LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010664.D
Acq On : 29 Apr 2020 20:43
Operator : CG/JU
Sample : L2435-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AG2

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-BN040920MA.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	2.881	11	16	25	rBV	178305	375963	4.27%	0.371%
2	2.952	25	28	45	rVB	206553	369115	4.19%	0.364%
3	3.199	66	70	84	rBV	47826	88854	1.01%	0.088%
4	3.899	183	189	192	rBV4	15501	27170	0.31%	0.027%
5	4.775	333	338	345	rBV2	14423	27576	0.31%	0.027%
6	6.616	648	651	657	rBV7	5022	10922	0.12%	0.011%
7	6.769	669	677	691	rBV	1250094	2061003	23.38%	2.033%
8	6.928	696	704	716	rBV	980846	1523982	17.29%	1.504%
9	7.122	730	737	746	rBV	1400854	2200526	24.97%	2.171%
10	7.222	750	754	762	rBV2	30166	62967	0.71%	0.062%
11	7.581	807	815	824	rBV	1509722	2408588	27.33%	2.376%
12	7.663	824	829	833	rVB2	19059	30682	0.35%	0.030%
13	8.287	928	935	949	rBV	1730762	2729231	30.96%	2.693%
14	8.716	1002	1008	1016	rBV	1281292	2041108	23.16%	2.014%
15	8.863	1027	1033	1035	rBV6	7553	11273	0.13%	0.011%
16	8.898	1035	1039	1046	rVB9	10797	19863	0.23%	0.020%
17	9.193	1084	1089	1093	rVB2	46853	68155	0.77%	0.067%
18	9.428	1122	1129	1138	rBV	1086970	1770620	20.09%	1.747%
19	9.487	1138	1139	1144	rVB5	9647	10510	0.12%	0.010%
20	9.969	1213	1221	1237	rBV	1832455	3094859	35.11%	3.053%
21	10.334	1275	1283	1292	rBV	2324748	3771628	42.79%	3.721%
22	10.475	1299	1307	1318	rBV	1707992	2949336	33.46%	2.910%
23	11.675	1506	1511	1516	rBV5	8674	15715	0.18%	0.016%
24	11.928	1549	1554	1561	rVV2	32640	52532	0.60%	0.052%
25	13.057	1743	1746	1750	rBV6	7818	9738	0.11%	0.010%
26	13.122	1752	1757	1763	rBV2	30680	47575	0.54%	0.047%
27	13.439	1805	1811	1816	rVB6	18672	29604	0.34%	0.029%
28	13.510	1818	1823	1826	rBV6	6306	11006	0.12%	0.011%
29	13.622	1836	1842	1847	rBV	3193092	4579476	51.96%	4.518%
30	13.669	1847	1850	1860	rVB	1492734	2041336	23.16%	2.014%
31	13.892	1881	1888	1900	rBV	3994014	5727073	64.98%	5.650%
32	14.139	1926	1930	1934	rVB3	12027	16165	0.18%	0.016%
33	14.204	1934	1941	1952	rBV	3630287	5383480	61.08%	5.311%
34	14.422	1971	1978	2002	rBV	1070082	1841561	20.89%	1.817%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010664.D
Acq On : 29 Apr 2020 20:43
Operator : CG/JU
Sample : L2435-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AG2

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-BN040920MA.M
Title : SVOA CALIBRATION

