LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022920\
Data File : BP001973.D
Acq On : 29 Feb 2020 23:35
Operator : CG/JU
Sample : L1615-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDP5

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	2.923	3	6	19	rVB	348440	504904	5.41%	0.578%
2	3.170	43	48	54	rBV	76913	108821	1.17%	0.125%
3	3.446	93	95	108	rVB2	11682	24269	0.26%	0.028%
4	3.893	167	171	177	rVB2	9118	14953	0.16%	0.017%
5	4.793	319	324	333	rVB2	25056	38993	0.42%	0.045%
6	6.822	660	669	685	rBV	1281311	2187890	23.43%	2.507%
7	6.981	689	696	709	rVB	1122206	1717908	18.39%	1.968%
8	7.175	722	729	744	rBV	1457546	2315521	24.79%	2.653%
9	7.640	801	808	818	rBV	851388	1346530	14.42%	1.543%
10	7.716	818	821	828	rVB3	11571	19988	0.21%	0.023%
11	8.346	921	928	941	rBV	1784417	2769501	29.65%	3.173%
12	8.781	994	1002	1013	rBV	1267090	2026760	21.70%	2.322%
13	9.275	1080	1086	1093	rVB	34580	56432	0.60%	0.065%
14	9.499	1116	1124	1144	rBV	1025828	1726945	18.49%	1.979%
15	10.040	1208	1216	1231	rBV	1769942	2969221	31.79%	3.402%
16	10.410	1272	1279	1287	rBV	1114207	1925405	20.62%	2.206%
17	10.546	1294	1302	1317	rBV	1662874	2860598	30.63%	3.277%
18	12.010	1544	1551	1559	rVB2	26504	49474	0.53%	0.057%
19	13.134	1737	1742	1747	rBV3	12171	17946	0.19%	0.021%
20	13.193	1747	1752	1758	rBV	23536	38796	0.42%	0.044%
21	13.510	1802	1806	1812	rBV2	12478	19886	0.21%	0.023%
22	13.693	1828	1837	1841	rBV	3199657	4387222	46.97%	5.026%
23	13.740	1841	1845	1854	rVB	456572	653140	6.99%	0.748%
24	13.963	1876	1883	1899	rBV	3658874	5441431	58.26%	6.234%
25	14.193	1917	1922	1929	rVB2	18151	30760	0.33%	0.035%
26	14.275	1929	1936	1946	rBV2	1810538	2690884	28.81%	3.083%
27	14.475	1959	1970	1996	rBV	1086111	1776328	19.02%	2.035%
28	14.704	2005	2009	2015	rVB8	11881	18647	0.20%	0.021%
29	15.110	2073	2078	2082	rBV5	6331	10496	0.11%	0.012%
30	15.169	2082	2088	2093	rBV	14619	19804	0.21%	0.023%
31	15.275	2098	2106	2114	rBV	4923714	6905740	73.94%	7.912%
32	15.392	2120	2126	2141	rBV	1064201	1492018	15.98%	1.709%
33	15.516	2142	2147	2154	rVB	57050	81796	0.88%	0.094%
34	15.969	2217	2224	2232	rBV	176545	283921	3.04%	0.325%

LSC Area Percent Report

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Instrument : BNA_P
ClientSampleId : DBDP5

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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Peak separation: 5

