LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010084.D
Acq On : 04 Mar 2020 15:37
Operator : CG/JU
Sample : L1641-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y7

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\SOM-EPA-BN021220MA.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	3.305	52	54	55	rBV	2918	1960	0.18%	0.019%
2	3.499	84	87	94	rVB5	8713	13731	1.24%	0.130%
3	3.687	115	119	125	rVB2	15967	23240	2.10%	0.220%
4	4.217	207	209	213	rVB3	3153	3696	0.33%	0.035%
5	4.305	222	224	226	rBV3	2016	1768	0.16%	0.017%
6	4.587	264	272	281	rBV2	37910	86123	7.79%	0.816%
7	4.917	326	328	337	rVB3	2293	3825	0.35%	0.036%
8	5.140	363	366	367	rBV2	1439	1697	0.15%	0.016%
9	5.428	412	415	416	rBV2	2945	2990	0.27%	0.028%
10	5.511	426	429	430	rBV3	2086	1747	0.16%	0.017%
11	5.534	430	433	435	rVV3	2512	3076	0.28%	0.029%
12	5.552	435	436	441	rVB4	1681	2188	0.20%	0.021%
13	5.958	501	505	509	rBV3	1771	2862	0.26%	0.027%
14	6.011	512	514	519	rVB3	1574	2257	0.20%	0.021%
15	6.575	605	610	622	rBV2	60174	126475	11.44%	1.199%
16	6.728	631	636	647	rBV	51994	92501	8.37%	0.877%
17	6.911	661	667	676	rBV2	63929	116898	10.57%	1.108%
18	7.005	678	683	685	rVV4	2353	3441	0.31%	0.033%
19	7.358	737	743	754	rBV	180213	324843	29.38%	3.078%
20	8.093	863	868	880	rBV3	41032	88896	8.04%	0.842%
21	8.222	885	890	895	rVB2	3835	6747	0.61%	0.064%
22	8.322	904	907	911	rVB2	1333	1869	0.17%	0.018%
23	8.516	934	940	949	rBV	82967	164826	14.91%	1.562%
24	8.658	963	964	967	rBV2	1780	1821	0.16%	0.017%
25	8.699	967	971	972	rBV2	5239	4908	0.44%	0.047%
26	8.934	1007	1011	1016	rBV	6433	8695	0.79%	0.082%
27	8.975	1016	1018	1022	rVB2	1561	1734	0.16%	0.016%
28	9.069	1031	1034	1038	rVB2	1393	2234	0.20%	0.021%
29	9.152	1043	1048	1051	rVB4	1160	2117	0.19%	0.020%
30	9.228	1055	1061	1074	rBV2	56633	135003	12.21%	1.279%
31	9.387	1085	1088	1090	rVB2	1676	1817	0.16%	0.017%
32	9.775	1148	1154	1167	rBV2	50254	132521	11.99%	1.256%
33	10.105	1203	1210	1227	rBV	308193	556959	50.37%	5.278%
34	10.293	1235	1242	1257	rBV2	48709	141381	12.79%	1.340%

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Sample : L1641-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y7

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\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

