LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001838.D
Acq On : 22 Feb 2020 00:07
Operator : CG/JU
Sample : L1506-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY9

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_P\METHODS\SOM-EPA-BP021820MA.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	2.923	3	6	23	rVB	628487	978048	7.25%	0.723%
2	3.175	44	49	57	rVB	99954	145404	1.08%	0.107%
3	3.452	92	96	104	rBV	14554	33863	0.25%	0.025%
4	3.817	153	158	166	rVB4	8297	17670	0.13%	0.013%
5	3.905	169	173	178	rVB	11866	16444	0.12%	0.012%
6	4.122	206	210	216	rBV2	12785	19472	0.14%	0.014%
7	4.393	250	256	262	rBV	12306	22801	0.17%	0.017%
8	4.799	321	325	332	rVB2	19951	33253	0.25%	0.025%
9	6.834	663	671	684	rBV	1835904	3026162	22.42%	2.237%
10	6.993	691	698	710	rBV	1592414	2392308	17.73%	1.769%
11	7.187	724	731	741	rBV	1977222	3225746	23.90%	2.385%
12	7.652	802	810	819	rBV	1293335	2030946	15.05%	1.501%
13	7.734	819	824	829	rVB2	12360	19434	0.14%	0.014%
14	8.358	923	930	943	rBV	2410294	3797740	28.14%	2.808%
15	8.793	996	1004	1017	rBV	1796430	2995796	22.20%	2.215%
16	8.981	1029	1036	1044	rVB	9779	20337	0.15%	0.015%
17	9.287	1080	1088	1095	rBV	58770	91542	0.68%	0.068%
18	9.516	1118	1127	1135	rBV	1533415	2540658	18.82%	1.878%
19	10.052	1210	1218	1238	rBV	2639404	4266996	31.62%	3.154%
20	10.428	1274	1282	1296	rVB	1855361	3039431	22.52%	2.247%
21	10.557	1296	1304	1318	rBV	2429661	4143770	30.70%	3.063%
22	12.022	1546	1553	1561	rVB	45526	78998	0.59%	0.058%
23	13.210	1747	1755	1760	rVV2	38430	88082	0.65%	0.065%
24	13.704	1832	1839	1844	rBV	4387831	6318280	46.81%	4.671%
25	13.751	1844	1847	1854	rVB	640859	808508	5.99%	0.598%
26	13.981	1876	1886	1897	rBV	5329251	7965535	59.02%	5.889%
27	14.287	1931	1938	1946	rBV	2806713	4313736	31.96%	3.189%
28	14.487	1963	1972	1987	rBV	2102267	3027271	22.43%	2.238%
29	14.716	2006	2011	2020	rVB8	16878	29232	0.22%	0.022%
30	15.128	2076	2081	2086	rBV4	10046	14712	0.11%	0.011%
31	15.187	2087	2091	2096	rVB2	11013	16025	0.12%	0.012%
32	15.287	2101	2108	2121	rBV	6826018	9887399	73.26%	7.310%
33	15.404	2122	2128	2143	rBV	1926393	2546203	18.87%	1.882%
34	15.528	2144	2149	2155	rVB	82098	120131	0.89%	0.089%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001838.D
Acq On : 22 Feb 2020 00:07
Operator : CG/JU
Sample : L1506-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY9

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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