35	14.657	2011	2018	2022	rVB7	14732	32388	0.37%	0.032%
36	15.039	2080	2083	2088	rVB5	10012	15159	0.17%	0.015%
37	15.092	2090	2092	2095	rVV3	11327	12105	0.14%	0.012%
38	15.204	2104	2111	2119	rBV	5179189	7254672	82.31%	7.158%
39	15.257	2119	2120	2124	rVV4	17167	18227	0.21%	0.018%
40	15.327	2126	2132	2147	rVV	1094344	1463476	16.60%	1.444%
41	15.445	2147	2152	2156	rVB2	55309	84728	0.96%	0.084%
42	15.657	2185	2188	2192	rVB4	6607	9491	0.11%	0.009%
43	15.775	2204	2208	2210	rBV5	10401	12152	0.14%	0.012%
44	15.904	2223	2230	2237	rBV8	11808	32765	0.37%	0.032%
45	15.957	2237	2239	2242	rVV3	11105	15915	0.18%	0.016%
46	15.992	2242	2245	2252	rVB5	25344	39232	0.45%	0.039%
47	16.504	2329	2332	2337	rBV6	10225	16034	0.18%	0.016%
48	16.633	2351	2354	2358	rVB5	14094	17652	0.20%	0.017%
49	16.745	2367	2373	2378	rBV5	26457	47814	0.54%	0.047%
50	16.957	2402	2409	2419	rVV	4509890	6509037	73.85%	6.422%
51	17.051	2419	2425	2437	rVV	5620530	7781164	88.28%	7.677%
52	17.486	2494	2499	2502	rBV6	9865	12995	0.15%	0.013%
53	17.657	2522	2528	2532	rBV9	6657	15781	0.18%	0.016%
54	17.874	2560	2565	2572	rBV	197727	297604	3.38%	0.294%
55	18.186	2613	2618	2620	rBV6	15480	23137	0.26%	0.023%
56	18.745	2709	2713	2720	rBV8	54060	90204	1.02%	0.089%
57	18.821	2724	2726	2730	rVB4	20351	19522	0.22%	0.019%
58	18.898	2736	2739	2740	rBV2	10028	10891	0.12%	0.011%
59	18.992	2751	2755	2758	rBV	61440	82919	0.94%	0.082%
60	19.168	2781	2785	2789	rBV4	69202	95400	1.08%	0.094%
61	19.245	2793	2798	2802	rVB	61361	91807	1.04%	0.091%
62	19.357	2810	2817	2823	rBV	6710833	8813928	100.00%	8.696%
63	19.945	2914	2917	2920	rBV4	45151	49179	0.56%	0.049%
64	20.439	2999	3001	3005	rVB3	73461	78567	0.89%	0.078%
65	20.904	3075	3080	3090	rBV2	510318	855637	9.71%	0.844%
66	21.157	3118	3123	3132	rBV	5048005	6282988	71.28%	6.199%
67	21.351	3152	3156	3159	rBV	218182	245591	2.79%	0.242%
68	21.774	3225	3228	3232	rVB3	322281	354473	4.02%	0.350%
69	22.221	3299	3304	3312	rVB2	562343	920210	10.44%	0.908%
70	22.709	3384	3387	3392	rVB	481059	613898	6.97%	0.606%
71	23.186	3462	3468	3474	rBV	3916121	6680143	75.79%	6.591%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010664.D
Acq On : 29 Apr 2020 20:43
Operator : CG/JU
Sample : L2435-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AG2

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-BN040920MA.M
Title : SVOA CALIBRATION

72	23.251	3476	3479	3484	rVV	493286	753710	8.55%	0.744%
73	23.321	3485	3491	3502	rVB2	3118128	5570422	63.20%	5.496%
74	23.868	3580	3584	3590	rVB2	399745	626636	7.11%	0.618%

Sum of corrected areas: 101356845

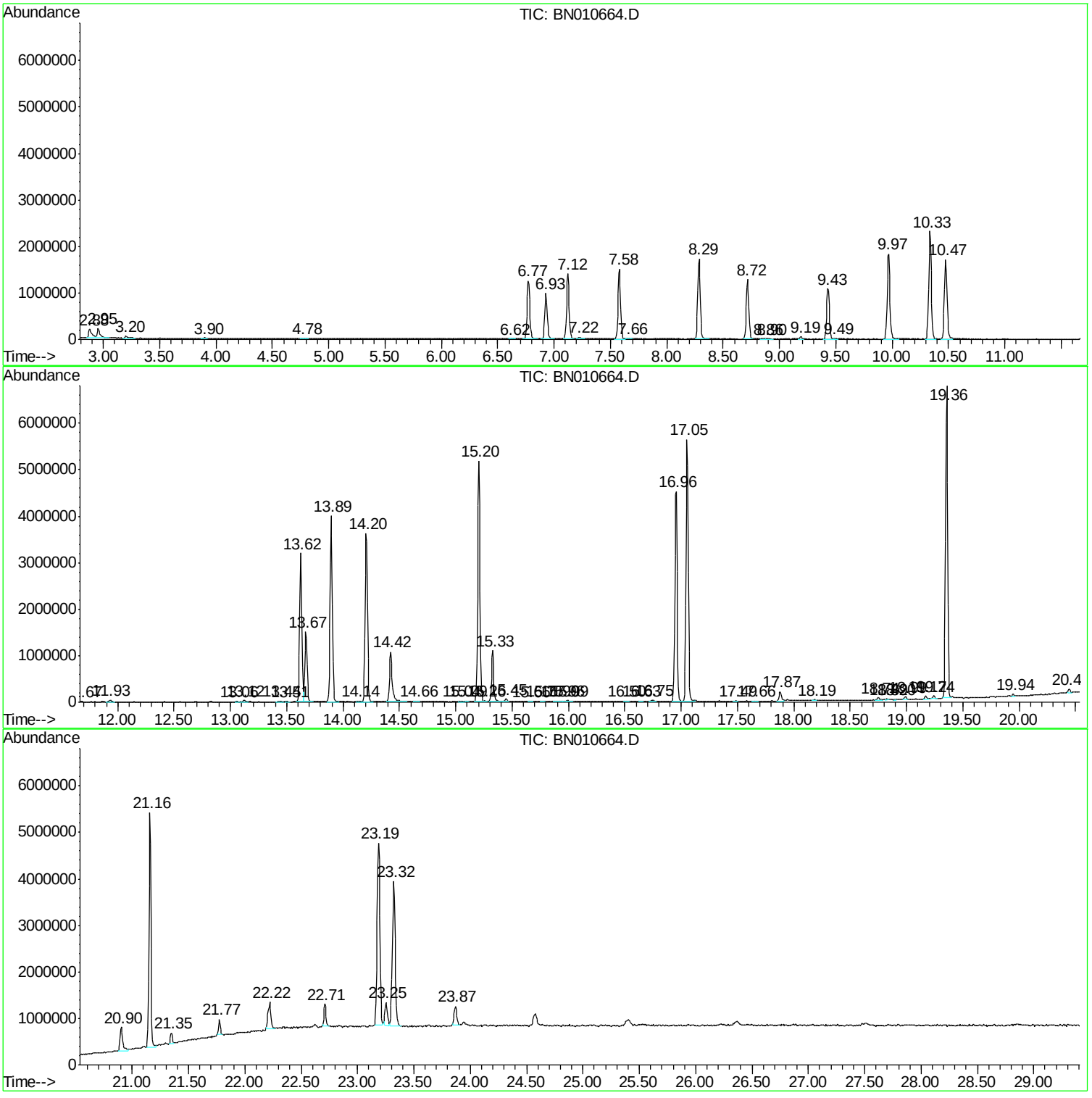
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010664.D
Acq On : 29 Apr 2020 20:43
Operator : CG/JU
Sample : L2435-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010664.D
Acq On : 29 Apr 2020 20:43
Operator : CG/JU
Sample : L2435-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

