LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028516.D
Acq On : 28 Aug 2017 13:19
Operator : SJ/JU
Sample : PB101758BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK58

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.670	10	14	18	rBV4	2015	3386	0.23%	0.023%
2	3.752	25	28	34	rVB4	2824	5211	0.35%	0.036%
3	3.829	34	41	49	rBV4	10902	24343	1.65%	0.166%
4	3.993	66	69	73	rVB3	2967	3433	0.23%	0.023%
5	4.316	121	124	130	rBV4	1816	3419	0.23%	0.023%
6	4.575	167	168	173	rVB3	1660	2017	0.14%	0.014%
7	4.863	213	217	218	rBV3	1621	2123	0.14%	0.014%
8	5.057	248	250	252	rBV2	2353	2090	0.14%	0.014%
9	5.433	313	314	319	rBV3	1525	2336	0.16%	0.016%
10	6.044	415	418	421	rVB3	1627	2009	0.14%	0.014%
11	6.208	440	446	451	rBV5	1264	2730	0.18%	0.019%
12	6.502	494	496	500	rBV2	1247	1972	0.13%	0.013%
13	6.543	500	503	509	rVV4	2366	3130	0.21%	0.021%
14	7.078	593	594	599	rBV2	1696	2341	0.16%	0.016%
15	7.125	599	602	604	rVB	2116	2058	0.14%	0.014%
16	7.160	604	608	611	rBV3	1529	2476	0.17%	0.017%
17	7.489	656	664	681	rBV2	192327	367893	24.93%	2.512%
18	7.654	685	692	702	rBV	147285	245694	16.65%	1.678%
19	7.871	722	729	740	rBV2	190060	343365	23.27%	2.345%
20	8.112	769	770	775	rVB2	1729	2358	0.16%	0.016%
21	8.335	802	808	819	rVB	132463	243135	16.48%	1.660%
22	8.505	834	837	841	rBV3	1355	2367	0.16%	0.016%
23	9.034	919	927	943	rBV	237855	457406	30.99%	3.123%
24	9.199	952	955	958	rVB3	1311	1944	0.13%	0.013%
25	9.504	998	1007	1021	rBV	190814	371447	25.17%	2.536%
26	9.681	1035	1037	1043	rBV2	1392	2550	0.17%	0.017%
27	9.927	1074	1079	1081	rVB2	1832	2549	0.17%	0.017%
28	10.233	1122	1131	1141	rBV	174885	329499	22.33%	2.250%
29	10.773	1214	1223	1237	rBV	240515	473094	32.06%	3.231%
30	10.867	1237	1239	1246	rVB2	2720	3270	0.22%	0.022%
31	11.155	1279	1288	1302	rVB	199774	376689	25.53%	2.572%
32	11.290	1302	1311	1325	rBV	230153	459187	31.12%	3.136%
33	11.484	1341	1344	1351	rVB2	1529	2968	0.20%	0.020%
34	11.655	1364	1373	1377	rVB3	1925	4277	0.29%	0.029%

