LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022051.D
Acq On : 23 May 2016 17:57
Operator : UM/SJ
Sample : H3124-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG1

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.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	3.497	110	112	114	rBV2	932	944	0.12%	0.012%
2	3.539	114	119	127	rVB4	4775	7384	0.92%	0.091%
3	3.973	191	193	195	rBV2	996	936	0.12%	0.011%
4	4.073	205	210	215	rBV5	3006	4908	0.61%	0.060%
5	4.208	231	233	238	rVB4	716	894	0.11%	0.011%
6	4.297	246	248	250	rBV2	1463	1329	0.17%	0.016%
7	5.237	406	408	411	rVB2	1181	847	0.11%	0.010%
8	5.695	483	486	491	rVB4	844	1288	0.16%	0.016%
9	6.823	676	678	682	rVB4	815	1118	0.14%	0.014%
10	6.870	682	686	690	rBV4	949	1879	0.24%	0.023%
11	7.311	755	761	771	rBV	78480	161239	20.17%	1.979%
12	7.475	782	789	802	rBV	66488	133082	16.65%	1.633%
13	7.693	818	826	837	rBV	89555	182645	22.85%	2.242%
14	7.810	844	846	849	rVB3	1076	985	0.12%	0.012%
15	7.957	867	871	873	rBV3	874	1561	0.20%	0.019%
16	8.004	876	879	882	rVB2	838	943	0.12%	0.012%
17	8.163	895	906	918	rVV	100663	203745	25.49%	2.501%
18	8.368	935	941	942	rBV2	1886	2016	0.25%	0.025%
19	8.521	964	967	969	rVB3	945	916	0.11%	0.011%
20	8.544	969	971	974	rBV3	839	1099	0.14%	0.013%
21	8.680	993	994	997	rBV2	1095	922	0.12%	0.011%
22	8.703	997	998	1002	rVB3	994	1081	0.14%	0.013%
23	8.732	1002	1003	1007	rVB2	982	845	0.11%	0.010%
24	8.821	1014	1018	1019	rBV2	1362	1606	0.20%	0.020%
25	8.862	1019	1025	1037	rBV	108900	220433	27.57%	2.705%
26	8.979	1043	1045	1048	rVB2	909	978	0.12%	0.012%
27	9.015	1048	1051	1052	rVV3	845	858	0.11%	0.011%
28	9.038	1052	1055	1056	rVV3	1624	1510	0.19%	0.019%
29	9.255	1087	1092	1095	rVB4	654	982	0.12%	0.012%
30	9.326	1095	1104	1117	rBV	76594	167263	20.92%	2.053%
31	9.649	1156	1159	1162	rBV2	849	894	0.11%	0.011%
32	9.708	1165	1169	1174	rVB3	810	1223	0.15%	0.015%
33	10.054	1221	1228	1238	rBV2	63829	135503	16.95%	1.663%
34	10.201	1250	1253	1254	rVB2	1133	845	0.11%	0.010%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Title : SVOA CALIBRATION