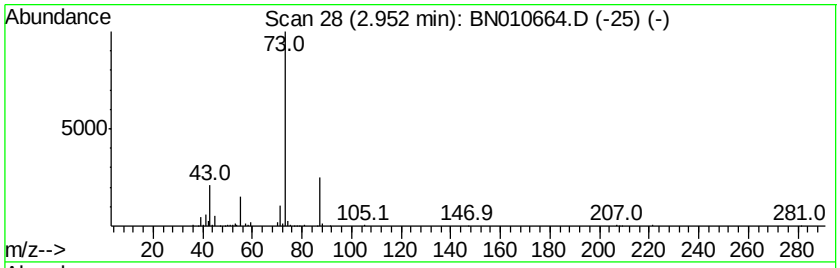
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

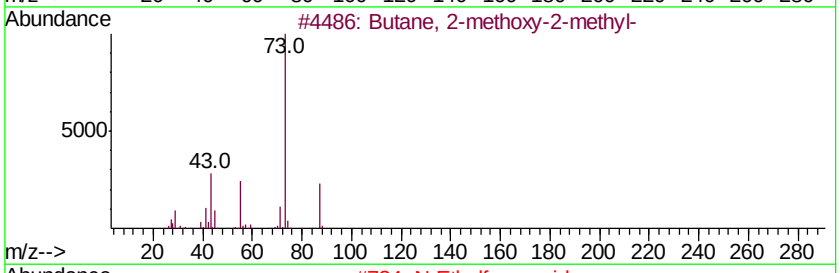
****

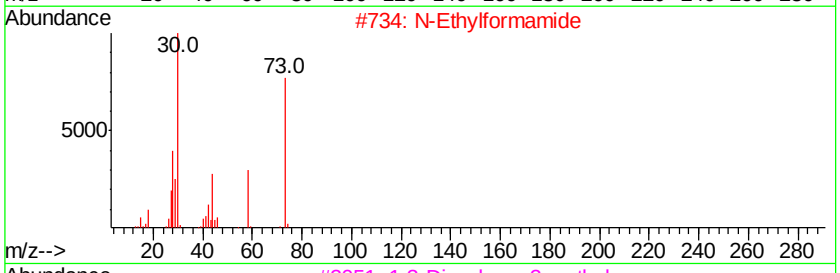
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

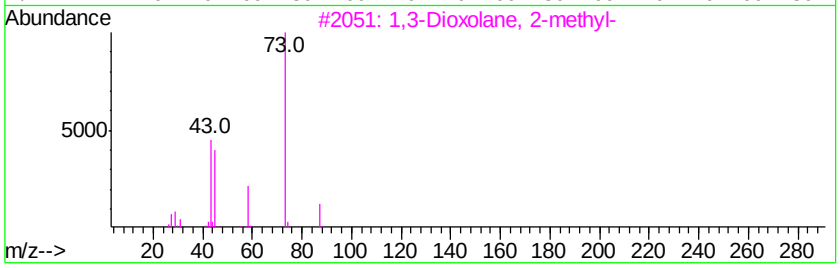
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	3.06 ng/ul	369115	1,4-Dichlorobenzene-d4	7.58