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Smoothing : ON Filtering: 5
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Start Thrs: 0.1 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	11.808	1396	1399	1405	rBV2	1623	2694	0.18%	0.018%
36	12.007	1430	1433	1440	rBV2	1390	1953	0.13%	0.013%
37	12.501	1514	1517	1522	rBV2	2037	3187	0.22%	0.022%
38	12.718	1549	1554	1563	rVB5	5314	10032	0.68%	0.069%
39	12.800	1563	1568	1570	rBV2	1374	2753	0.19%	0.019%
40	12.977	1594	1598	1599	rVB2	2362	2466	0.17%	0.017%
41	13.000	1599	1602	1606	rBV2	1641	3282	0.22%	0.022%
42	13.417	1670	1673	1676	rBV2	1472	2355	0.16%	0.016%
43	13.482	1680	1684	1688	rVB2	1671	2726	0.18%	0.019%
44	13.670	1710	1716	1721	rVB2	2079	4560	0.31%	0.031%
45	13.729	1721	1726	1729	rBV2	2022	3242	0.22%	0.022%
46	14.246	1811	1814	1819	rBV2	1706	2627	0.18%	0.018%
47	14.334	1819	1829	1839	rBV	481176	740106	50.15%	5.054%
48	14.510	1856	1859	1866	rBV3	1585	2375	0.16%	0.016%
49	14.645	1873	1882	1896	rBV	539981	860018	58.28%	5.873%
50	14.951	1925	1934	1943	rBV2	318817	548089	37.14%	3.743%
51	15.080	1953	1956	1959	rBV	2044	2424	0.16%	0.017%
52	15.145	1959	1967	1988	rBV	142605	331418	22.46%	2.263%
53	15.439	2013	2017	2020	rBV	1495	2418	0.16%	0.017%
54	15.726	2061	2066	2068	rBV2	1541	2401	0.16%	0.016%
55	15.938	2087	2102	2110	rBV	724586	1109820	75.20%	7.579%
56	16.055	2115	2122	2137	rBV	178716	313986	21.28%	2.144%
57	16.173	2139	2142	2149	rBV3	8341	12690	0.86%	0.087%
58	16.302	2161	2164	2168	rVB3	2353	3371	0.23%	0.023%
59	16.520	2196	2201	2203	rBV	1566	2156	0.15%	0.015%
60	16.778	2243	2245	2252	rBV2	1079	2389	0.16%	0.016%
61	17.483	2360	2365	2368	rVV3	3077	4724	0.32%	0.032%
62	17.513	2368	2370	2374	rVB3	1681	2323	0.16%	0.016%
63	17.612	2383	2387	2389	rVB2	2506	2075	0.14%	0.014%
64	17.695	2392	2401	2410	rBV2	450792	709837	48.10%	4.847%
65	17.795	2410	2418	2431	rBV2	764426	1244437	84.33%	8.498%
66	18.365	2511	2515	2518	rBV4	2150	2845	0.19%	0.019%
67	18.735	2576	2578	2581	rBV2	2398	2438	0.17%	0.017%
68	18.799	2586	2589	2590	rBV	2448	2101	0.14%	0.014%
69	18.976	2616	2619	2622	rVB3	1417	2161	0.15%	0.015%
70	19.222	2658	2661	2663	rBV2	2536	2602	0.18%	0.018%
71	19.587	2721	2723	2727	rBV3	2667	3740	0.25%	0.026%

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Title : SVOA CALIBRATION

72	19.710	2739	2744	2751	rBV3	9165	17931	1.22%	0.122%
73	19.880	2771	2773	2776	rVB2	3192	2968	0.20%	0.020%
74	19.957	2781	2786	2795	rBV3	9738	18019	1.22%	0.123%
75	20.021	2795	2797	2798	rBV2	3681	2634	0.18%	0.018%
76	20.074	2798	2806	2820	rVV	1009119	1475755	100.00%	10.077%
77	21.173	2991	2993	2998	rBV6	5770	7708	0.52%	0.053%
78	21.890	3113	3115	3116	rBV2	6486	4842	0.33%	0.033%
79	22.031	3131	3139	3149	rBV	480073	888711	60.22%	6.069%
80	24.440	3544	3549	3556	rVB5	17220	35285	2.39%	0.241%
81	25.292	3682	3694	3712	rBV2	453951	1431710	97.02%	9.777%
82	25.538	3718	3736	3754	rVB2	247237	876659	59.40%	5.986%
83	26.696	3927	3933	3943	rVB6	30073	87762	5.95%	0.599%
84	28.165	4175	4183	4196	rVB6	21064	77060	5.22%	0.526%
85	30.133	4517	4518	4522	rBV4	6058	7462	0.51%	0.051%