35	16.075	2238	2242	2254	rVB3	32083	65171	0.48%	0.048%
36	16.481	2308	2311	2319	rVB9	7680	13773	0.10%	0.010%
37	16.728	2349	2353	2357	rVB2	15013	21924	0.16%	0.016%
38	16.822	2365	2369	2378	rVB2	20336	47631	0.35%	0.035%
39	17.039	2400	2406	2416	rBV	3911899	5430526	40.24%	4.015%
40	17.139	2416	2423	2434	rBV2	7237620	10399167	77.05%	7.688%
41	17.245	2438	2441	2447	rVB6	17010	22825	0.17%	0.017%
42	17.404	2464	2468	2473	rBV4	14760	25332	0.19%	0.019%
43	17.734	2521	2524	2529	rVB7	10354	17151	0.13%	0.013%
44	17.845	2538	2543	2549	rBV8	19702	40604	0.30%	0.030%
45	17.904	2549	2553	2558	rBV2	81806	129583	0.96%	0.096%
46	17.969	2559	2564	2580	rBV2	1106271	1796465	13.31%	1.328%
47	18.251	2609	2612	2622	rVB2	43580	69997	0.52%	0.052%
48	18.798	2702	2705	2711	rVB4	48565	67622	0.50%	0.050%
49	19.028	2740	2744	2747	rBV	114697	145496	1.08%	0.108%
50	19.204	2770	2774	2781	rBV	111704	166259	1.23%	0.123%
51	19.275	2782	2786	2794	rVB	101450	154332	1.14%	0.114%
52	19.386	2798	2805	2816	rVB	9379599	12997227	96.30%	9.609%
53	19.910	2891	2894	2899	rBV3	65978	87952	0.65%	0.065%
54	20.875	3053	3058	3072	rBV	2795745	3634574	26.93%	2.687%
55	21.133	3096	3102	3111	rBV	5167862	6627849	49.11%	4.900%
56	21.251	3118	3122	3128	rBV	288125	433214	3.21%	0.320%
57	21.310	3129	3132	3137	rVB	118148	143706	1.06%	0.106%
58	21.751	3203	3207	3218	rBV2	268337	432284	3.20%	0.320%
59	22.192	3277	3282	3288	rBV2	437540	876773	6.50%	0.648%
60	22.333	3303	3306	3312	rVB	334633	436205	3.23%	0.322%
61	22.716	3368	3371	3375	rVB	271833	338773	2.51%	0.250%
62	23.210	3447	3455	3463	rBV	7127837	13496591	100.00%	9.978%
63	23.286	3464	3468	3472	rVV	310644	530772	3.93%	0.392%
64	23.345	3472	3478	3490	rVB	3530906	6666689	49.40%	4.929%
65	23.939	3574	3579	3586	rBV	354904	666163	4.94%	0.492%
66	24.016	3586	3592	3605	rVB	582822	1213221	8.99%	0.897%

