LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001908.D
Acq On : 25 Feb 2020 21:04
Operator : CG/JU
Sample : L1543-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD58

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	2.922	3	6	23	rVB	676075	992210	9.13%	0.799%
2	3.169	44	48	57	rBV	83375	123262	1.13%	0.099%
3	3.899	168	172	179	rVB	18527	28429	0.26%	0.023%
4	4.799	320	325	334	rVB2	18426	32751	0.30%	0.026%
5	6.828	662	670	684	rBV	1545559	2472970	22.75%	1.990%
6	6.987	691	697	713	rVB	1247677	1976382	18.18%	1.591%
7	7.187	724	731	741	rBV	1615295	2638099	24.27%	2.123%
8	7.263	741	744	750	rVB	13306	20398	0.19%	0.016%
9	7.452	770	776	783	rBV2	25433	46591	0.43%	0.037%
10	7.652	802	810	820	rBV	1781808	2802051	25.77%	2.255%
11	7.728	820	823	831	rVB3	12264	19783	0.18%	0.016%
12	8.357	922	930	941	rBV	1980800	3212945	29.55%	2.586%
13	8.793	995	1004	1018	rBV	1522733	2444644	22.49%	1.967%
14	8.975	1031	1035	1040	rBV7	7746	12273	0.11%	0.010%
15	9.281	1079	1087	1095	rVB	37265	63487	0.58%	0.051%
16	9.510	1116	1126	1134	rBV	1256191	2033040	18.70%	1.636%
17	10.046	1209	1217	1234	rBV	2095401	3548911	32.64%	2.856%
18	10.422	1272	1281	1290	rBV	2563371	4262738	39.21%	3.431%
19	10.557	1296	1304	1320	rBV	1728803	3047475	28.03%	2.453%
20	12.016	1546	1552	1564	rBV2	38058	69101	0.64%	0.056%
21	13.204	1749	1754	1759	rBV2	20484	35996	0.33%	0.029%
22	13.522	1804	1808	1814	rBV7	8620	13765	0.13%	0.011%
23	13.698	1831	1838	1843	rBV	3634410	5092230	46.84%	4.098%
24	13.745	1843	1846	1853	rVB	304037	402368	3.70%	0.324%
25	13.975	1877	1885	1897	rBV	4526430	6621994	60.91%	5.329%
26	14.287	1931	1938	1947	rBV	4216074	6050502	55.65%	4.870%
27	14.487	1964	1972	1990	rBV	1382689	2127317	19.57%	1.712%
28	14.710	2006	2010	2017	rVB4	19930	33897	0.31%	0.027%
29	15.122	2074	2080	2084	rVB5	9862	15086	0.14%	0.012%
30	15.181	2084	2090	2094	rBV5	10463	14717	0.14%	0.012%
31	15.286	2100	2108	2116	rBV	5655950	8303861	76.38%	6.683%
32	15.404	2121	2128	2142	rVV	1117849	1640395	15.09%	1.320%
33	15.528	2143	2149	2154	rVB	67426	105842	0.97%	0.085%
34	15.986	2223	2227	2233	rVB7	6744	13306	0.12%	0.011%

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Instrument : BNA_P
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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	2250	rVB	26008	40322	0.37%	0.032%
36	16.716	2347	2351	2358	rVB4	13802	22499	0.21%	0.018%
37	16.822	2365	2369	2379	rVB	23487	47572	0.44%	0.038%
38	17.039	2391	2406	2415	rBV	5276143	7594681	69.86%	6.112%
39	17.133	2416	2422	2438	rVV	6052211	8798982	80.93%	7.082%
40	17.239	2438	2440	2449	rVB10	6797	13216	0.12%	0.011%
41	17.457	2473	2477	2485	rVB5	18239	26794	0.25%	0.022%
42	17.963	2558	2563	2570	rBV	276203	457389	4.21%	0.368%
43	18.133	2589	2592	2600	rVB6	11411	19194	0.18%	0.015%
44	18.251	2608	2612	2617	rVB2	27387	38914	0.36%	0.031%
45	18.380	2630	2634	2638	rBV4	23455	29531	0.27%	0.024%
46	18.869	2714	2717	2721	rVB3	16528	18244	0.17%	0.015%
47	19.027	2739	2744	2748	rBV	81076	111205	1.02%	0.089%
48	19.198	2771	2773	2781	rBV2	54398	90430	0.83%	0.073%
49	19.269	2781	2785	2792	rVB	72870	106437	0.98%	0.086%
50	19.380	2798	2804	2810	rBV2	7967941	10872028	100.00%	8.750%
51	19.427	2810	2812	2815	rVV3	35700	37489	0.34%	0.030%
52	19.457	2815	2817	2822	rVB3	34372	37805	0.35%	0.030%
53	19.945	2897	2900	2907	rVB2	54444	61022	0.56%	0.049%
54	20.427	2979	2982	2986	rVB	101646	105601	0.97%	0.085%
55	20.874	3053	3058	3074	rBV	1049102	1533590	14.11%	1.234%
56	21.133	3096	3102	3111	rBV	7200497	9122043	83.90%	7.342%
57	21.245	3118	3121	3127	rBV	145916	229100	2.11%	0.184%
58	21.310	3128	3132	3140	rVB	293814	331269	3.05%	0.267%
59	21.745	3201	3206	3216	rBV	358229	506962	4.66%	0.408%
60	22.204	3280	3284	3291	rVB	441528	580505	5.34%	0.467%
61	22.333	3302	3306	3313	rVB	136901	184015	1.69%	0.148%
62	22.715	3366	3371	3376	rBV	467605	700985	6.45%	0.564%
63	23.204	3446	3454	3462	rBV	5621341	10556469	97.10%	8.496%
64	23.286	3462	3468	3471	rVV	482765	852734	7.84%	0.686%
65	23.345	3471	3478	3490	rVB2	4733499	8791253	80.86%	7.075%
66	23.933	3572	3578	3585	rBV2	395571	783865	7.21%	0.631%
67	24.010	3587	3591	3604	rVB4	120127	271807	2.50%	0.219%
68	24.686	3700	3706	3715	rVB	278864	628730	5.78%	0.506%
69	25.562	3852	3855	3866	rVB2	157738	331335	3.05%	0.267%