Sum of corrected areas: 14644093

LSC Report - Integrated Chromatogram

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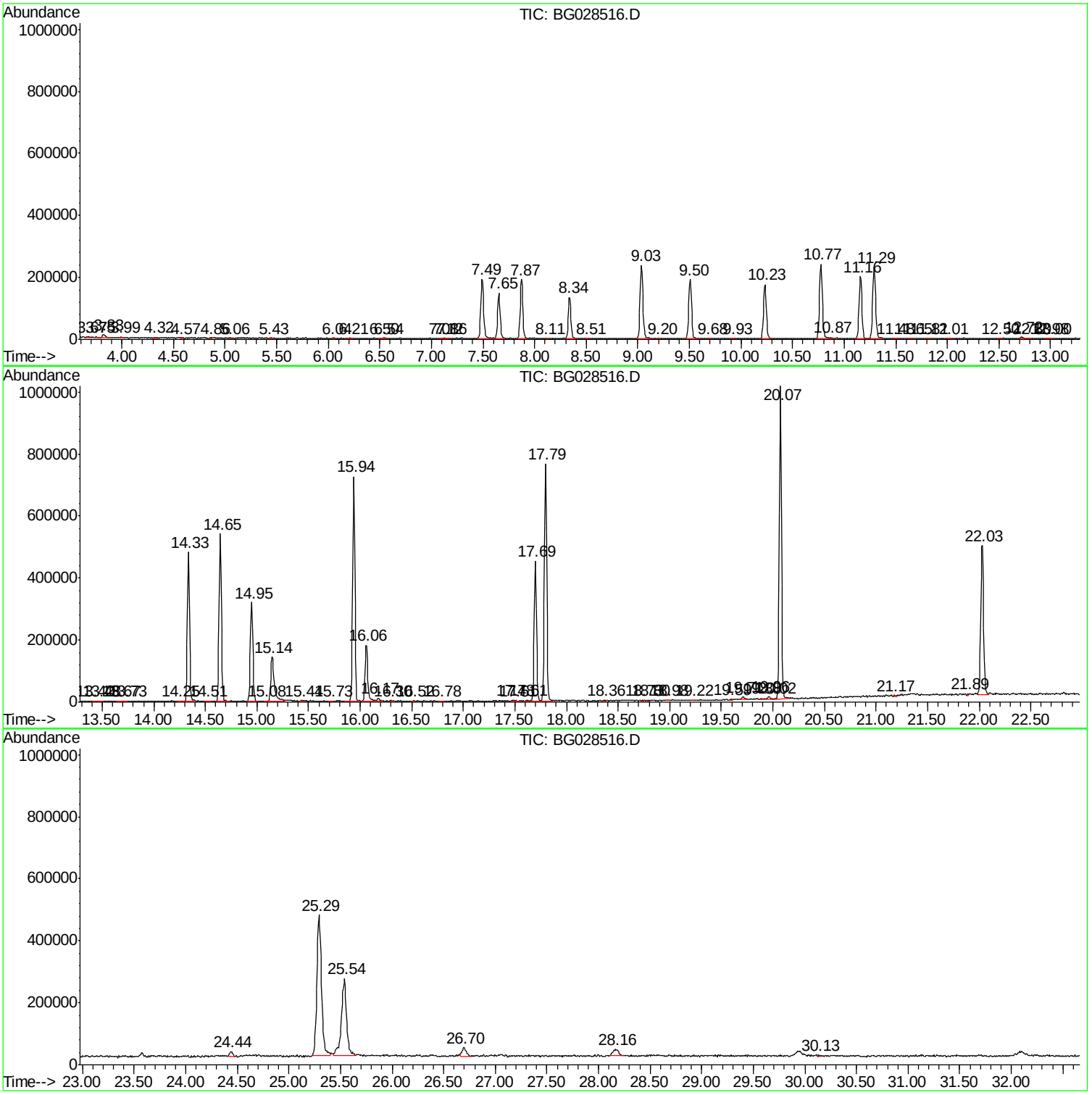
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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Misc :
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Instrument : BNA_G
ClientSampleId : SBLK58