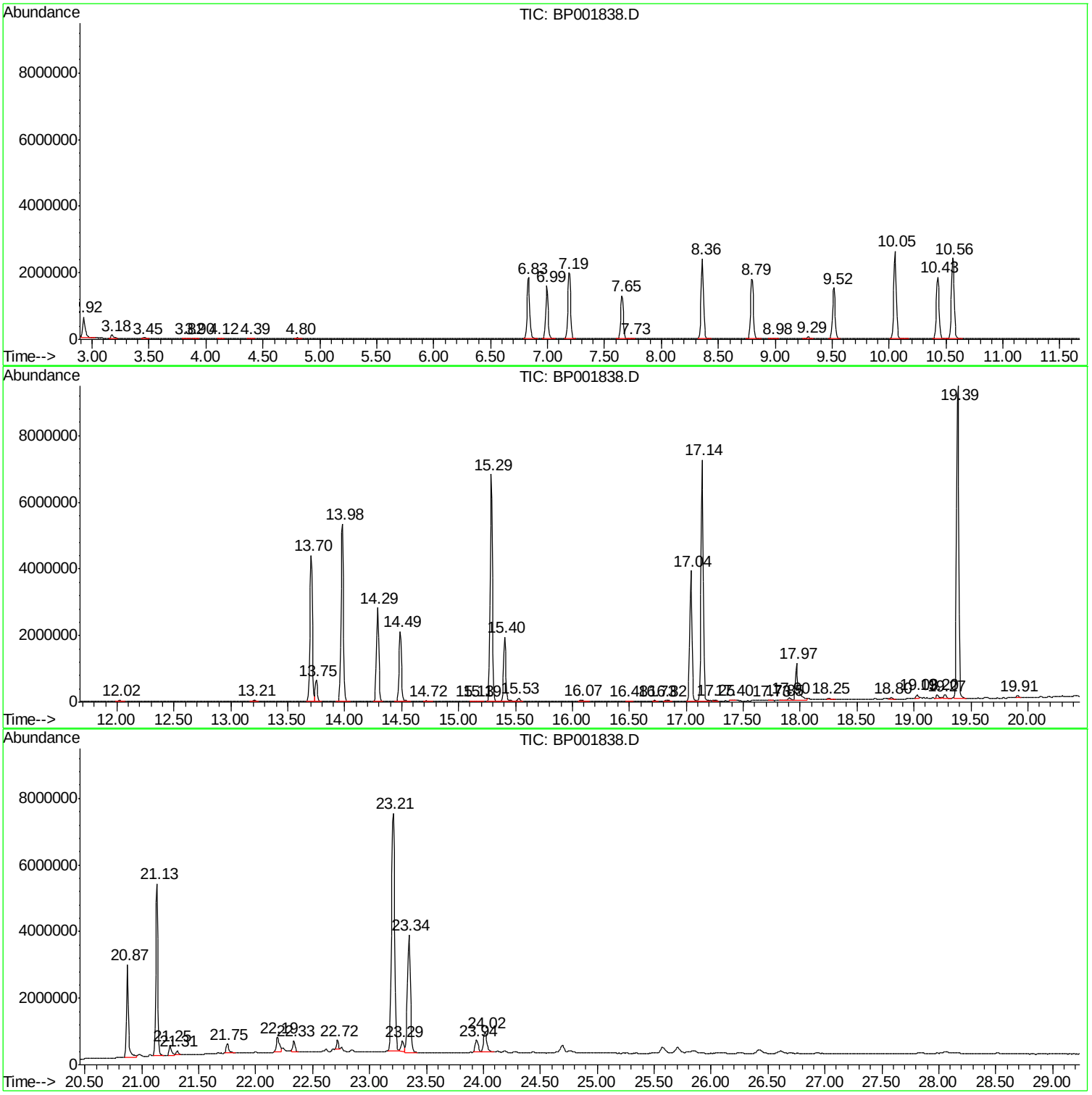
Sum of corrected areas: 135267784

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001838.D
Acq On : 22 Feb 2020 00:07
Operator : CG/JU
Sample : L1506-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBCY9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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 P\DATA\BP022120\
Data File : BP001838.D
Acq On : 22 Feb 2020 00:07
Operator : CG/JU
Sample : L1506-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

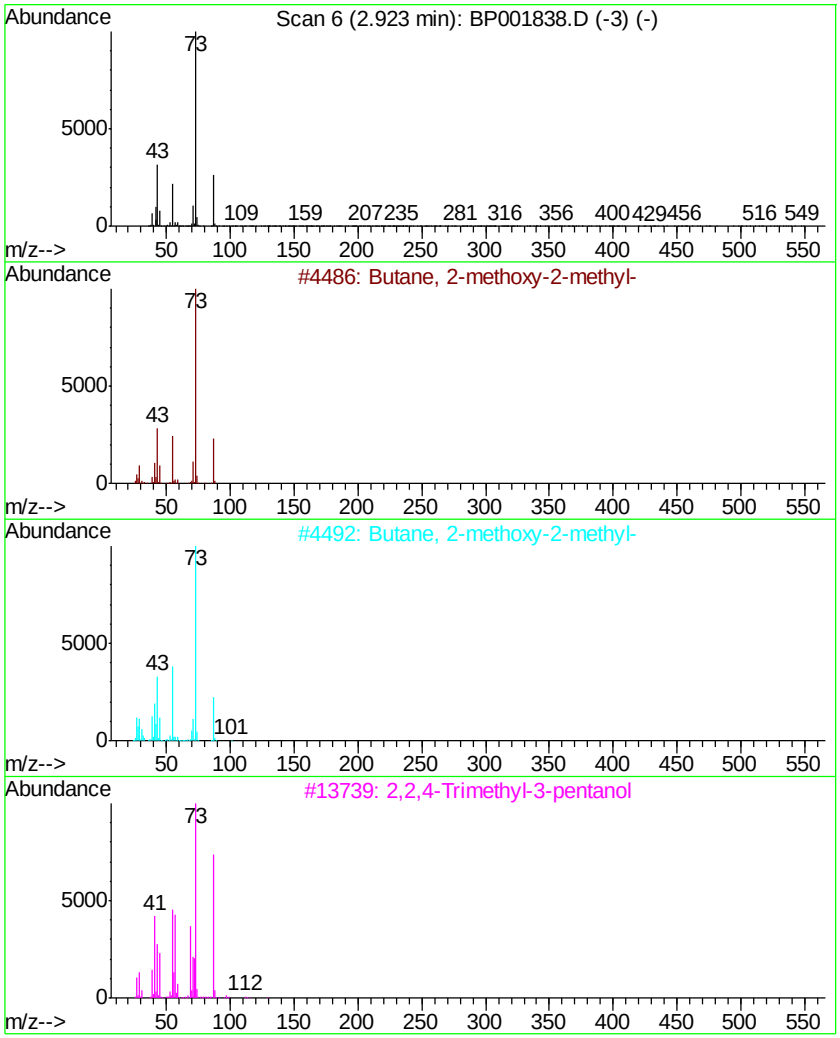
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