Sum of corrected areas: 124252833

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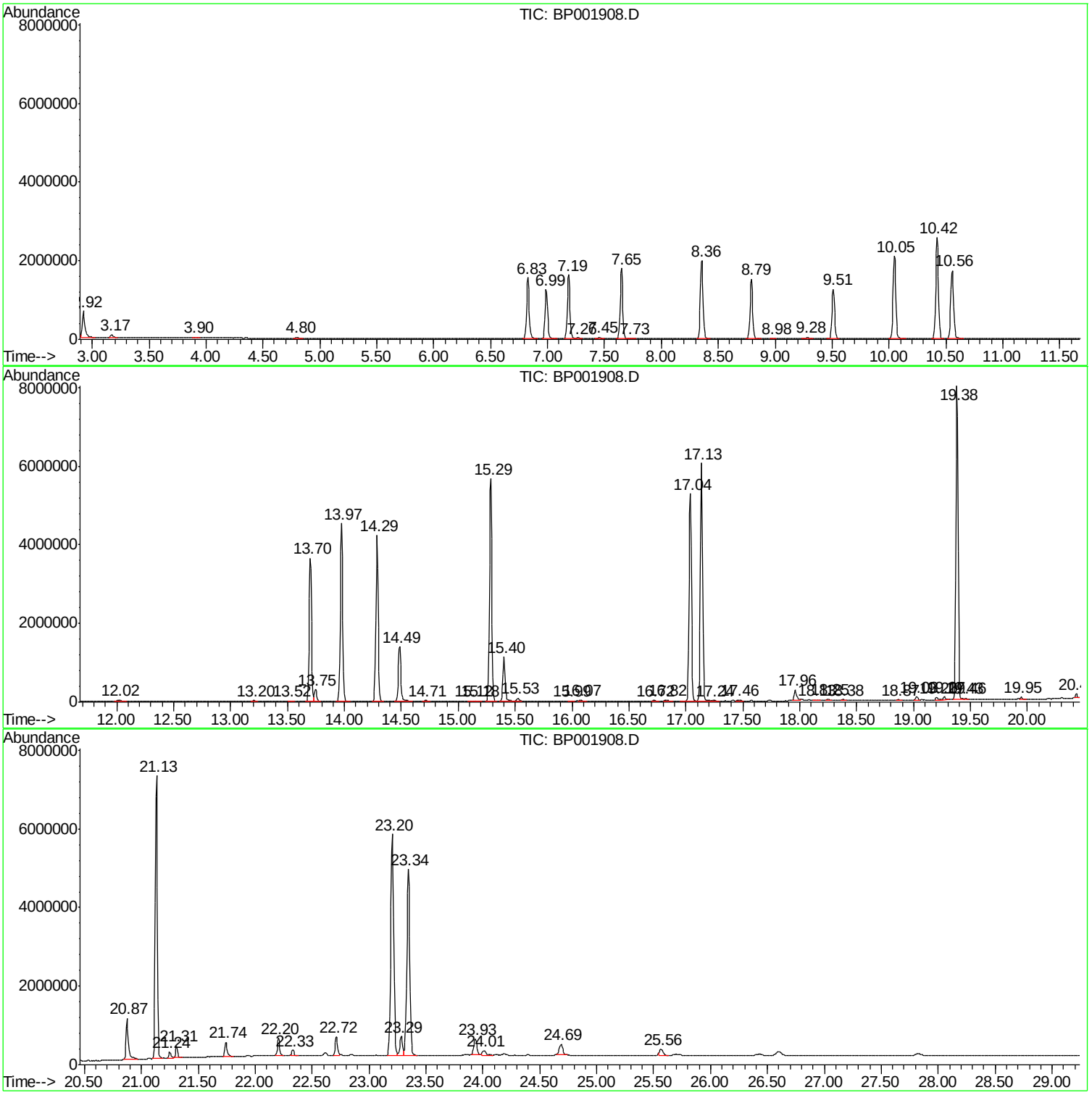
BNA_P
ClientSampleId :
DBD58