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

35	16.063	2237	2240	2248	rVB3	22279	38131	0.41%	0.044%
36	16.292	2276	2279	2285	rVB2	12153	16886	0.18%	0.019%
37	16.710	2345	2350	2357	rVB4	10931	20404	0.22%	0.023%
38	16.822	2357	2369	2378	rBV2	15422	50828	0.54%	0.058%
39	17.028	2397	2404	2414	rBV	2292218	3228340	34.57%	3.699%
40	17.128	2414	2421	2434	rVV2	5038263	7305096	78.22%	8.369%
41	17.739	2519	2525	2528	rVB6	8516	15366	0.16%	0.018%
42	17.904	2548	2553	2556	rBV7	6839	12213	0.13%	0.014%
43	17.951	2557	2561	2568	rBV	168472	263778	2.82%	0.302%
44	18.122	2588	2590	2594	rVB2	10225	11749	0.13%	0.013%
45	18.239	2605	2610	2619	rBV2	31126	47914	0.51%	0.055%
46	18.381	2630	2634	2636	rBV5	5543	9405	0.10%	0.011%
47	18.857	2713	2715	2719	rVB4	8912	9853	0.11%	0.011%
48	19.022	2738	2743	2747	rBV	61564	88509	0.95%	0.101%
49	19.192	2769	2772	2779	rBV3	36299	57067	0.61%	0.065%
50	19.263	2780	2784	2790	rVB	56518	77582	0.83%	0.089%
51	19.375	2794	2803	2809	rBV	6575797	8874951	95.03%	10.168%
52	19.939	2896	2899	2907	rVB3	25818	32239	0.35%	0.037%
53	20.292	2956	2959	2964	rVB2	26232	31086	0.33%	0.036%
54	20.422	2978	2981	2984	rVB	50938	49459	0.53%	0.057%
55	20.863	3052	3056	3062	rBV2	579705	811778	8.69%	0.930%
56	21.122	3095	3100	3109	rBV	3023316	3771131	40.38%	4.321%
57	21.239	3116	3120	3126	rBV2	73702	136584	1.46%	0.156%
58	21.298	3127	3130	3137	rVB	148842	168915	1.81%	0.194%
59	21.733	3200	3204	3211	rBV	185554	263574	2.82%	0.302%
60	22.192	3278	3282	3293	rVB	220491	308981	3.31%	0.354%
61	22.698	3364	3368	3374	rBV	269042	365364	3.91%	0.419%
62	23.192	3444	3452	3460	rBV	4998056	9339572	100.00%	10.700%
63	23.263	3460	3464	3469	rVV	288208	515705	5.52%	0.591%
64	23.327	3469	3475	3491	rVB	2142781	4033278	43.18%	4.621%
65	23.916	3569	3575	3582	rBV	229788	454867	4.87%	0.521%
66	24.663	3697	3702	3712	rVB	166685	339323	3.63%	0.389%