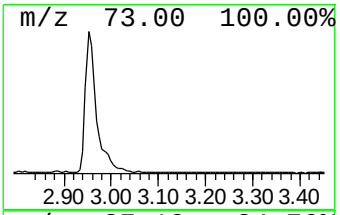
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Myo-Inositol, 4-C-methyl-	194	C7H14O6	000472-95-7	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9

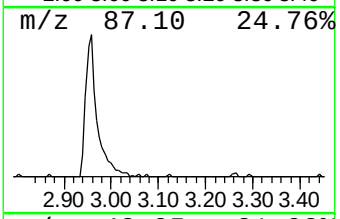


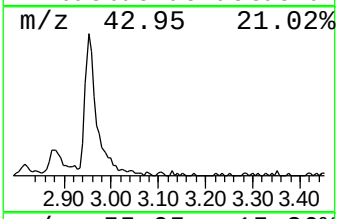


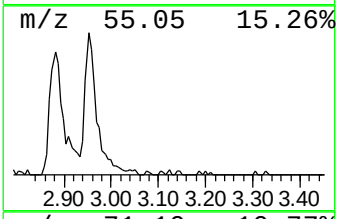


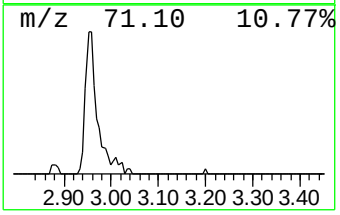












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010664.D
Acq On : 29 Apr 2020 20:43
Operator : CG/JU
Sample : L2435-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

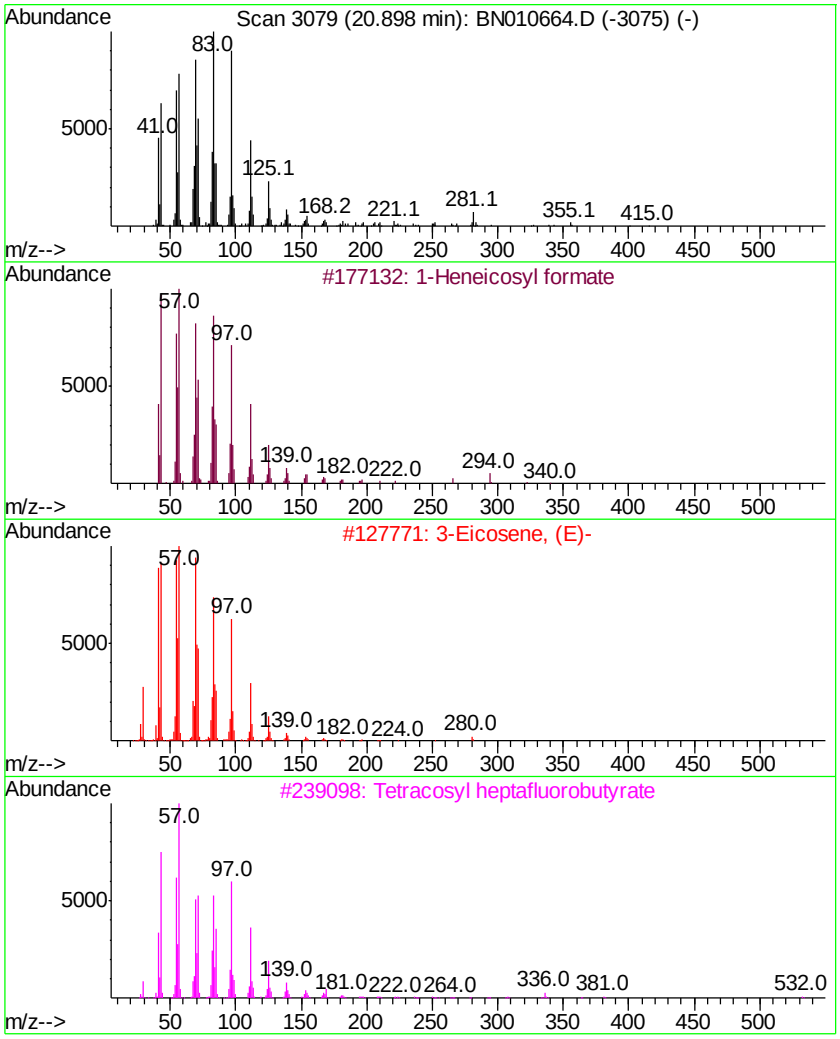
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