35	11.152	1383	1388	1391	rBV2	2192	3257	0.29%	0.031%
36	11.222	1398	1400	1402	rVB2	1842	1826	0.17%	0.017%
37	11.352	1419	1422	1425	rBV2	1301	1717	0.16%	0.016%
38	11.981	1526	1529	1534	rVB	1062	1879	0.17%	0.018%
39	12.281	1579	1580	1586	rVB	1343	1746	0.16%	0.017%
40	12.846	1673	1676	1679	rBV2	1665	1798	0.16%	0.017%
41	13.087	1711	1717	1718	rBV	1315	1825	0.17%	0.017%
42	13.334	1753	1759	1761	rBV3	1960	2681	0.24%	0.025%
43	13.440	1771	1777	1791	rBV	181666	309214	27.96%	2.930%
44	13.693	1814	1820	1831	rBV	202484	309948	28.03%	2.937%
45	13.910	1854	1857	1859	rBV2	1656	2180	0.20%	0.021%
46	13.940	1859	1862	1867	rVB3	2714	3658	0.33%	0.035%
47	14.004	1867	1873	1881	rBV2	472423	721729	65.27%	6.840%
48	14.304	1918	1924	1935	rBV3	25079	76340	6.90%	0.723%
49	14.498	1955	1957	1960	rBV	1914	2351	0.21%	0.022%
50	14.840	2013	2015	2020	rVB2	1707	2057	0.19%	0.019%
51	14.904	2023	2026	2029	rBV2	2483	3359	0.30%	0.032%
52	15.016	2037	2045	2052	rBV	264211	427105	38.63%	4.048%
53	15.069	2052	2054	2056	rVB2	3326	2258	0.20%	0.021%
54	15.193	2071	2075	2085	rBV4	42143	93992	8.50%	0.891%
55	15.457	2117	2120	2121	rBV2	1647	1829	0.17%	0.017%
56	15.616	2143	2147	2149	rBV2	1982	1766	0.16%	0.017%
57	15.769	2170	2173	2176	rBV4	2884	3948	0.36%	0.037%
58	15.945	2200	2203	2205	rBV	2853	2719	0.25%	0.026%
59	16.116	2228	2232	2235	rBV2	1421	2423	0.22%	0.023%
60	16.240	2249	2253	2255	rBV	1270	1836	0.17%	0.017%
61	16.334	2265	2269	2273	rBV3	6783	9740	0.88%	0.092%
62	16.563	2303	2308	2312	rBV5	3763	7954	0.72%	0.075%
63	16.763	2337	2342	2347	rBV	613632	874718	79.11%	8.289%
64	16.804	2347	2349	2355	rVV	59847	80851	7.31%	0.766%
65	16.869	2355	2360	2375	rVB	296945	468036	42.33%	4.435%
66	17.016	2384	2385	2389	rVB3	1872	2068	0.19%	0.020%
67	17.187	2412	2414	2415	rBV2	2223	2220	0.20%	0.021%
68	17.298	2430	2433	2437	rVB5	2608	4295	0.39%	0.041%
69	17.651	2491	2493	2498	rVB2	7900	9482	0.86%	0.090%
70	17.704	2498	2502	2508	rBV2	12946	21782	1.97%	0.206%
71	17.757	2509	2511	2515	rVB3	2542	2294	0.21%	0.022%

LSC Area Percent Report

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Acq On : 04 Mar 2020 15:37
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Sample : L1641-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y7

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\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

72	17.792	2515	2517	2520	rBV3	2711	2995	0.27%	0.028%
73	17.845	2522	2526	2530	rBV3	11888	17817	1.61%	0.169%
74	17.992	2548	2551	2554	rBV3	2674	3548	0.32%	0.034%
75	18.169	2577	2581	2586	rVB5	5137	8579	0.78%	0.081%
76	18.204	2586	2587	2590	rBV	2551	2014	0.18%	0.019%
77	18.322	2605	2607	2610	rVB3	2167	2320	0.21%	0.022%
78	18.351	2610	2612	2615	rBV3	2756	2692	0.24%	0.026%
79	18.498	2634	2637	2638	rBV2	5661	4428	0.40%	0.042%
80	18.675	2665	2667	2670	rBV3	2950	2957	0.27%	0.028%
81	18.845	2691	2696	2702	rVB	110964	154235	13.95%	1.462%
82	19.175	2747	2752	2756	rBV	426906	654931	59.23%	6.207%
83	20.269	2935	2938	2942	rBV4	16384	26204	2.37%	0.248%
84	20.680	3004	3008	3012	rBV	112278	169305	15.31%	1.604%
85	20.733	3013	3017	3022	rVV	207283	298000	26.95%	2.824%
86	20.786	3022	3026	3034	rVV	473655	630320	57.01%	5.973%
87	20.992	3055	3061	3065	rBV	777771	1105719	100.00%	10.478%
88	21.592	3161	3163	3169	rVB2	82336	101456	9.18%	0.961%
89	22.022	3233	3236	3243	rBV	95111	122274	11.06%	1.159%
90	22.486	3311	3315	3319	rBV2	220054	302605	27.37%	2.868%
91	22.957	3391	3395	3399	rBV	322648	482191	43.61%	4.570%
92	23.086	3412	3417	3424	rVB2	541267	921996	83.38%	8.737%