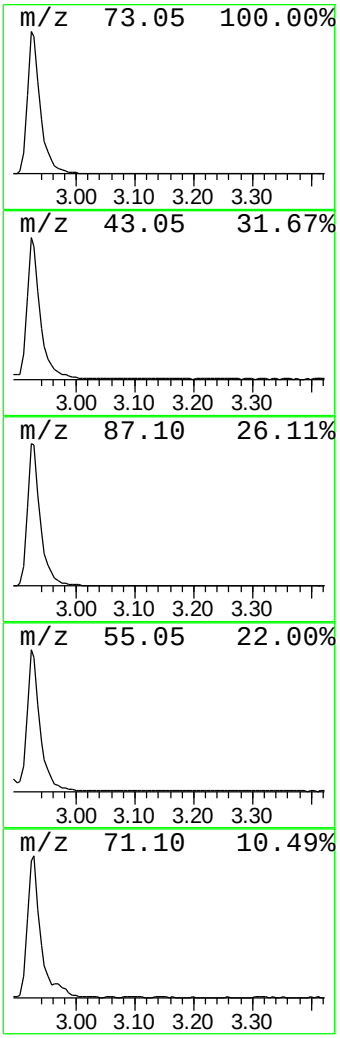
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	9.63 ng/ul	978048	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001838.D
Acq On : 22 Feb 2020 00:07
Operator : CG/JU
Sample : L1506-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

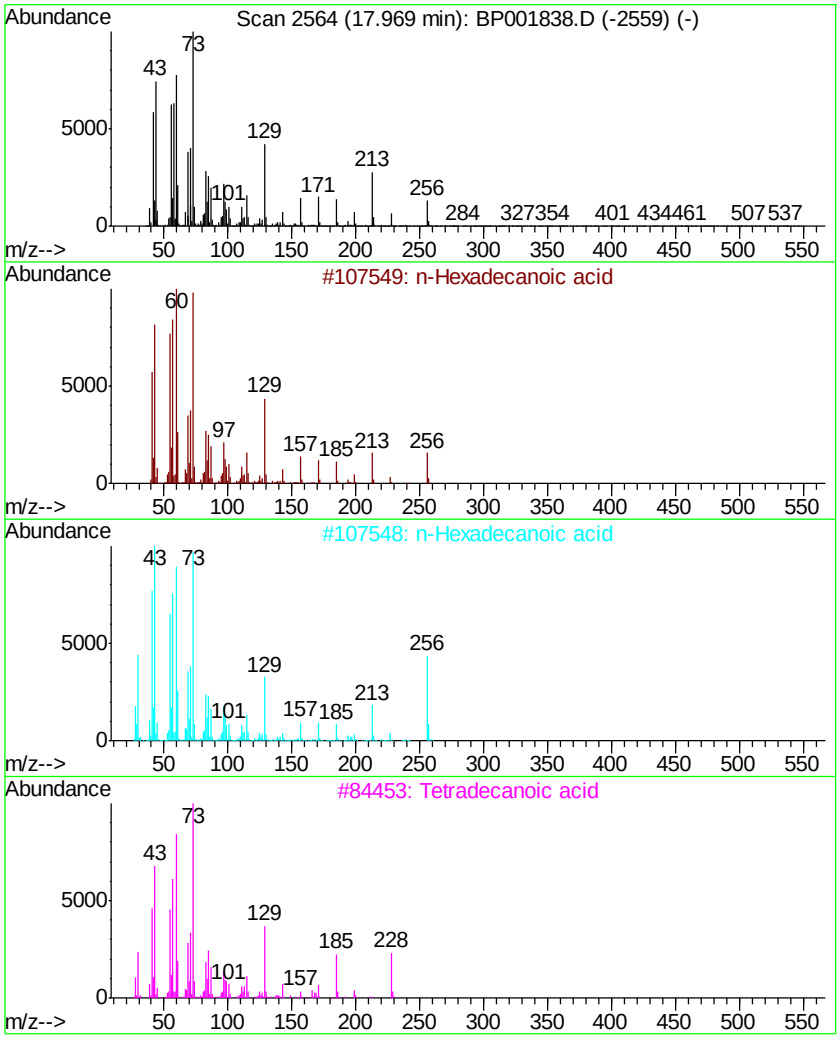
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

