LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002171.D
Acq On : 11 Mar 2020 10:14
Operator : CG/JU
Sample : L1786-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC8

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-BP022720MA.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	2.917	3	5	20	rVB	2213931	2940631	49.27%	5.192%
2	3.164	44	47	57	rVB	21012	32540	0.55%	0.057%
3	3.805	152	156	161	rVB	16692	24698	0.41%	0.044%
4	3.893	167	171	177	rVB	11133	17809	0.30%	0.031%
5	4.787	317	323	332	rBV	52707	83838	1.40%	0.148%
6	6.822	659	669	684	rVB	235847	408777	6.85%	0.722%
7	6.975	689	695	710	rVB	251532	410344	6.87%	0.725%
8	7.175	720	729	738	rBV	291568	468502	7.85%	0.827%
9	7.634	800	807	819	rBV	1009360	1610001	26.97%	2.843%
10	8.346	921	928	942	rBV	297352	531982	8.91%	0.939%
11	8.781	995	1002	1015	rBV	226234	404524	6.78%	0.714%
12	9.499	1115	1124	1133	rBV	156838	276078	4.63%	0.487%
13	10.040	1208	1216	1237	rBV	270915	545524	9.14%	0.963%
14	10.405	1270	1278	1286	rBV	1432321	2428646	40.69%	4.288%
15	10.546	1295	1302	1325	rBV	243265	502092	8.41%	0.886%
16	13.599	1815	1821	1826	rBV8	12663	23785	0.40%	0.042%
17	13.687	1830	1836	1840	rVV	681799	941341	15.77%	1.662%
18	13.734	1840	1844	1852	rVV	163155	244889	4.10%	0.432%
19	13.834	1856	1861	1870	rVB8	7576	17457	0.29%	0.031%
20	13.957	1874	1882	1895	rBV	653255	1072965	17.98%	1.894%
21	14.269	1928	1935	1942	rBV2	2295118	3397966	56.93%	5.999%
22	14.334	1942	1946	1954	rVB	35128	61276	1.03%	0.108%
23	14.498	1968	1974	1986	rBV2	36011	112339	1.88%	0.198%
24	14.681	1995	2005	2007	rBV2	33313	59443	1.00%	0.105%
25	14.704	2007	2009	2015	rVV3	27333	44004	0.74%	0.078%
26	14.757	2015	2018	2025	rVB5	9200	17338	0.29%	0.031%
27	15.269	2099	2105	2111	rVV	1072277	1485331	24.88%	2.622%
28	15.328	2111	2115	2120	rVV	88953	131651	2.21%	0.232%
29	15.393	2121	2126	2134	rVV	79744	132388	2.22%	0.234%
30	15.628	2161	2166	2177	rVB	25958	47199	0.79%	0.083%
31	15.769	2186	2190	2199	rVB2	24905	55924	0.94%	0.099%
32	15.993	2222	2228	2236	rBV6	17263	40603	0.68%	0.072%
33	16.340	2275	2287	2292	rBV4	20600	53263	0.89%	0.094%
34	16.569	2323	2326	2329	rVV2	15610	19819	0.33%	0.035%

LSC Area Percent Report

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Sample : L1786-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC8

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-BP022720MA.M
Title : SVOA CALIBRATION