Sum of corrected areas: 10552313

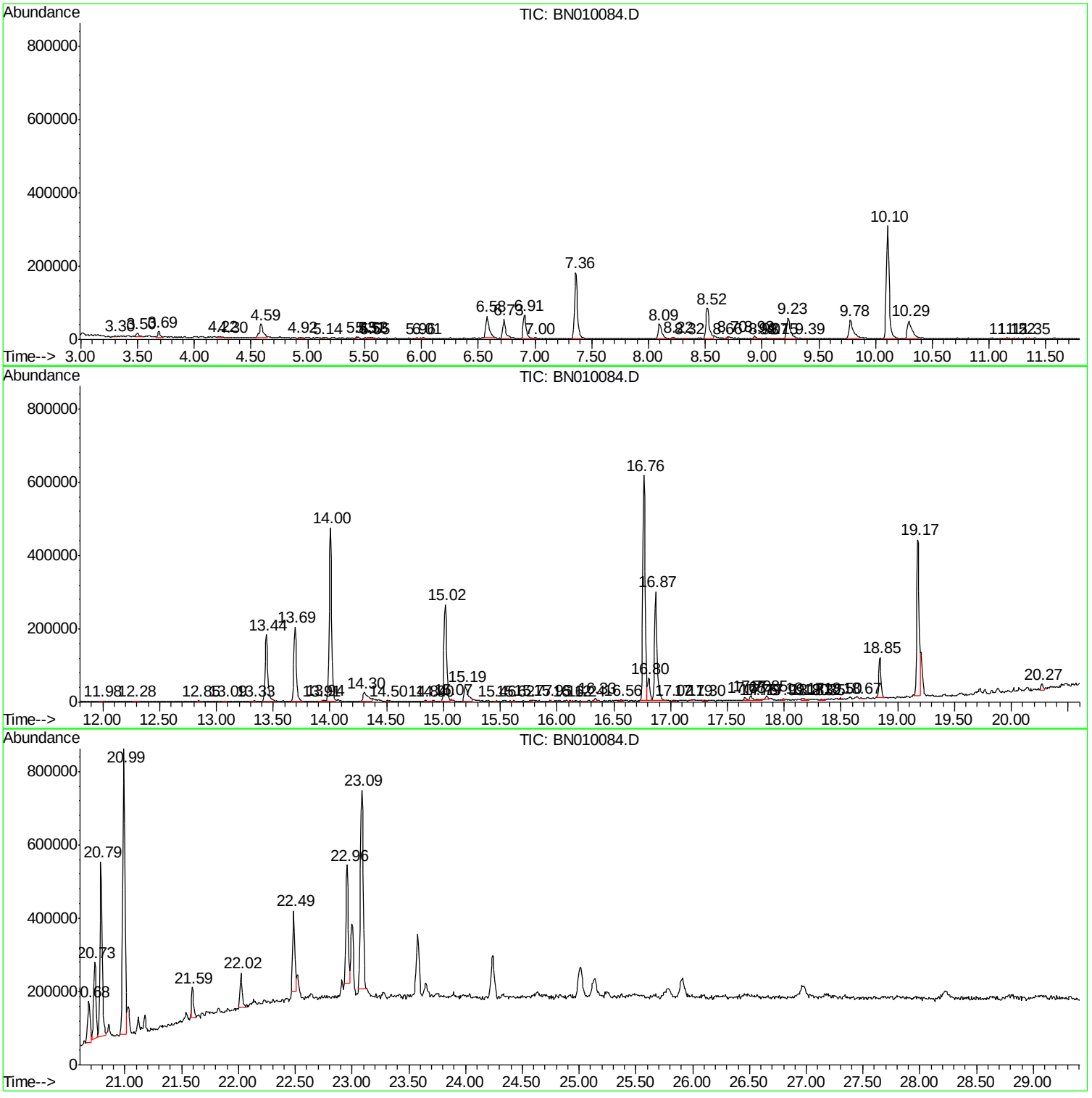
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010084.D
Acq On : 04 Mar 2020 15:37
Operator : CG/JU
Sample : L1641-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010084.D
Acq On : 04 Mar 2020 15:37
Operator : CG/JU
Sample : L1641-04
Misc :
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Instrument : BNA_N
ClientSampleId : CB6Y7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