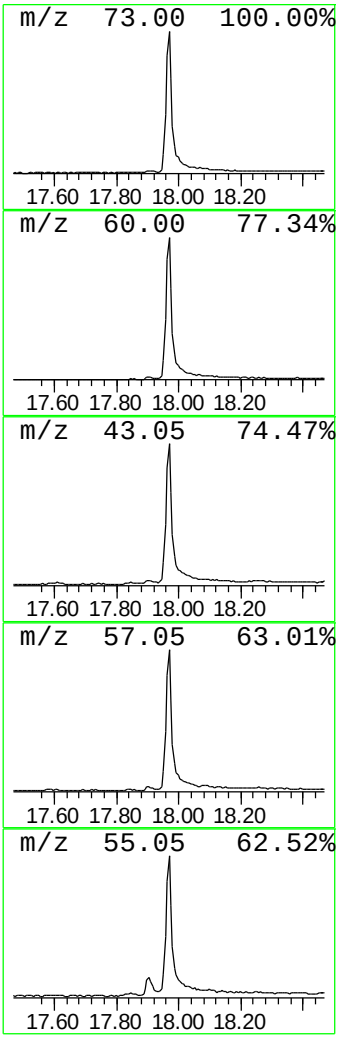
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.62 ng/ul	1796470	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001838.D
Acq On : 22 Feb 2020 00:07
Operator : CG/JU
Sample : L1506-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