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

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Quant Title : SVOA CALIBRATION

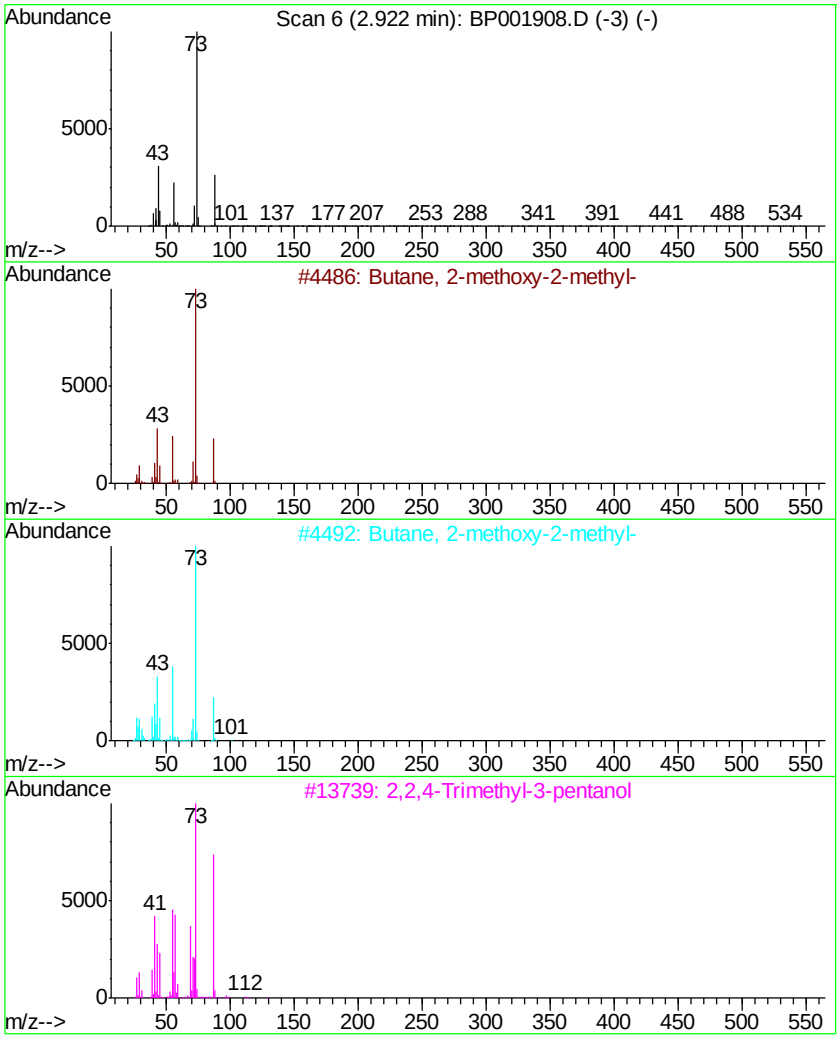
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

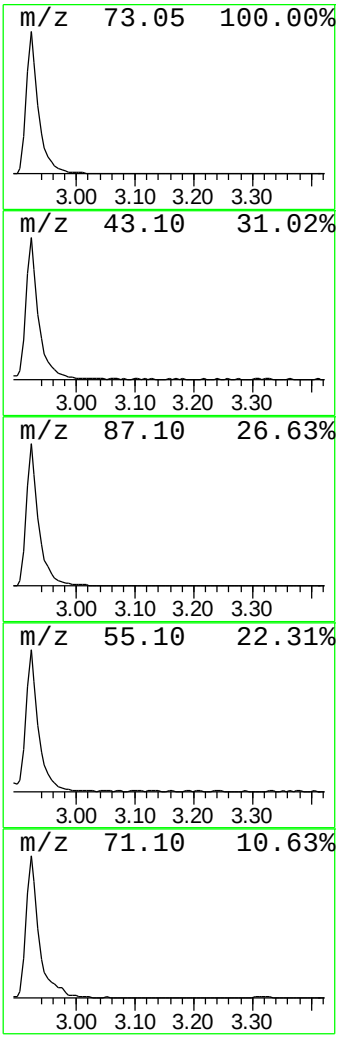
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	7.08 ng/ul	992210	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	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