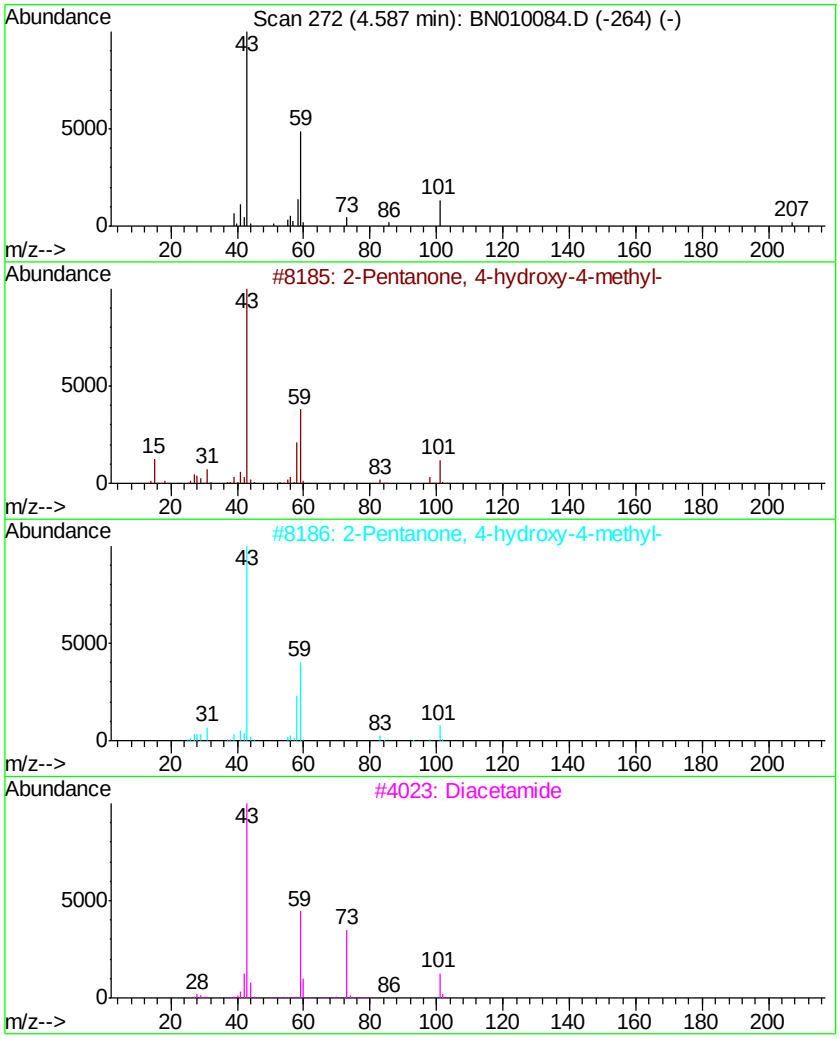
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

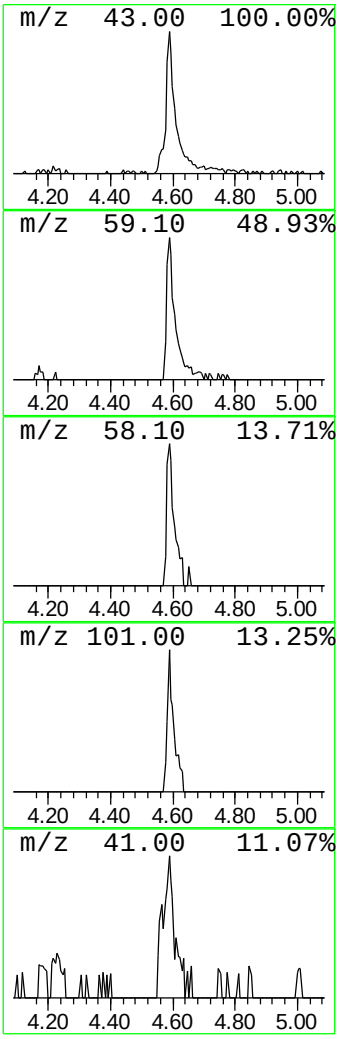
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	5.30 ng/ul	86123	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
5	n-Hexane-1,1-diol diacetate	202	C10H18O4	064847-81-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010084.D
Acq On : 04 Mar 2020 15:37
Operator : CG/JU
Sample : L1641-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