35	16.610	2329	2333	2336	rVB3	13415	18330	0.31%	0.032%
36	16.681	2342	2345	2354	rVB6	11087	25703	0.43%	0.045%
37	16.763	2355	2359	2360	rBV	21361	24144	0.40%	0.043%
38	16.810	2364	2367	2369	rVV	16846	24293	0.41%	0.043%
39	16.845	2369	2373	2377	rVB	26984	44450	0.74%	0.078%
40	17.022	2397	2403	2407	rBV	2754270	3964972	66.43%	7.001%
41	17.063	2407	2410	2415	rVV	785354	1071893	17.96%	1.893%
42	17.122	2415	2420	2423	rVV	1033744	1456155	24.40%	2.571%
43	17.157	2423	2426	2434	rVV	463059	676146	11.33%	1.194%
44	17.222	2434	2437	2444	rVB4	21289	38308	0.64%	0.068%
45	17.434	2467	2473	2478	rBV	73342	117972	1.98%	0.208%
46	17.557	2490	2494	2499	rBV2	26443	37715	0.63%	0.067%
47	17.616	2499	2504	2514	rVB8	13501	31572	0.53%	0.056%
48	17.898	2547	2552	2556	rBV	101039	140074	2.35%	0.247%
49	17.945	2556	2560	2567	rVB	156101	218557	3.66%	0.386%
50	18.028	2569	2574	2579	rVV	65033	93655	1.57%	0.165%
51	18.087	2579	2584	2588	rVV2	192796	309273	5.18%	0.546%
52	18.122	2588	2590	2598	rVB	75353	100740	1.69%	0.178%
53	18.239	2607	2610	2614	rVB3	15860	20415	0.34%	0.036%
54	18.386	2631	2635	2639	rBV	97987	129146	2.16%	0.228%
55	18.422	2639	2641	2647	rVB3	29638	40854	0.68%	0.072%
56	18.628	2673	2676	2680	rBV2	24636	28861	0.48%	0.051%
57	18.681	2681	2685	2688	rBV	25927	30771	0.52%	0.054%
58	18.716	2688	2691	2695	rVB	25151	31133	0.52%	0.055%
59	18.792	2699	2704	2709	rBV	54087	96190	1.61%	0.170%
60	18.851	2710	2714	2717	rBV3	35920	55261	0.93%	0.098%
61	18.928	2723	2727	2735	rVB2	44661	81347	1.36%	0.144%
62	19.045	2736	2747	2754	rBV	1811650	2358263	39.51%	4.164%
63	19.116	2755	2759	2761	rVV2	24477	33754	0.57%	0.060%
64	19.145	2762	2764	2768	rVB5	28106	30860	0.52%	0.054%
65	19.192	2769	2772	2775	rVB2	19190	19818	0.33%	0.035%
66	19.328	2792	2795	2797	rBV2	31532	33476	0.56%	0.059%
67	19.369	2797	2802	2804	rVV	1612731	2215301	37.11%	3.911%
68	19.392	2804	2806	2816	rVV	1290473	1703673	28.54%	3.008%
69	19.469	2816	2819	2827	rVB3	66868	107874	1.81%	0.190%
70	19.575	2833	2837	2842	rBV	106426	138150	2.31%	0.244%
71	19.633	2844	2847	2853	rVB	33568	48710	0.82%	0.086%

LSC Area Percent Report

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Instrument : BNA_P
ClientSampleId : C0AC8

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

72	19.728	2856	2863	2868	rBV2	98780	237767	3.98%	0.420%
73	19.851	2879	2884	2885	rBV3	82111	114281	1.91%	0.202%
74	19.881	2886	2889	2894	rVB	252216	322179	5.40%	0.569%
75	19.928	2895	2897	2900	rVV	36137	33366	0.56%	0.059%
76	19.981	2902	2906	2910	rVV	173082	220908	3.70%	0.390%
77	20.033	2910	2915	2920	rVV2	142523	238109	3.99%	0.420%
78	20.075	2920	2922	2925	rVB3	39235	40547	0.68%	0.072%
79	20.116	2927	2929	2934	rVB	28064	34521	0.58%	0.061%
80	20.175	2935	2939	2942	rBV	58141	72508	1.21%	0.128%
81	20.216	2942	2946	2952	rBV3	65545	113832	1.91%	0.201%
82	20.416	2977	2980	2984	rBV4	47820	68326	1.14%	0.121%
83	20.610	3010	3013	3021	rVB	83568	130219	2.18%	0.230%
84	20.775	3038	3041	3044	rVB	73093	81852	1.37%	0.145%
85	20.810	3044	3047	3050	rVV	107434	115870	1.94%	0.205%
86	20.863	3050	3056	3059	rVV2	197949	326236	5.47%	0.576%
87	20.898	3059	3062	3071	rVB2	111926	176751	2.96%	0.312%
88	21.116	3092	3099	3103	rBV2	3917696	5968854	100.00%	10.539%
89	21.151	3103	3105	3116	rVB	857528	1057026	17.71%	1.866%
90	21.292	3123	3129	3134	rBV2	223368	299101	5.01%	0.528%
91	21.422	3148	3151	3157	rBV3	66393	101690	1.70%	0.180%
92	21.722	3198	3202	3206	rVB2	393652	482146	8.08%	0.851%
93	22.180	3276	3280	3289	rVB	462670	590877	9.90%	1.043%
94	22.680	3357	3365	3378	rBV2	818108	2297043	38.48%	4.056%
95	23.133	3438	3442	3445	rBV	208330	328225	5.50%	0.580%
96	23.180	3445	3450	3455	rVV	851008	1624634	27.22%	2.868%
97	23.251	3455	3462	3467	rVV2	469212	1262661	21.15%	2.229%
98	23.322	3468	3474	3492	rVB	2570455	5022714	84.15%	8.868%
99	23.898	3567	3572	3578	rVB	333467	630110	10.56%	1.113%
100	24.645	3695	3699	3709	rVB	194562	402921	6.75%	0.711%