Sum of corrected areas: 87282856

LSC Report - Integrated Chromatogram

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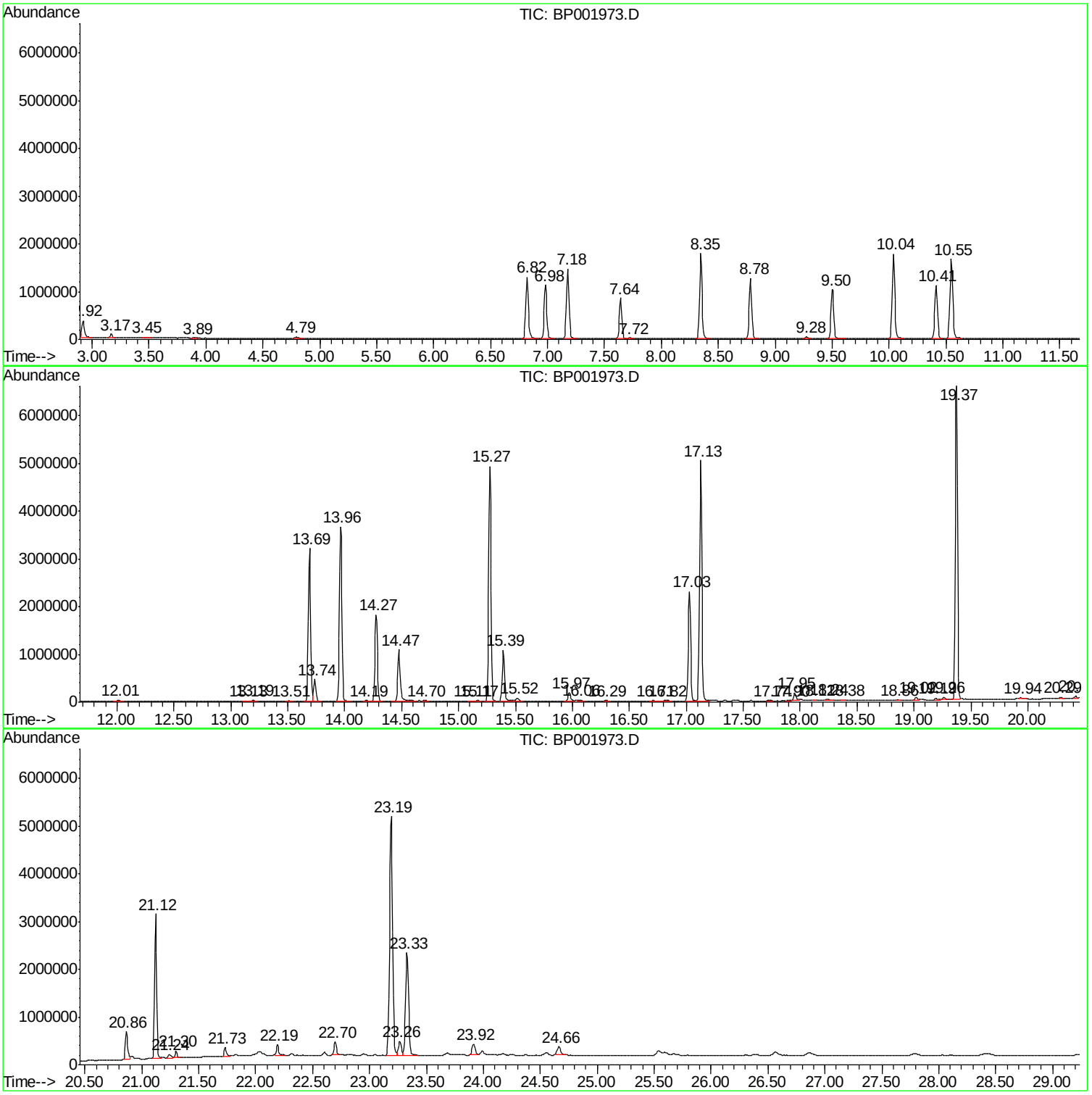
Instrument : BNA_P
ClientSampleId : DBDP5

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022920\
Data File : BP001973.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDP5

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

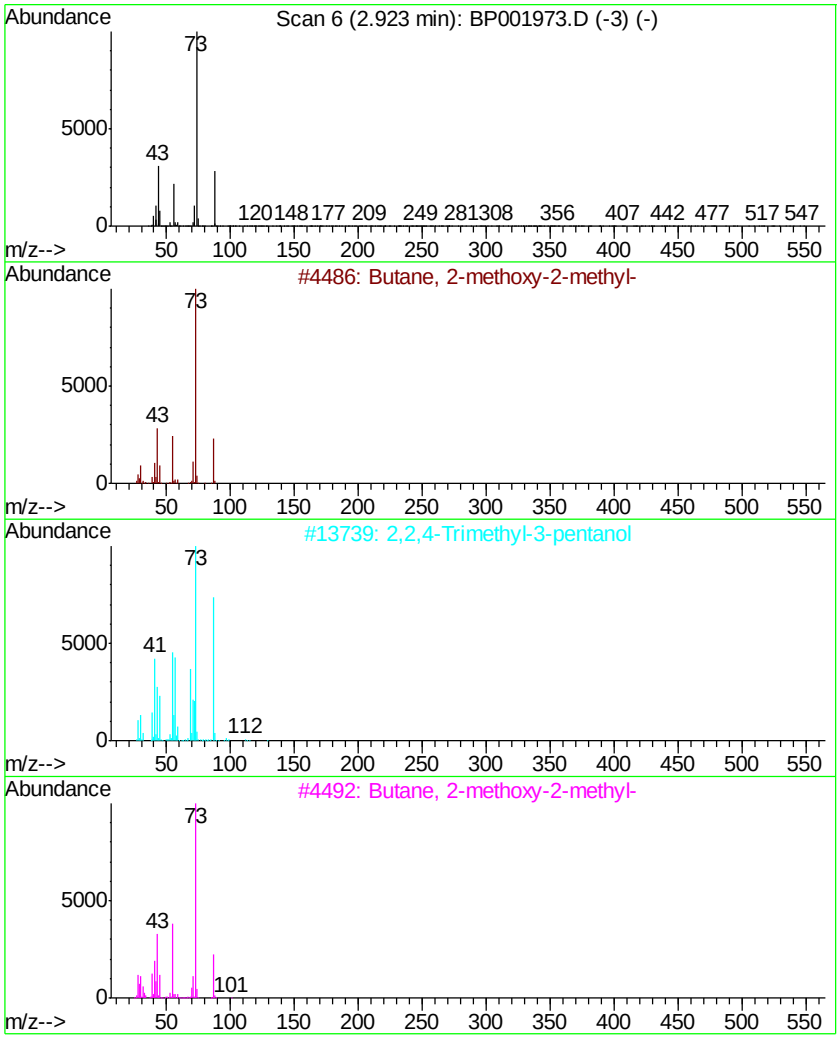
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