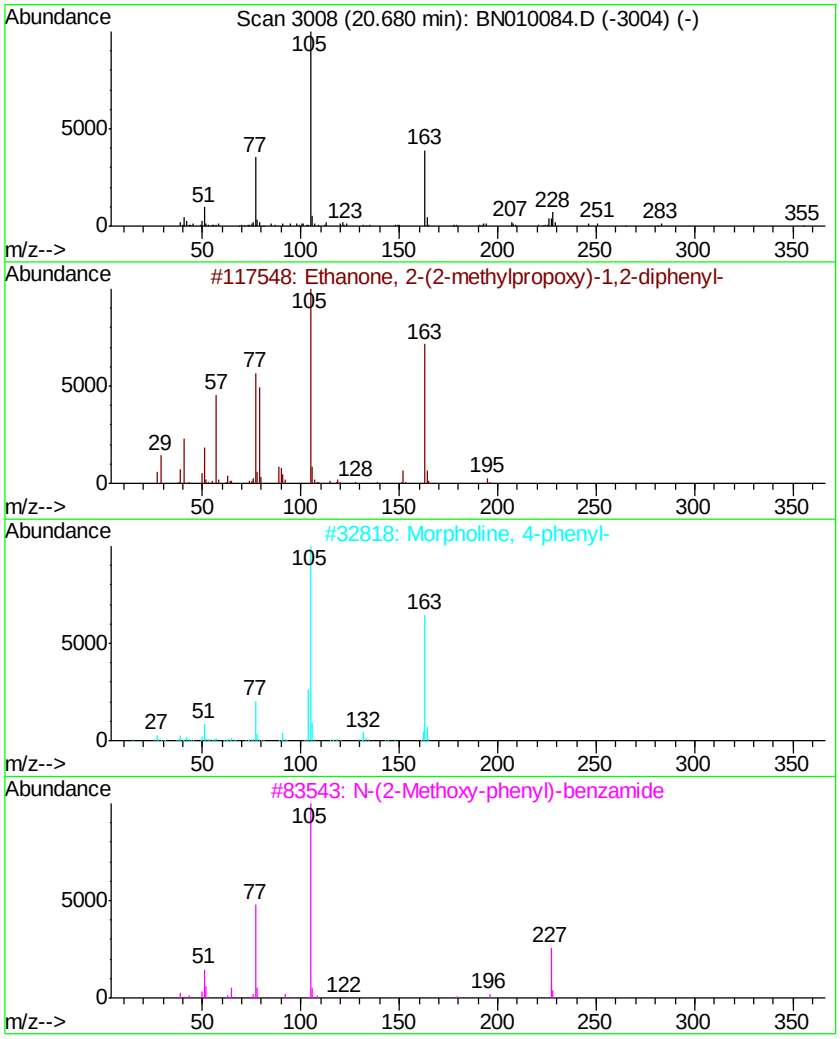
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

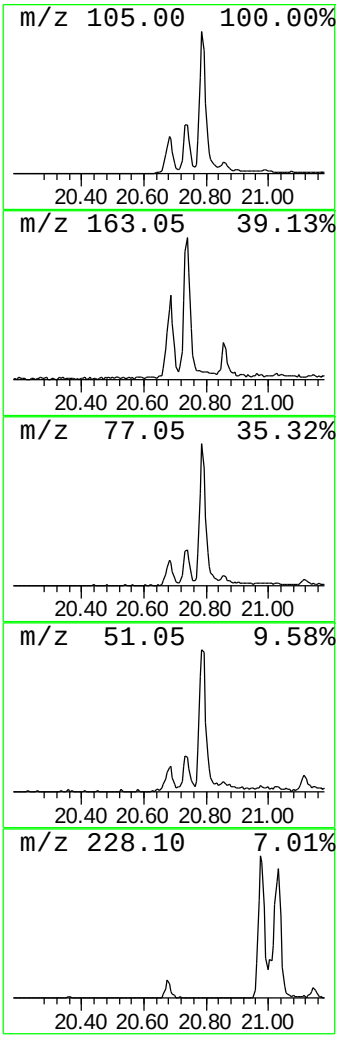
****

Peak Number 2 Ethanone, 2-(2-methylpropox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	3.06 ng/ul	169305	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-(2-methylpropoxy)-1,...	268	C18H20O2	022499-12-3	50
2	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	43
3	N-(2-Methoxy-phenyl)-benzamide	227	C14H13NO2	1000317-49-6	27
4	N'-(.alpha.-Methylfurfurylidene)...	228	C13H12N2O2	113906-38-0	27
5	2,6-Dimethylphenyl benzoate	226	C15H14O2	001871-36-9	27