Sum of corrected areas: 56638050

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Instrument :
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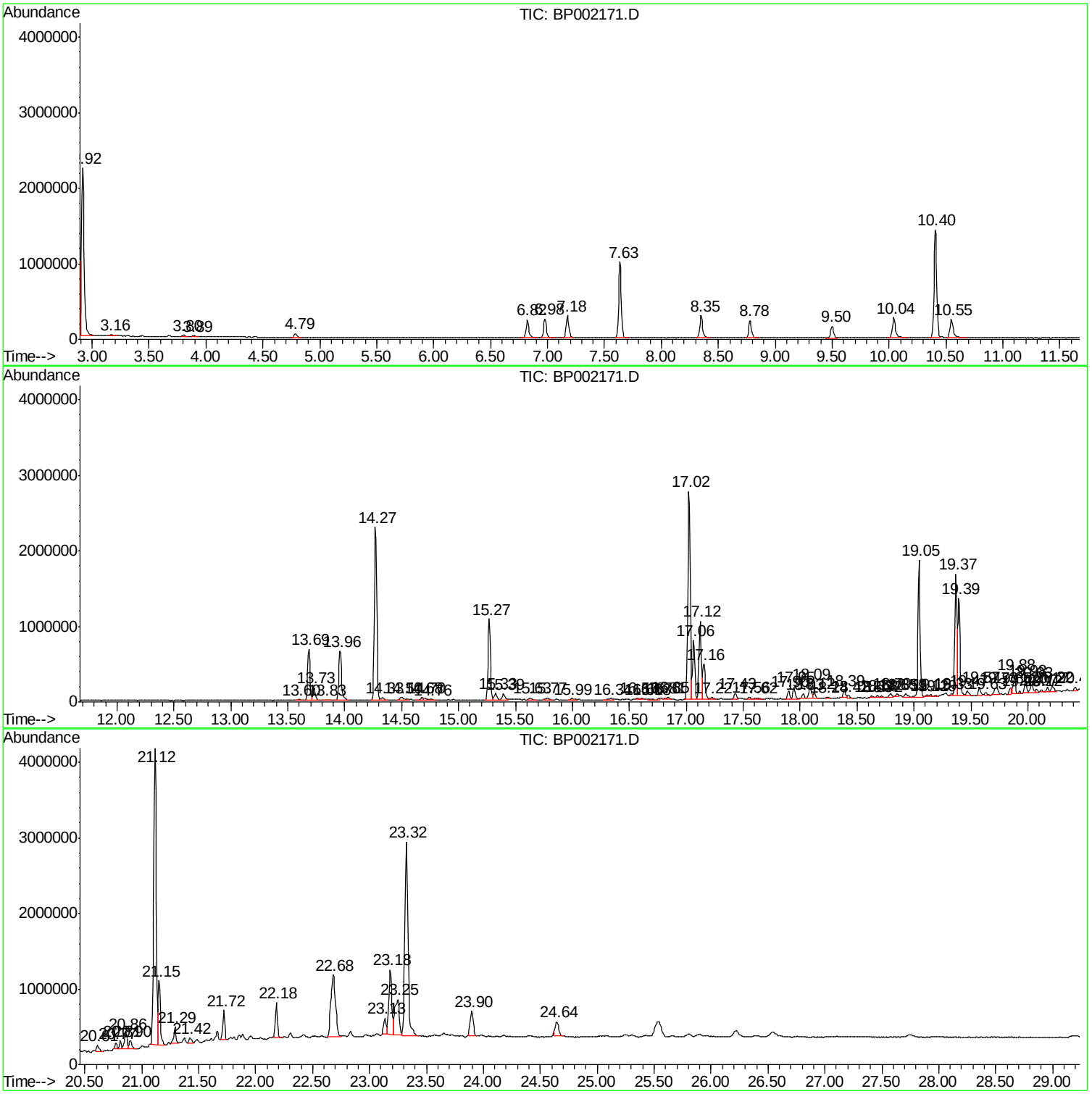
ClientSampleId :
C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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