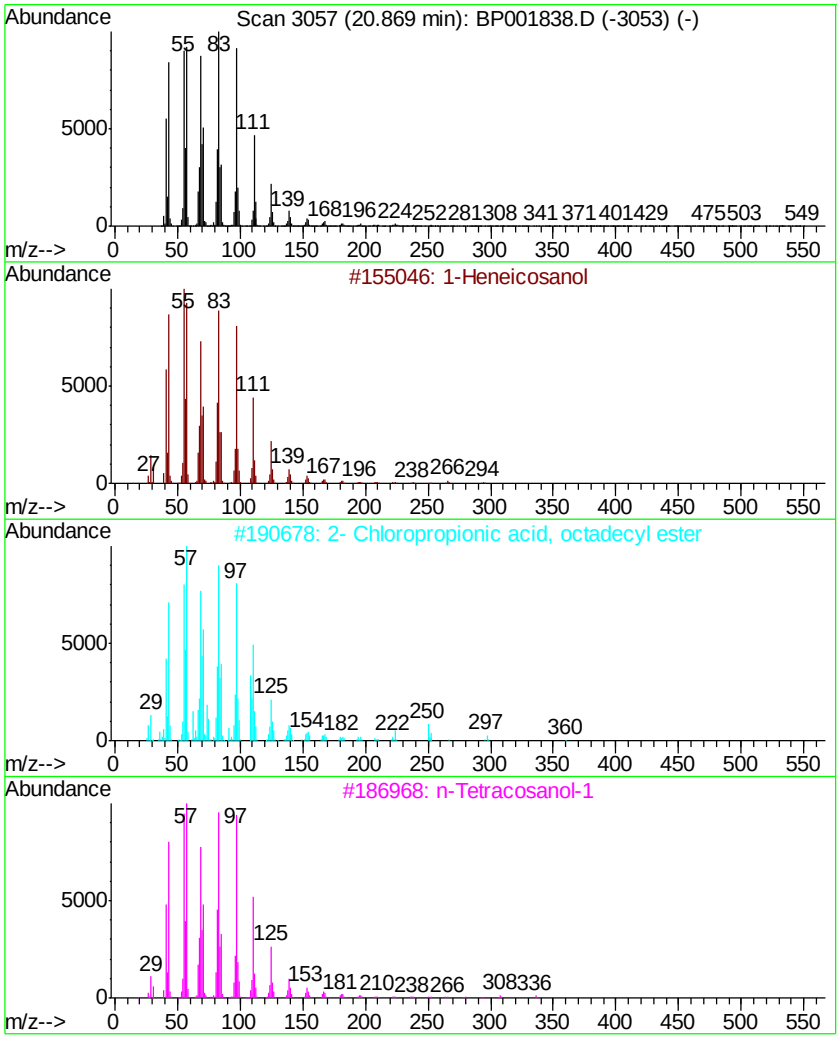
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

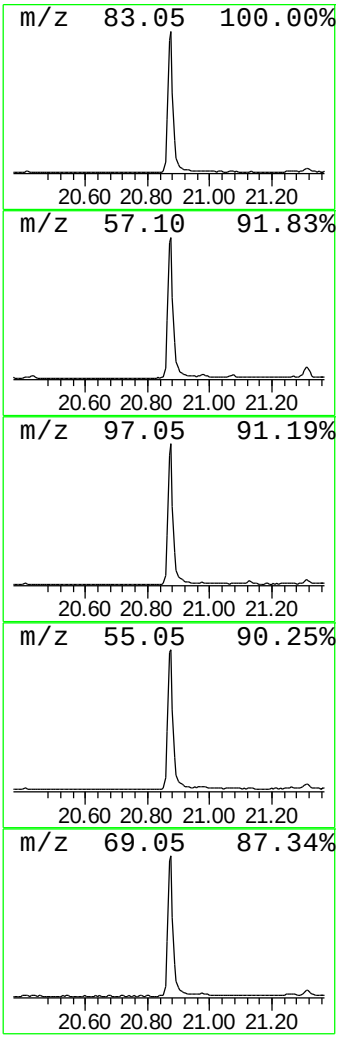
****

Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	10.97 ng/ul	3634570	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001838.D
Acq On : 22 Feb 2020 00:07
Operator : CG/JU
Sample : L1506-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