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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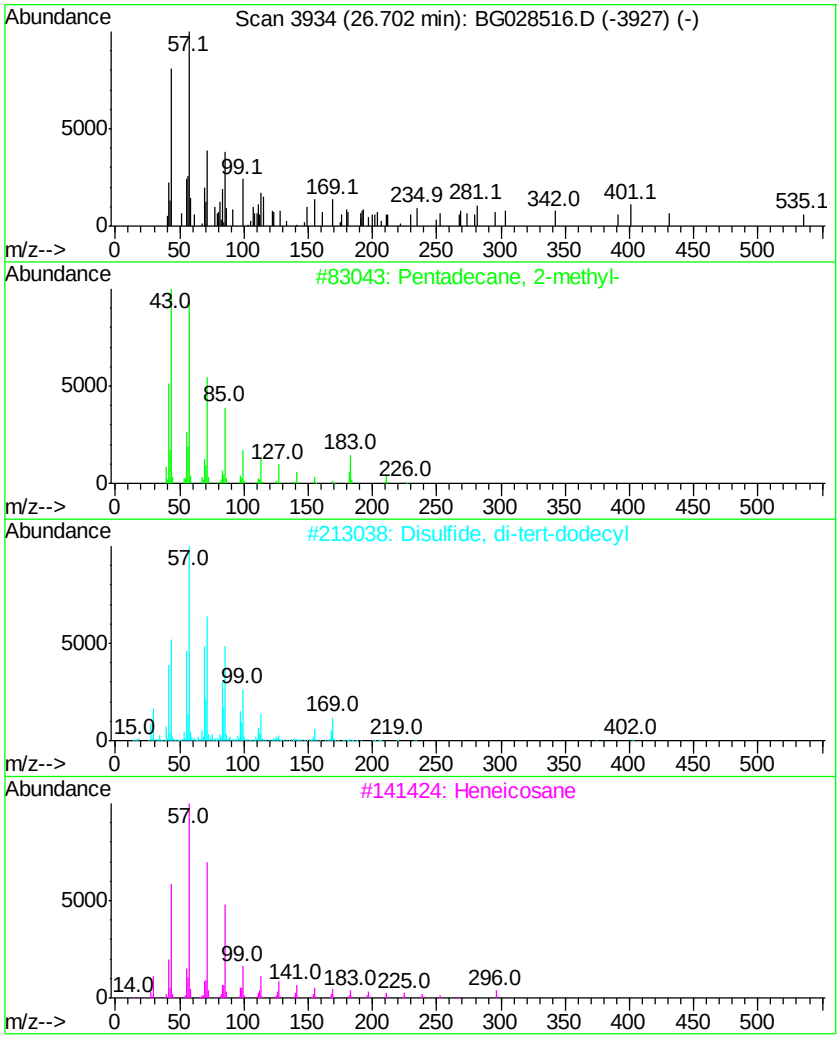
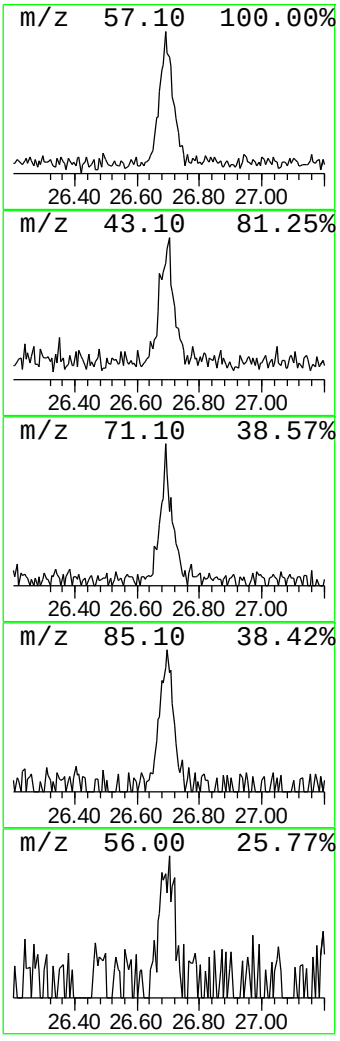
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	2.00 ng/ul	87762	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	59
2	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	59
3	Heneicosane	296	C21H44	000629-94-7	58
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	58
5	Hentriacontane	437	C31H64	000630-04-6	53





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
(DEL) Alkane: Str...	26.70	2.0	ng/ul	87762	6	25.53	876659	20.0