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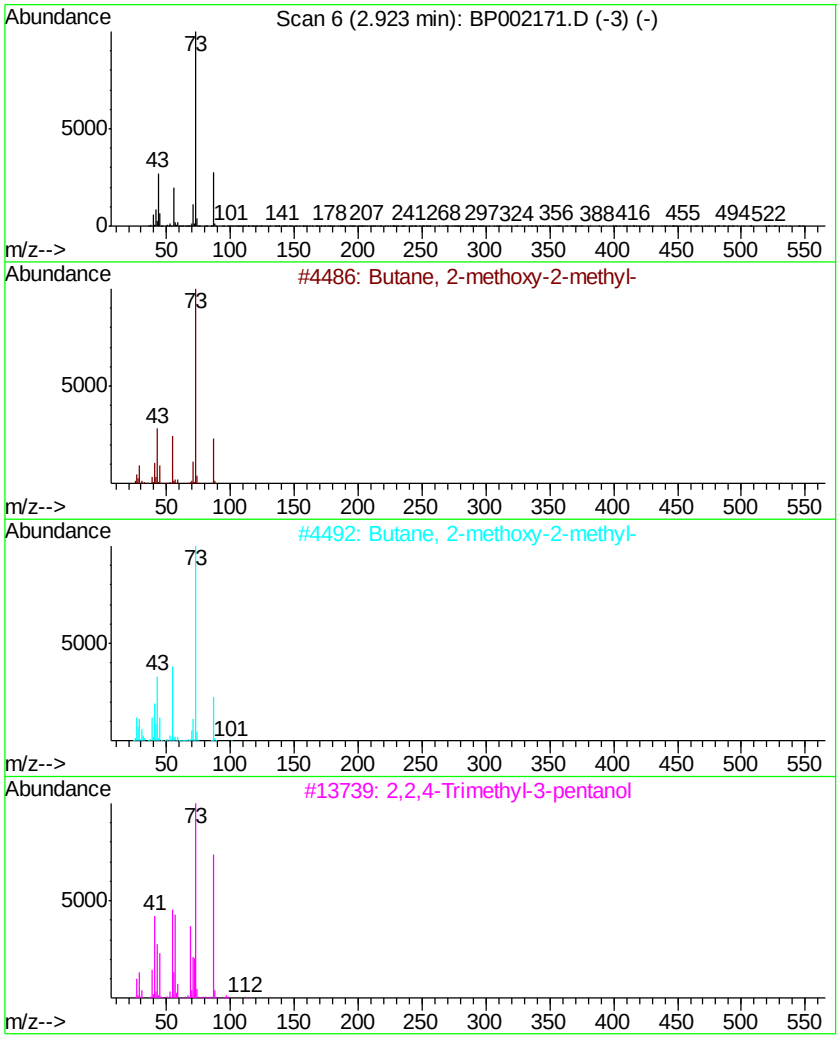
Quant Title : SVOA CALIBRATION

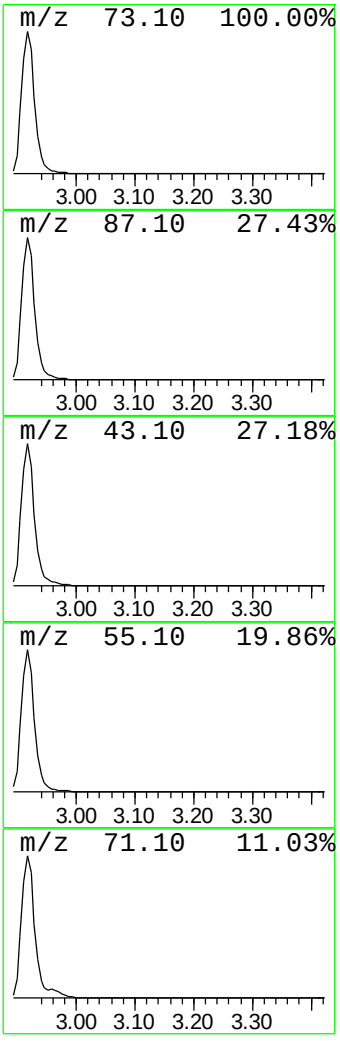
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	36.53 ng/ul	2940630	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