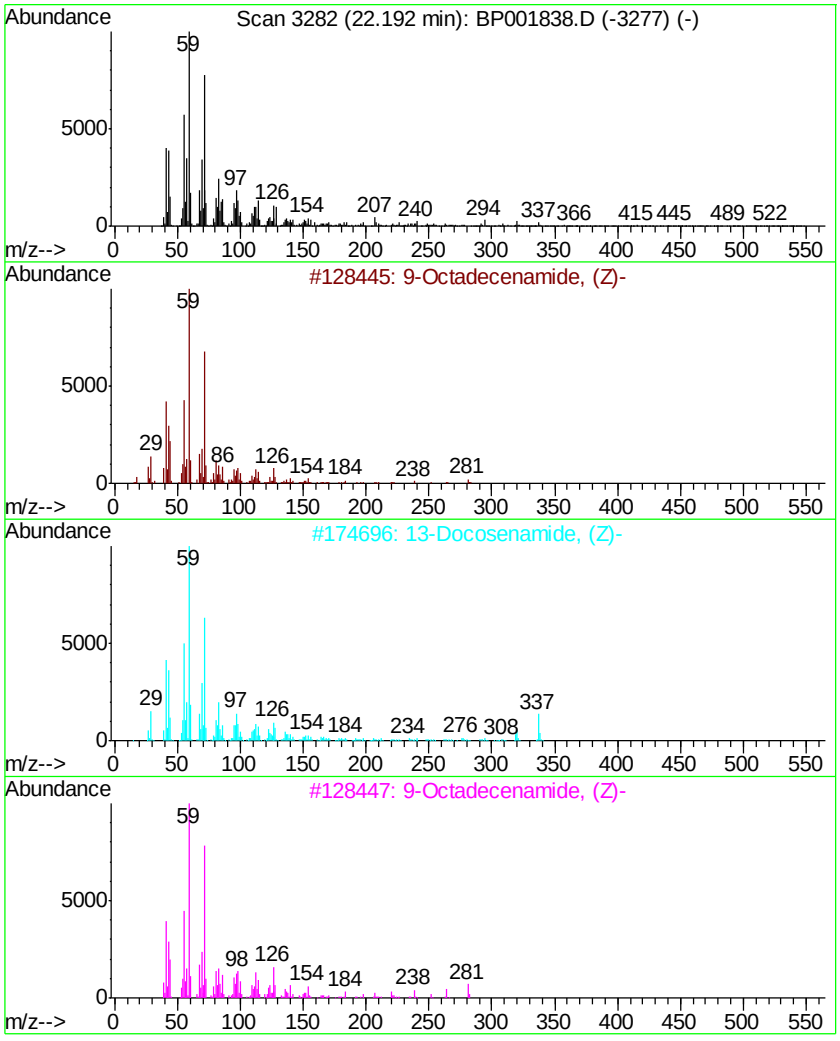
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

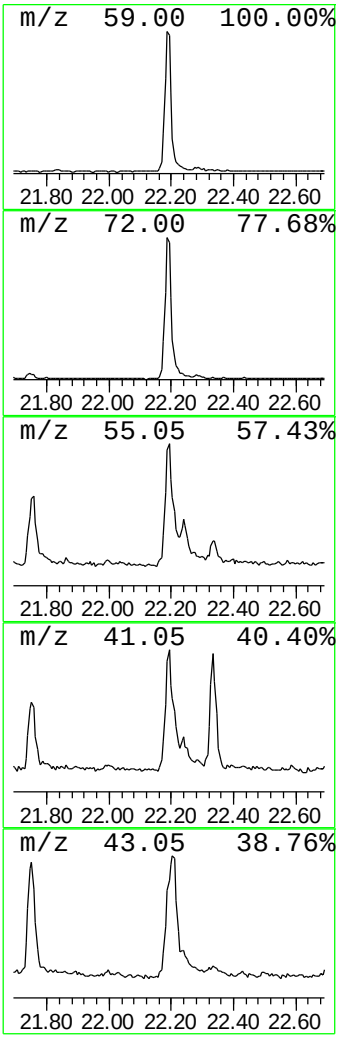
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.65 ng/ul	876773	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	74
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
5	7-Nonenamide	155	C9H17NO	090949-53-4	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001838.D
Acq On : 22 Feb 2020 00:07
Operator : CG/JU
Sample : L1506-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