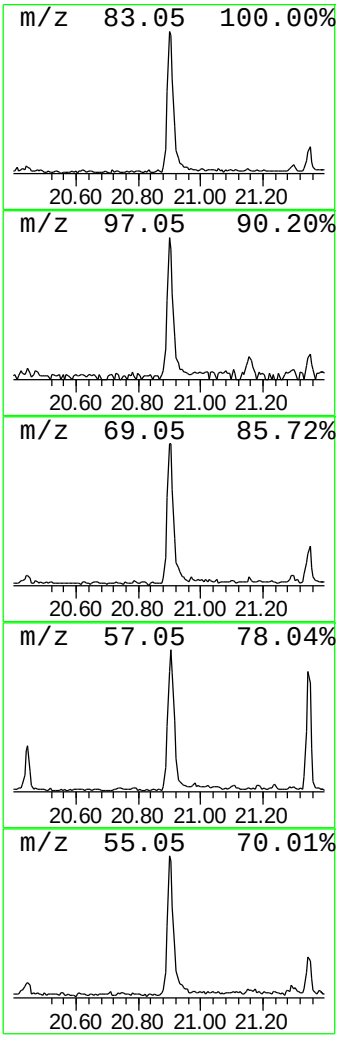
****

Peak Number 3 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.72 ng/ul	855637	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	81
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	76
5	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010664.D
Acq On : 29 Apr 2020 20:43
Operator : CG/JU
Sample : L2435-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

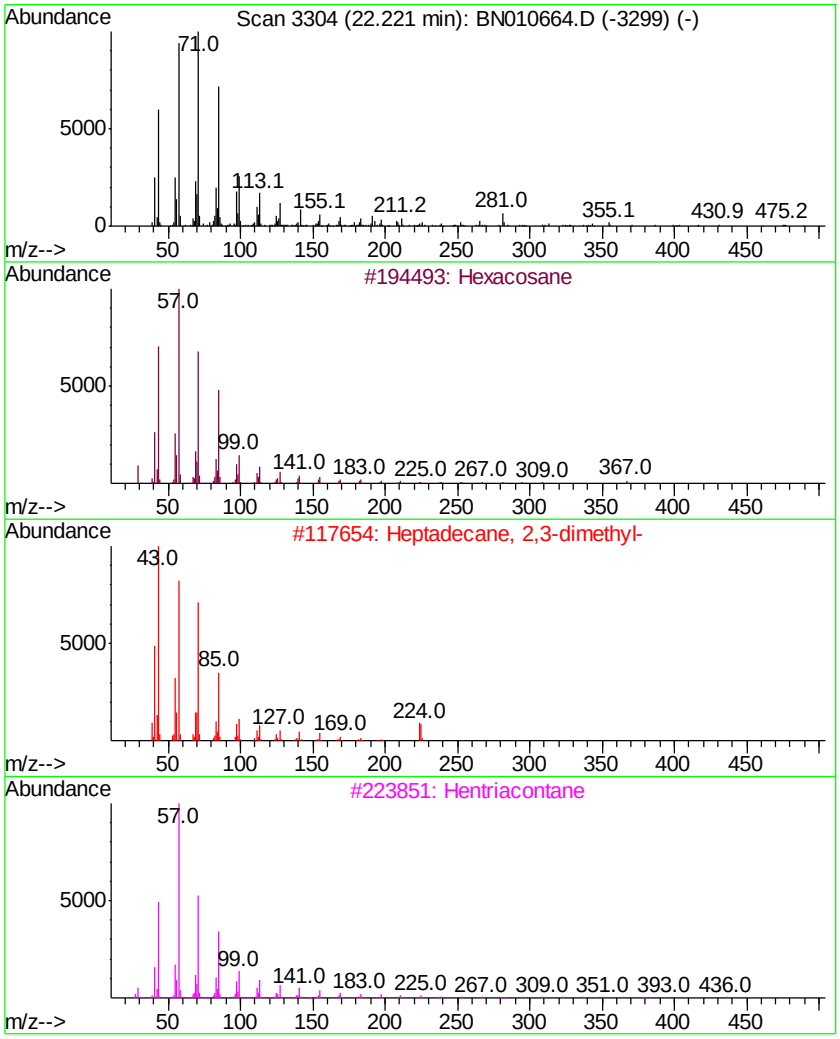
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

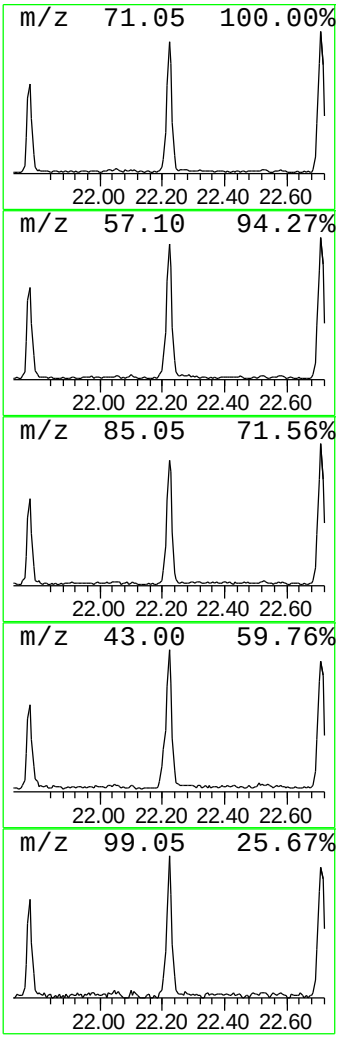
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.93 ng/ul	920210	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane, 2,3-dimethyl-	268	C19H40	061868-03-9	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010664.D
Acq On : 29 Apr 2020 20:43
Operator : CG/JU
Sample : L2435-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