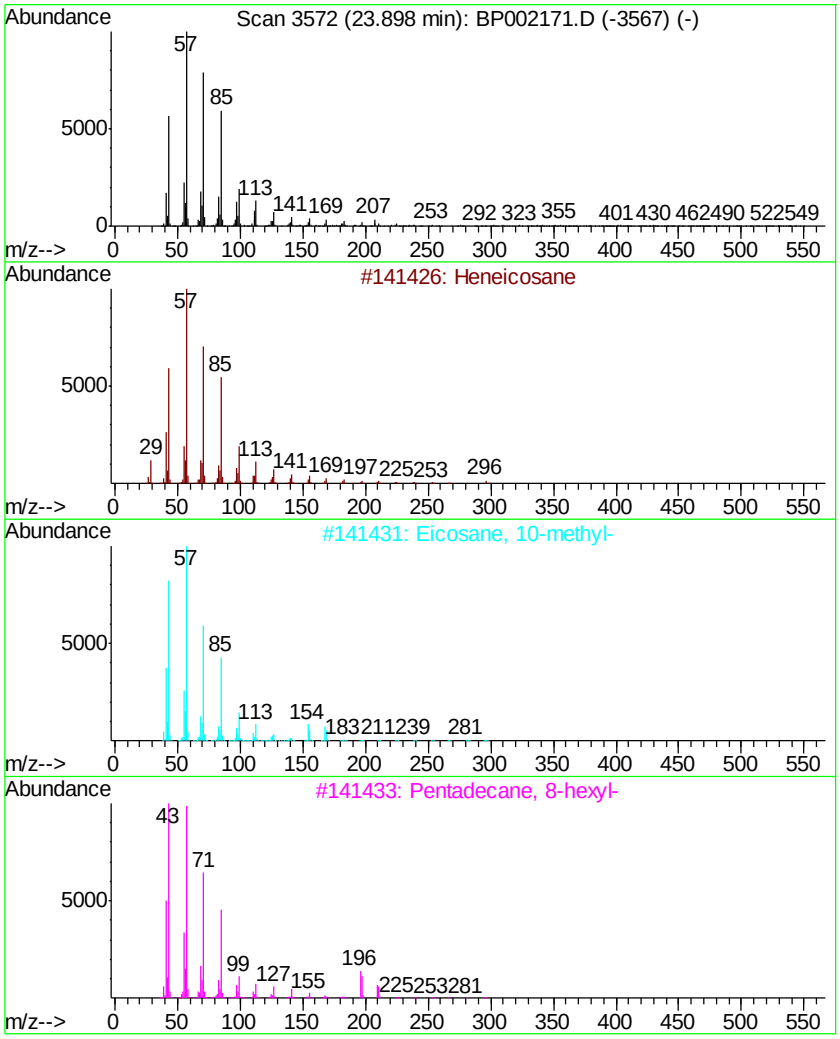
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

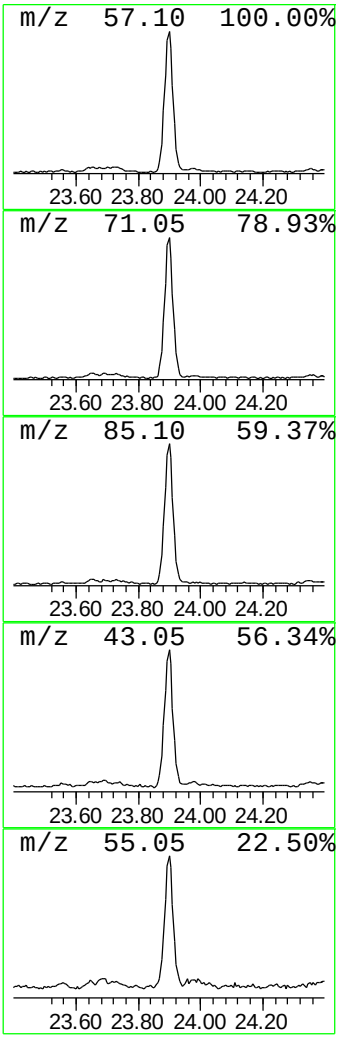
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	2.51 ng/ul	630110	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	36.5	ng/ul	2940630	1	7.63	1610000	20.0
(DEL) Alkane: Str...	23.90	2.5	ng/ul	630110	6	23.32	5022710	20.0