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Acq On : 25 Feb 2020 21:04
Operator : CG/JU
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Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD58

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

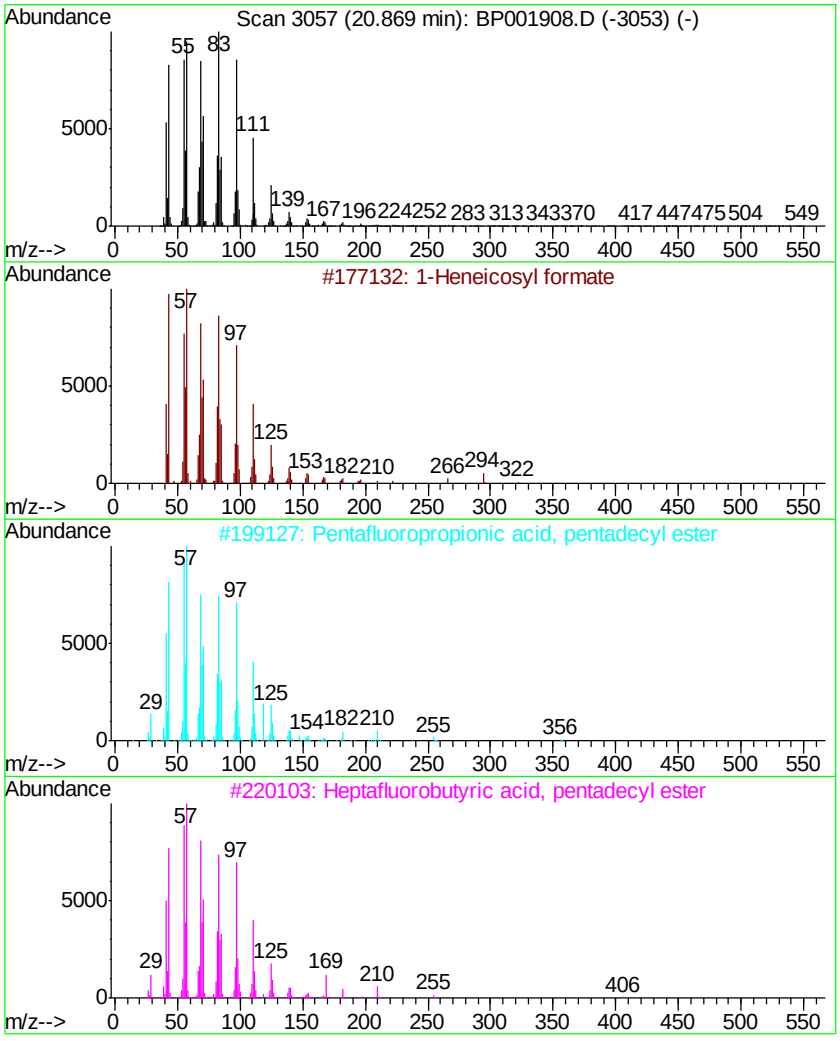
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

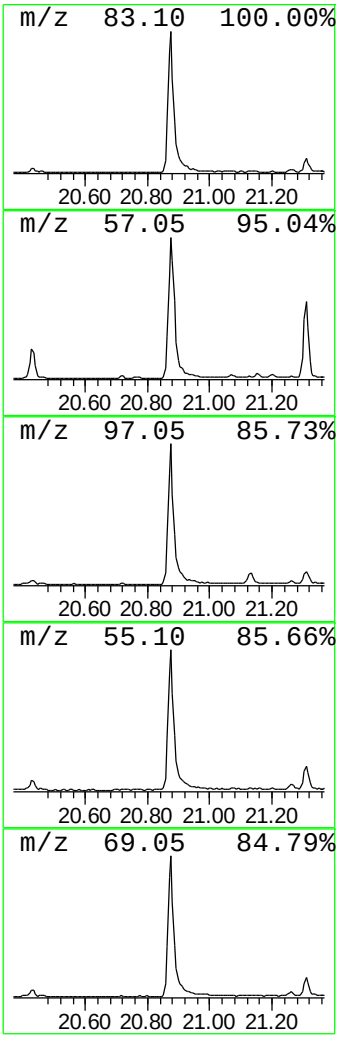
****

Peak Number 2 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.36 ng/ul	1533590	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
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Misc :
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Instrument : BNA_P
ClientSampleId : DBD58

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	7.1	ng/ul	992210	1	7.65	2802050	20.0
1-Heneicosyl formate	20.87	3.4	ng/ul	1533590	5	21.13	9122040	20.0