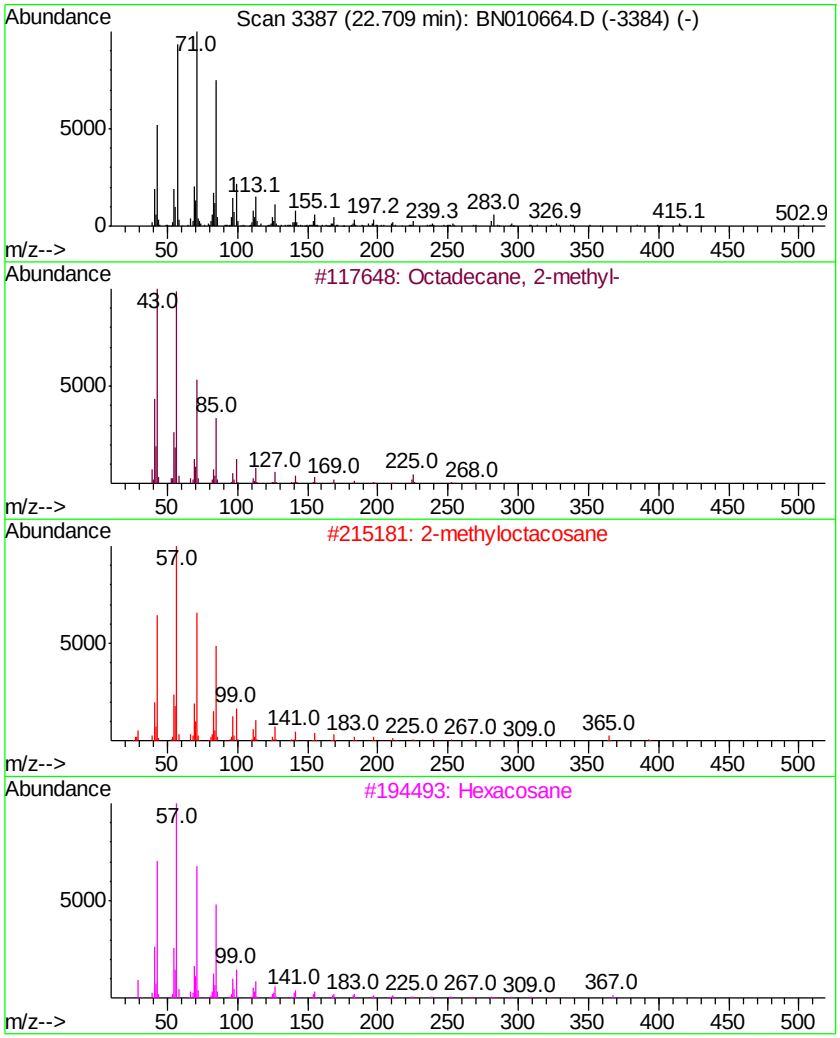
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

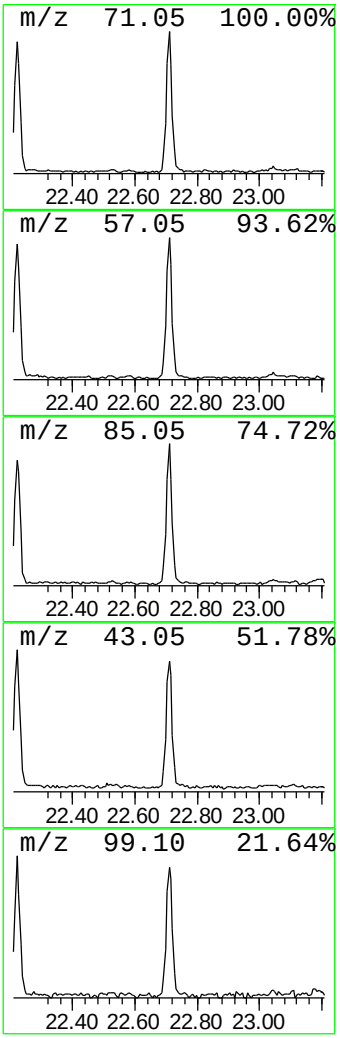
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	2.20 ng/ul	613898	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Triacontane	422	C30H62	000638-68-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010664.D
Acq On : 29 Apr 2020 20:43
Operator : CG/JU
Sample : L2435-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AG2