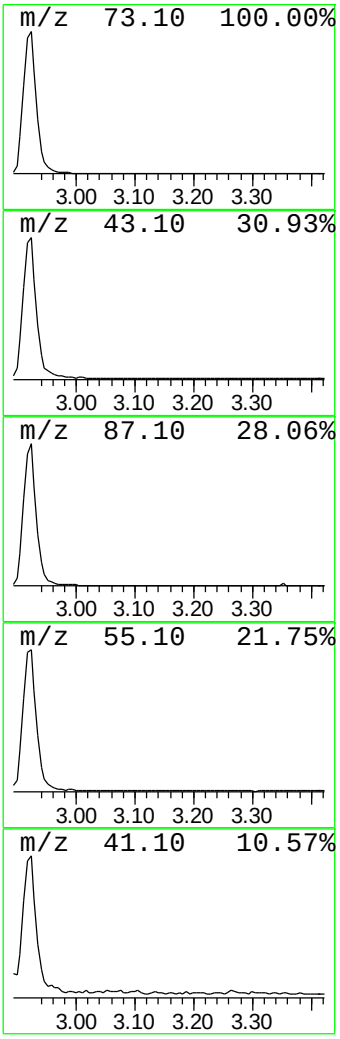
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	7.50 ng/ul	504904	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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ClientSampleId : DBDP5

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Quant Title : SVOA CALIBRATION

