	3.1	ng/ul	666998	6	23.36	4255610	20.0
(DEL) Alkane: Str...	23.92	3.5	ng/ul	746122	6	23.36	4255610	20.0
(DEL) Alkane: Str...	24.64	3.8	ng/ul	804989	6	23.36	4255610	20.0