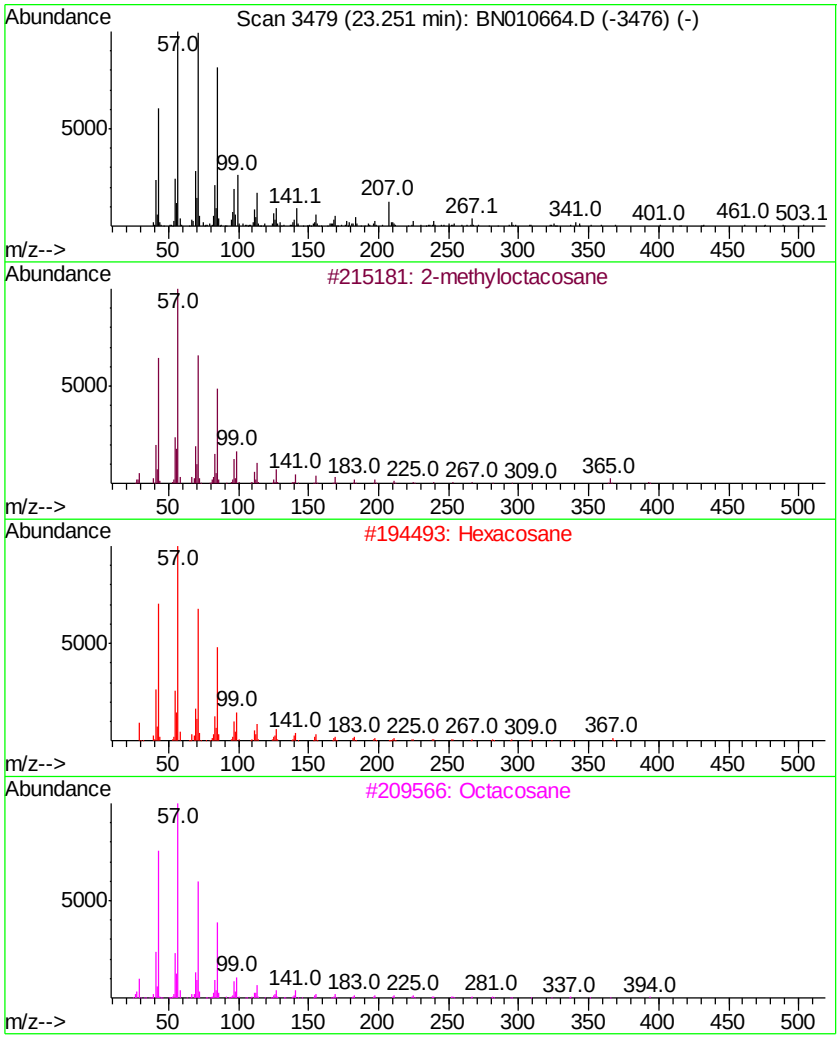
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

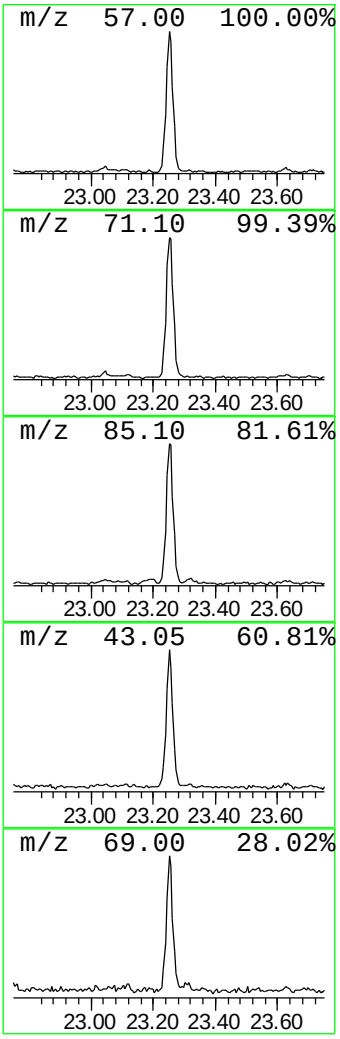
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	2.71 ng/ul	753710	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane	394	C28H58	000630-02-4	83
4	Docosane	310	C22H46	000629-97-0	80
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010664.D
Acq On : 29 Apr 2020 20:43
Operator : CG/JU
Sample : L2435-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