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

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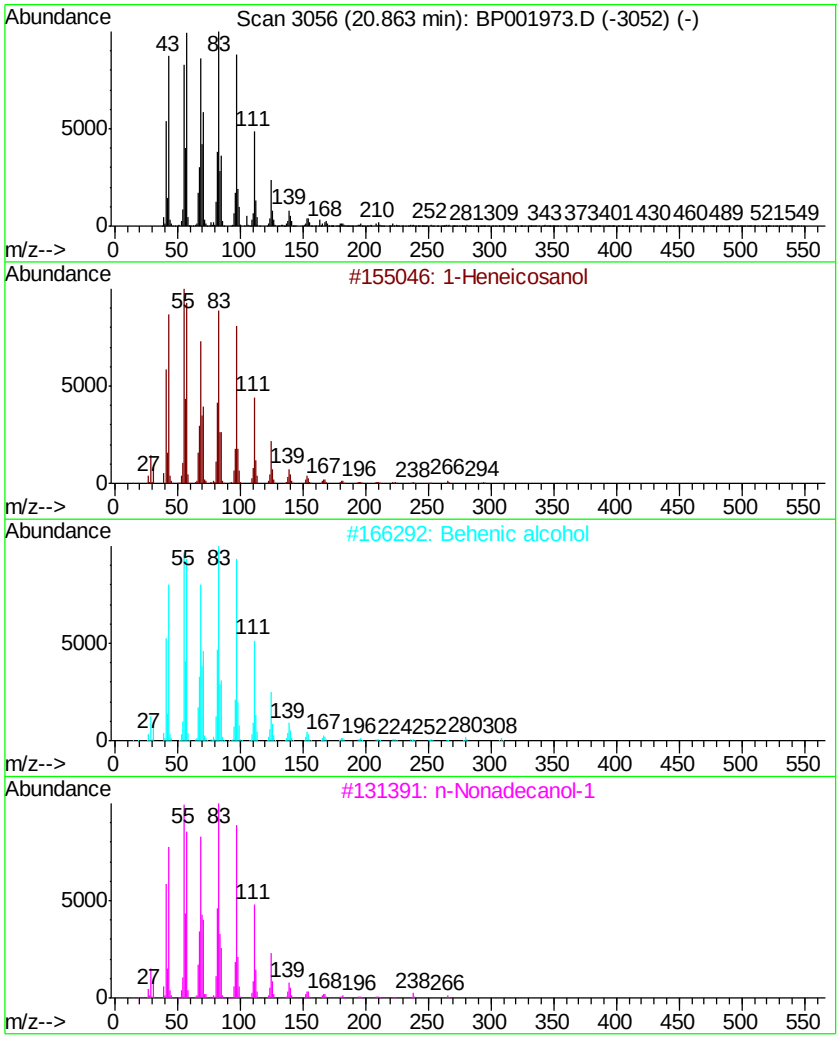
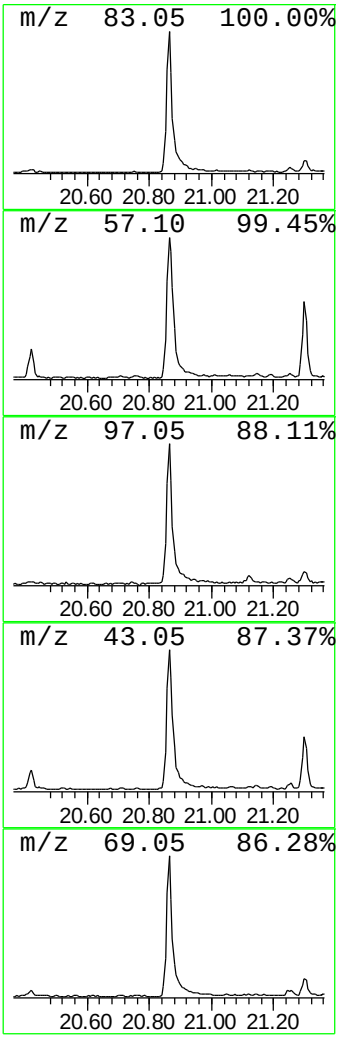
Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.31 ng/ul	811778	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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Quant Title : SVOA CALIBRATION