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

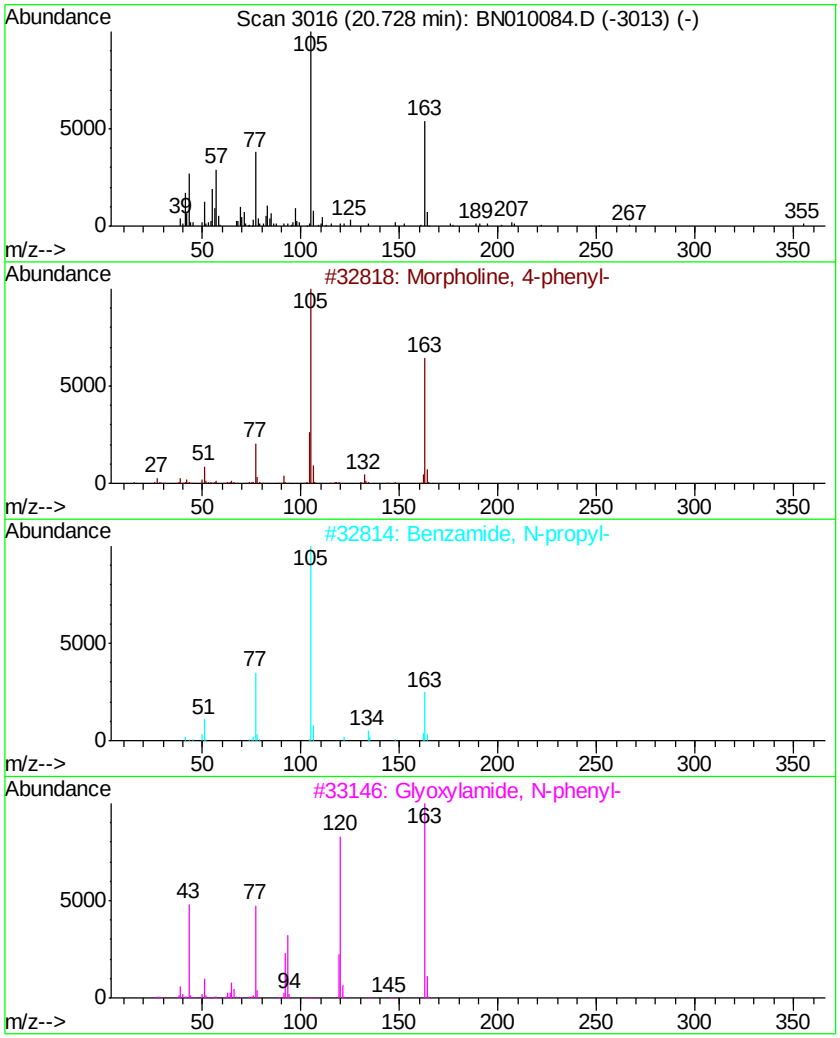
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

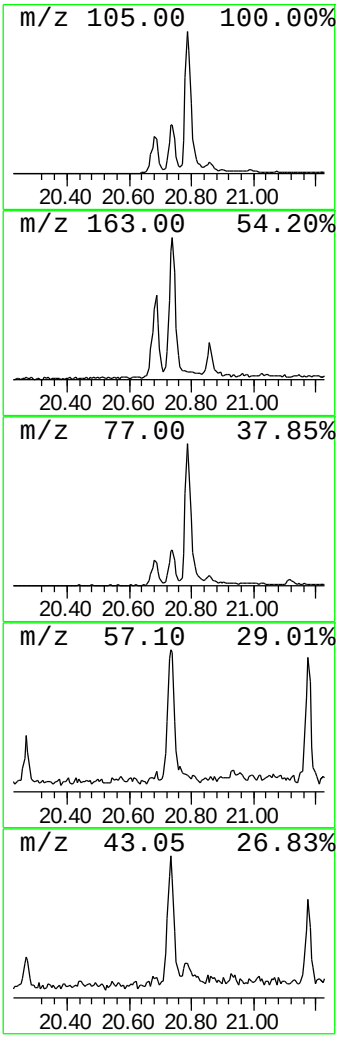
****

Peak Number 3 Morpholine, 4-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	5.39 ng/ul	298000	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	59
2	Benzamide, N-propyl-	163	C10H13NO	010546-70-0	53
3	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	47
4	N-Benzyl-2-aminocinnamate, methy...	267	C17H17NO2	1000079-39-0	43
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	38





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Instrument : BNA_N
ClientSampleId : CB6Y7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

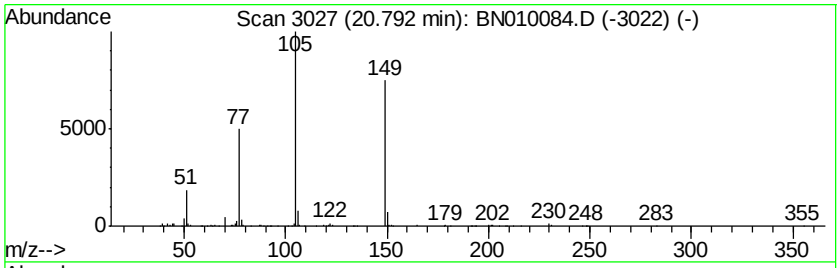
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