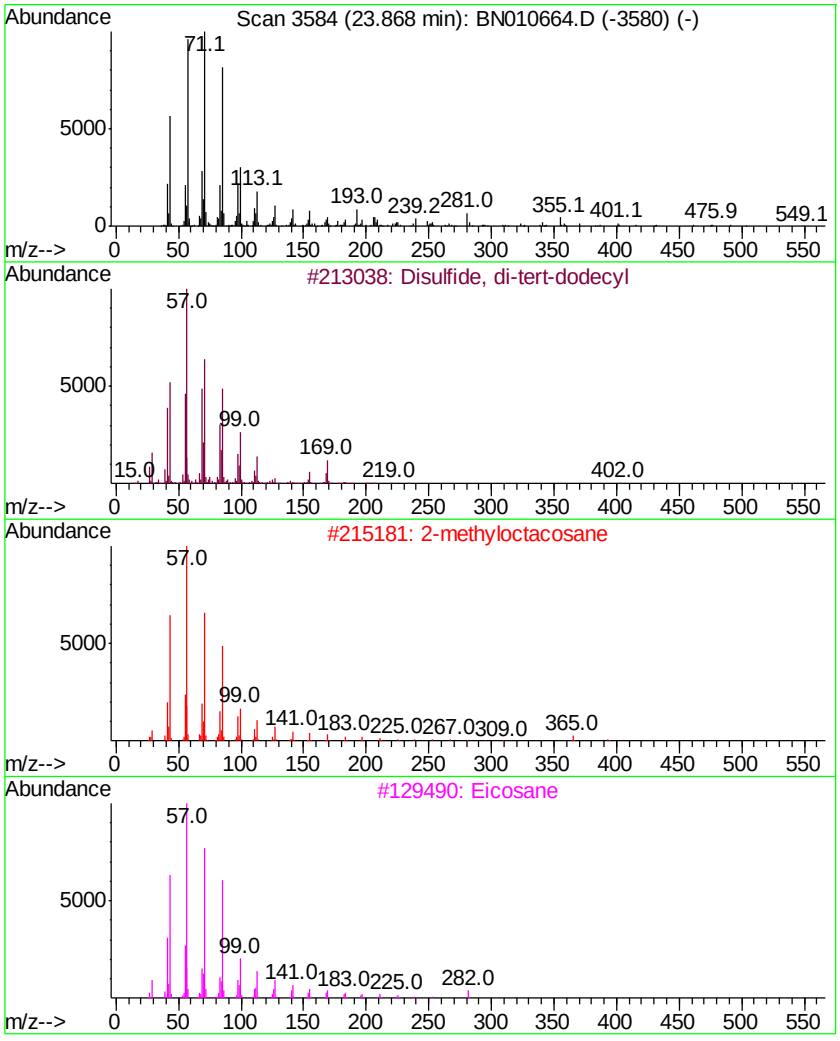
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

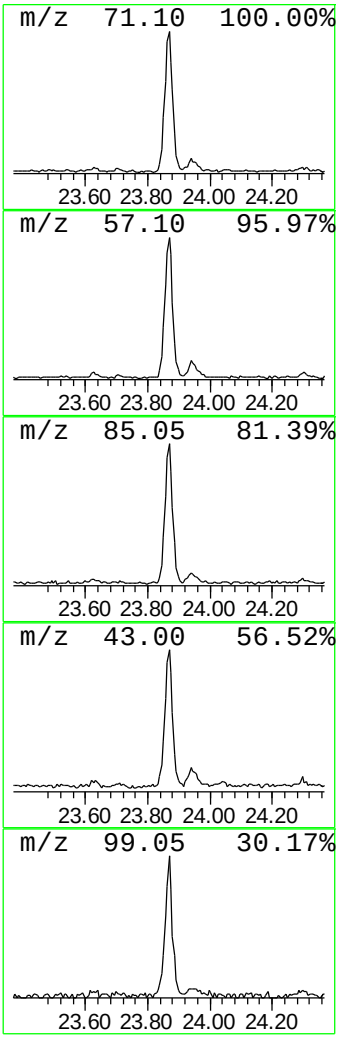
****

Peak Number 7 Disulfide, di-tert-dodecyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	2.25 ng/ul	626636	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Heptacosane	380	C27H56	000593-49-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042920\
Data File : BN010664.D
Acq On : 29 Apr 2020 20:43
Operator : CG/JU
Sample : L2435-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.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...	2.95	3.1	ng/ul	369115	1	7.58	2408590	20.0
1-Heneicosyl formate	20.90	2.7	ng/ul	855637	5	21.16	6282990	20.0
(DEL) Alkane: Str...	22.22	2.9	ng/ul	920210	5	21.16	6282990	20.0
(DEL) Alkane: Str...	22.71	2.2	ng/ul	613898	6	23.32	5570420	20.0
(DEL) Alkane: Str...	23.25	2.7	ng/ul	753710	6	23.32	5570420	20.0
Disulfide, di-ter...	23.87	2.3	ng/ul	626636	6	23.32	5570420	20.0