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

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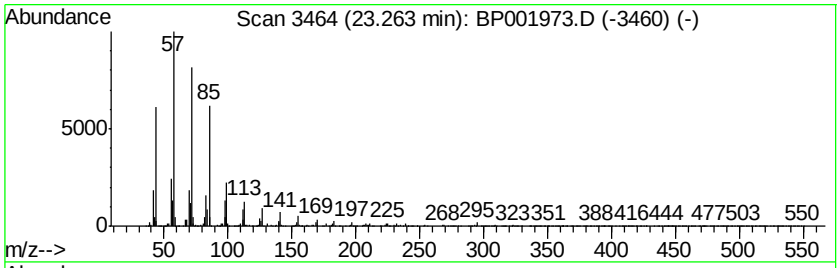
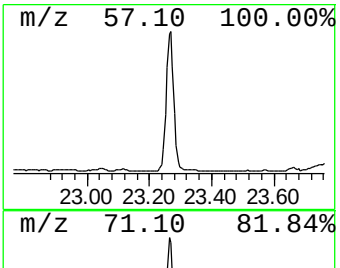
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	2.56 ng/ul	515705	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	97
2	Hentriacontane	437	C31H64	000630-04-6	97
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Instrument : BNA_P
ClientSampleId : DBDP5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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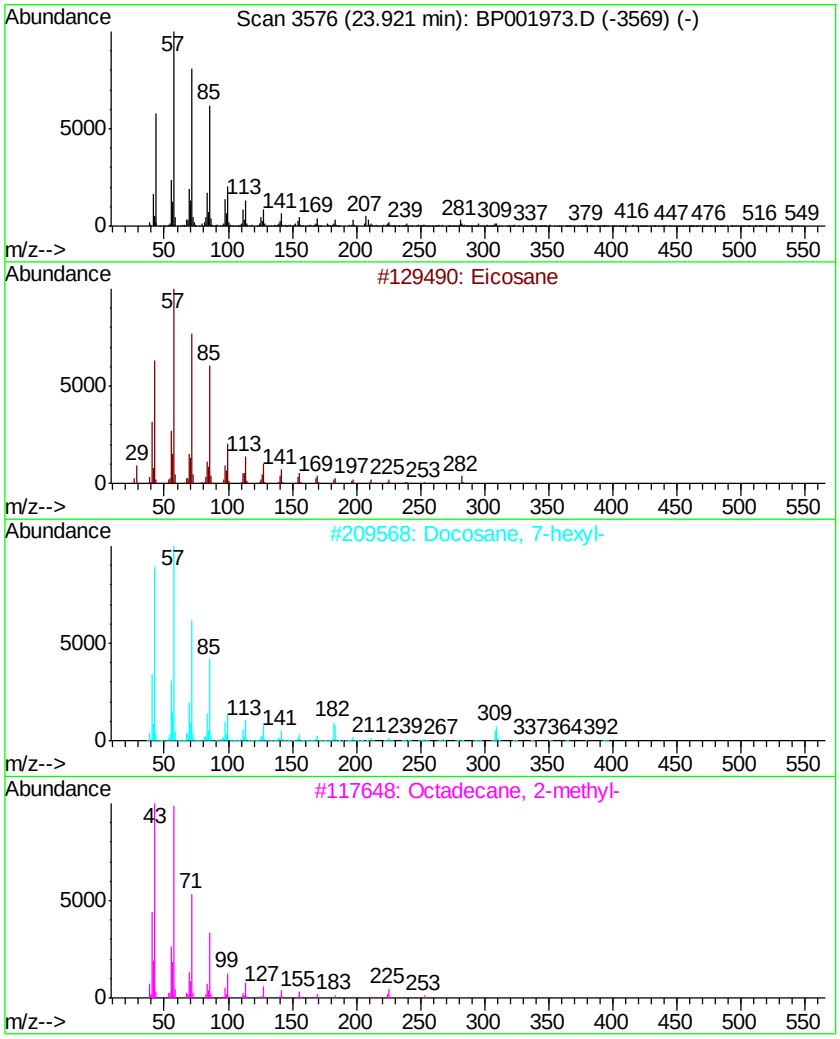
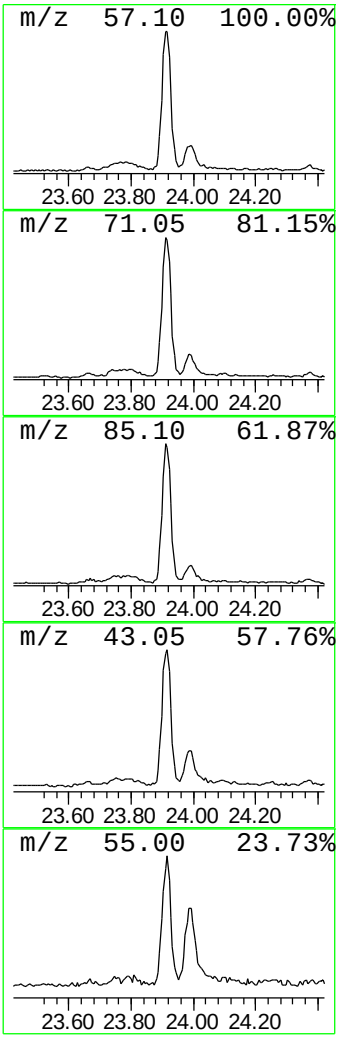
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.26 ng/ul	454867	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	94
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

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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	7.5	ng/ul	504904	1	7.64	1346530	20.0
1-Heneicosanol	20.86	4.3	ng/ul	811778	5	21.12	3771130	20.0
(DEL) Alkane: Str...	23.26	2.6	ng/ul	515705	6	23.33	4033280	20.0
(DEL) Alkane: Str...	23.92	2.3	ng/ul	454867	6	23.33	4033280	20.0