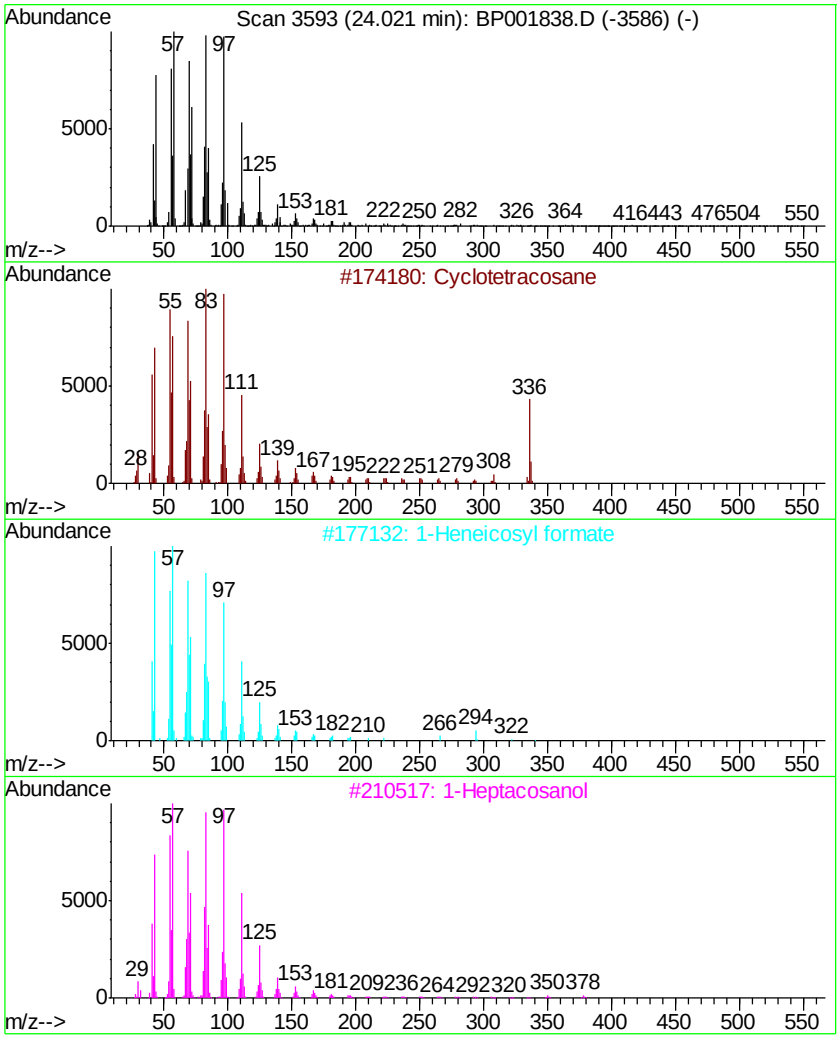
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

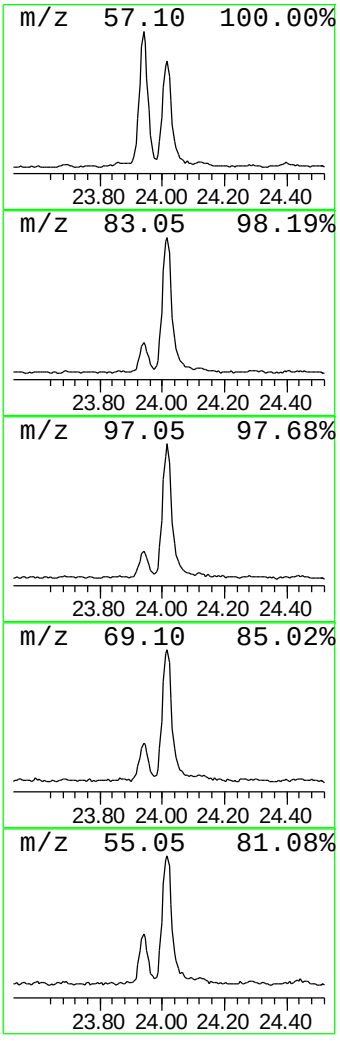
****

Peak Number 5 (DEL) Alkane: Cyclic24.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	3.64 ng/ul	1213220	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022120\
Data File : BP001838.D
Acq On : 22 Feb 2020 00:07
Operator : CG/JU
Sample : L1506-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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
Butane, 2-methoxy...	2.92	9.6	ng/ul	978048	1	7.65	2030950	20.0
n-Hexadecanoic acid	17.97	6.6	ng/ul	1796470	4	17.04	5430530	20.0
1-Heneicosanol	20.87	11.0	ng/ul	3634570	5	21.13	6627850	20.0
9-Octadecenamide,...	22.19	2.6	ng/ul	876773	5	21.13	6627850	20.0
(DEL) Alkane: Cyc...	24.02	3.6	ng/ul	1213220	6	23.34	6666690	20.0