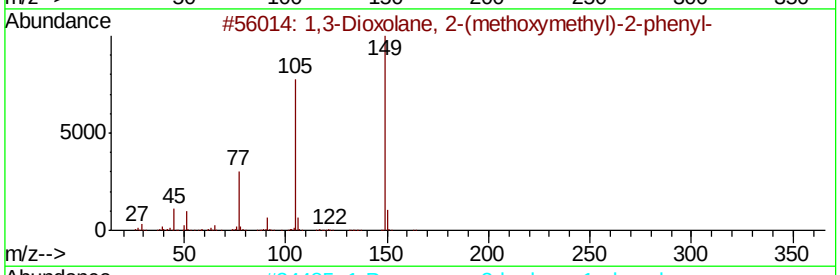
****

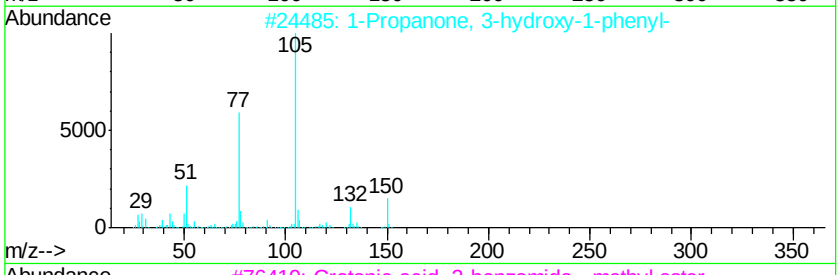
Peak Number 4 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 1

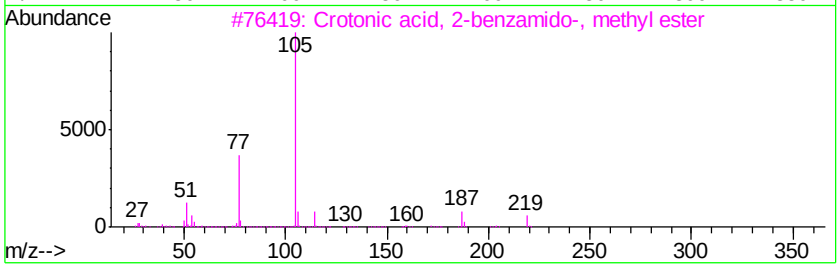
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	11.40 ng/ul	630320	Chrysene-d12	20.99

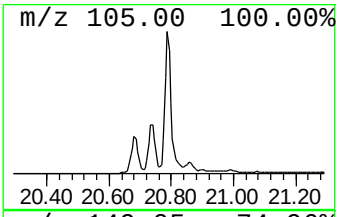
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	78
2	1-Propanone, 3-hydroxy-1-phenyl-	150	C9H10O2	005650-41-9	47
3	Crotonic acid, 2-benzamido-, met...	219	C12H13NO3	105909-91-9	43
4	Benzenepentanoic acid, .delta.-oxo-	192	C11H12O3	001501-05-9	43
5	2-Phenylbutenolide	160	C10H8O2	001955-39-1	43

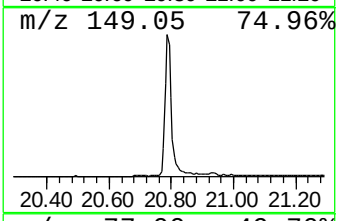


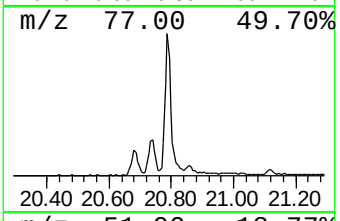


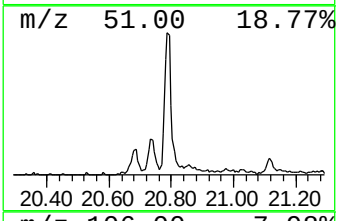


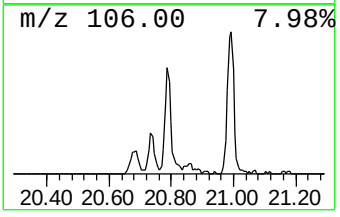












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010084.D
Acq On : 04 Mar 2020 15:37
Operator : CG/JU
Sample : L1641-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y7

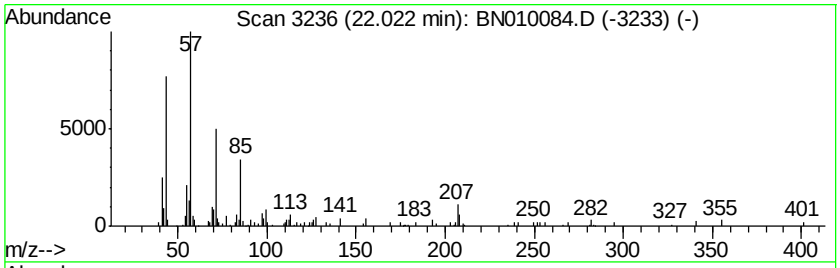
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

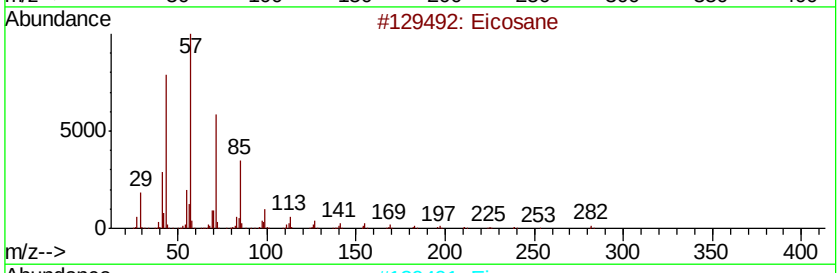
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

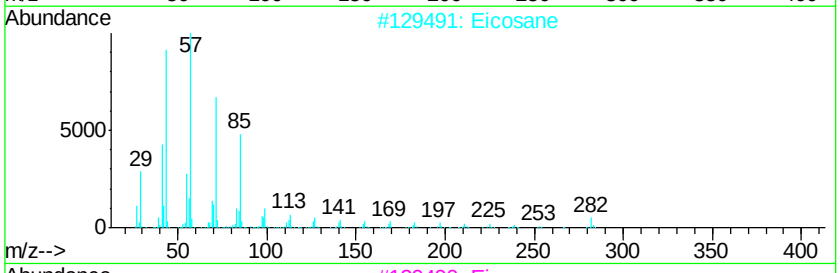
****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

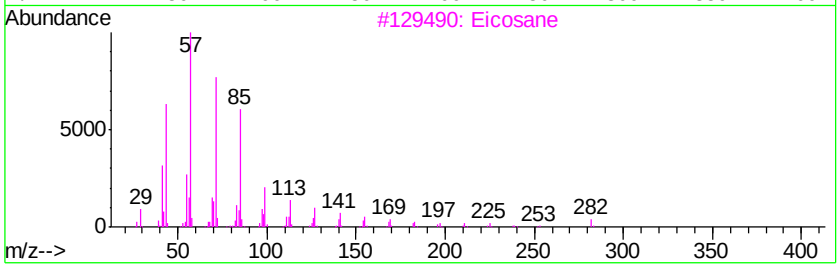
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	2.21 ng/ul	122274	Chrysene-d12	20.99

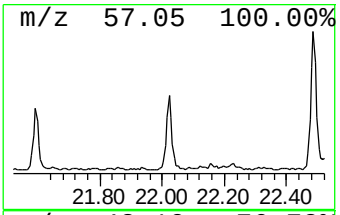
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Eicosane	282	C20H42	000112-95-8	83
4	Pentadecane	212	C15H32	000629-62-9	64
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	64

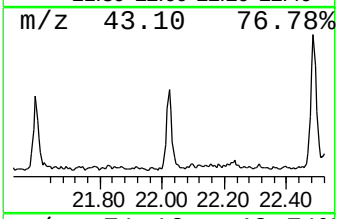


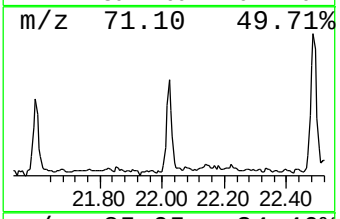


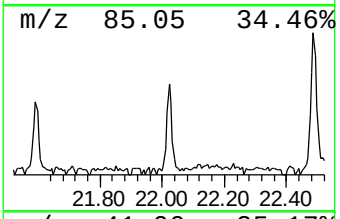


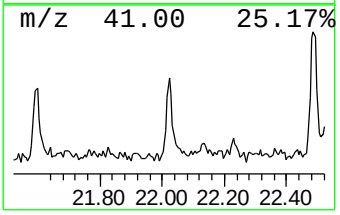












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010084.D
Acq On : 04 Mar 2020 15:37
Operator : CG/JU
Sample : L1641-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
2-Pentanone, 4-hy...	4.59	5.3	ng/ul	86123	1	7.36	324843	20.0
Ethanone, 2-(2-me...	20.68	3.1	ng/ul	169305	5	20.99	1105720	20.0
Morpholine, 4-phe...	20.73	5.4	ng/ul	298000	5	20.99	1105720	20.0
1,3-Dioxolane, 2-...	20.79	11.4	ng/ul	630320	5	20.99	1105720	20.0
(DEL) Alkane: Str...	22.02	2.2	ng/ul	122274	5	20.99	1105720	20.0