35	10.401	1285	1287	1291	rBV2	924	1217	0.15%	0.015%
36	10.601	1313	1321	1335	rBV	107544	232878	29.13%	2.858%
37	10.983	1375	1386	1400	rVB	184461	379322	47.45%	4.656%
38	11.112	1402	1408	1420	rBV	82567	186787	23.36%	2.293%
39	11.247	1430	1431	1438	rVB2	1756	2307	0.29%	0.028%
40	11.459	1464	1467	1471	rVB4	904	1233	0.15%	0.015%
41	11.929	1545	1547	1550	rBV2	782	851	0.11%	0.010%
42	11.970	1550	1554	1555	rVV	1413	1724	0.22%	0.021%
43	11.982	1555	1556	1559	rVV	1815	968	0.12%	0.012%
44	12.017	1559	1562	1565	rVV2	704	950	0.12%	0.012%
45	12.105	1573	1577	1579	rVV2	656	1005	0.13%	0.012%
46	12.164	1584	1587	1589	rBV	1171	1205	0.15%	0.015%
47	12.234	1596	1599	1601	rVB3	1080	1334	0.17%	0.016%
48	12.369	1617	1622	1625	rBV4	1987	3377	0.42%	0.041%
49	12.446	1631	1635	1637	rVB2	884	976	0.12%	0.012%
50	12.557	1649	1654	1660	rBV3	1769	3572	0.45%	0.044%
51	12.628	1664	1666	1672	rVB3	1348	2041	0.26%	0.025%
52	12.839	1701	1702	1706	rVB2	1185	1220	0.15%	0.015%
53	13.004	1728	1730	1734	rVB3	964	1260	0.16%	0.015%
54	13.074	1741	1742	1745	rVB2	1396	884	0.11%	0.011%
55	13.163	1754	1757	1761	rVB3	1500	2230	0.28%	0.027%
56	13.221	1764	1767	1769	rBV2	1722	1360	0.17%	0.017%
57	13.298	1776	1780	1784	rBV5	2875	4584	0.57%	0.056%
58	13.386	1791	1795	1797	rBV3	2026	2657	0.33%	0.033%
59	13.544	1819	1822	1824	rBV	1033	1423	0.18%	0.017%
60	13.592	1824	1830	1835	rVV	6383	10759	1.35%	0.132%
61	13.644	1835	1839	1840	rBV2	1392	1404	0.18%	0.017%
62	13.668	1840	1843	1844	rVV3	1389	1194	0.15%	0.015%
63	13.721	1849	1852	1854	rBV3	1422	1758	0.22%	0.022%
64	13.780	1860	1862	1863	rVB2	1571	843	0.11%	0.010%
65	13.797	1863	1865	1866	rBV	1646	852	0.11%	0.010%
66	13.832	1870	1871	1874	rVV2	1275	1115	0.14%	0.014%
67	13.879	1874	1879	1881	rVV4	1284	1514	0.19%	0.019%
68	13.903	1881	1883	1884	rBV	1720	835	0.10%	0.010%
69	13.921	1884	1886	1891	rBV3	1262	2035	0.25%	0.025%
70	14.044	1904	1907	1910	rBV4	1310	1640	0.21%	0.020%
71	14.097	1913	1916	1917	rBV3	2003	1764	0.22%	0.022%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Title : SVOA CALIBRATION

72	14.179	1923	1930	1935	rBV	227339	374798	46.88%	4.600%
73	14.226	1935	1938	1944	rVB	41016	67055	8.39%	0.823%
74	14.367	1955	1962	1964	rBV6	1422	2507	0.31%	0.031%
75	14.408	1968	1969	1972	rBV2	1338	1170	0.15%	0.014%
76	14.479	1974	1981	1996	rBV	296177	544828	68.15%	6.687%
77	14.590	1998	2000	2001	rBV2	1576	1205	0.15%	0.015%
78	14.655	2007	2011	2016	rBV2	16041	21011	2.63%	0.258%
79	14.737	2021	2025	2026	rBV4	3338	4980	0.62%	0.061%
80	14.784	2026	2033	2042	rVB2	292474	527245	65.95%	6.471%
81	14.925	2053	2057	2058	rBV3	2241	1885	0.24%	0.023%
82	14.990	2062	2068	2080	rBV2	32475	94187	11.78%	1.156%
83	15.196	2102	2103	2104	rBV	2923	1652	0.21%	0.020%
84	15.313	2121	2123	2126	rBV3	2275	2933	0.37%	0.036%
85	15.384	2133	2135	2136	rBV2	3347	2235	0.28%	0.027%
86	15.601	2168	2172	2177	rVB2	22282	35002	4.38%	0.430%
87	15.777	2195	2202	2208	rBV	347700	603635	75.51%	7.409%
88	15.895	2216	2222	2227	rBV	53709	91274	11.42%	1.120%
89	16.006	2238	2241	2247	rVB4	11941	18424	2.30%	0.226%
90	16.488	2315	2323	2329	rVB2	34578	84622	10.58%	1.039%
91	17.252	2451	2453	2458	rVB5	17615	22129	2.77%	0.272%
92	17.311	2459	2463	2465	rBV4	11737	17658	2.21%	0.217%
93	17.528	2494	2500	2506	rBV	299591	530176	66.32%	6.507%
94	17.628	2511	2517	2526	rVV	328507	553622	69.25%	6.795%
95	19.308	2799	2803	2806	rBV6	17134	26110	3.27%	0.320%
96	19.573	2843	2848	2853	rVB	91695	140195	17.54%	1.721%
97	19.908	2899	2905	2917	rVB3	387894	799459	100.00%	9.812%
98	21.811	3222	3229	3235	rBV2	283887	603109	75.44%	7.402%
99	24.919	3750	3758	3766	rBV2	135129	386062	48.29%	4.738%
100	25.149	3788	3797	3807	rBV2	151635	480756	60.14%	5.901%

Sum of corrected areas: 8147703

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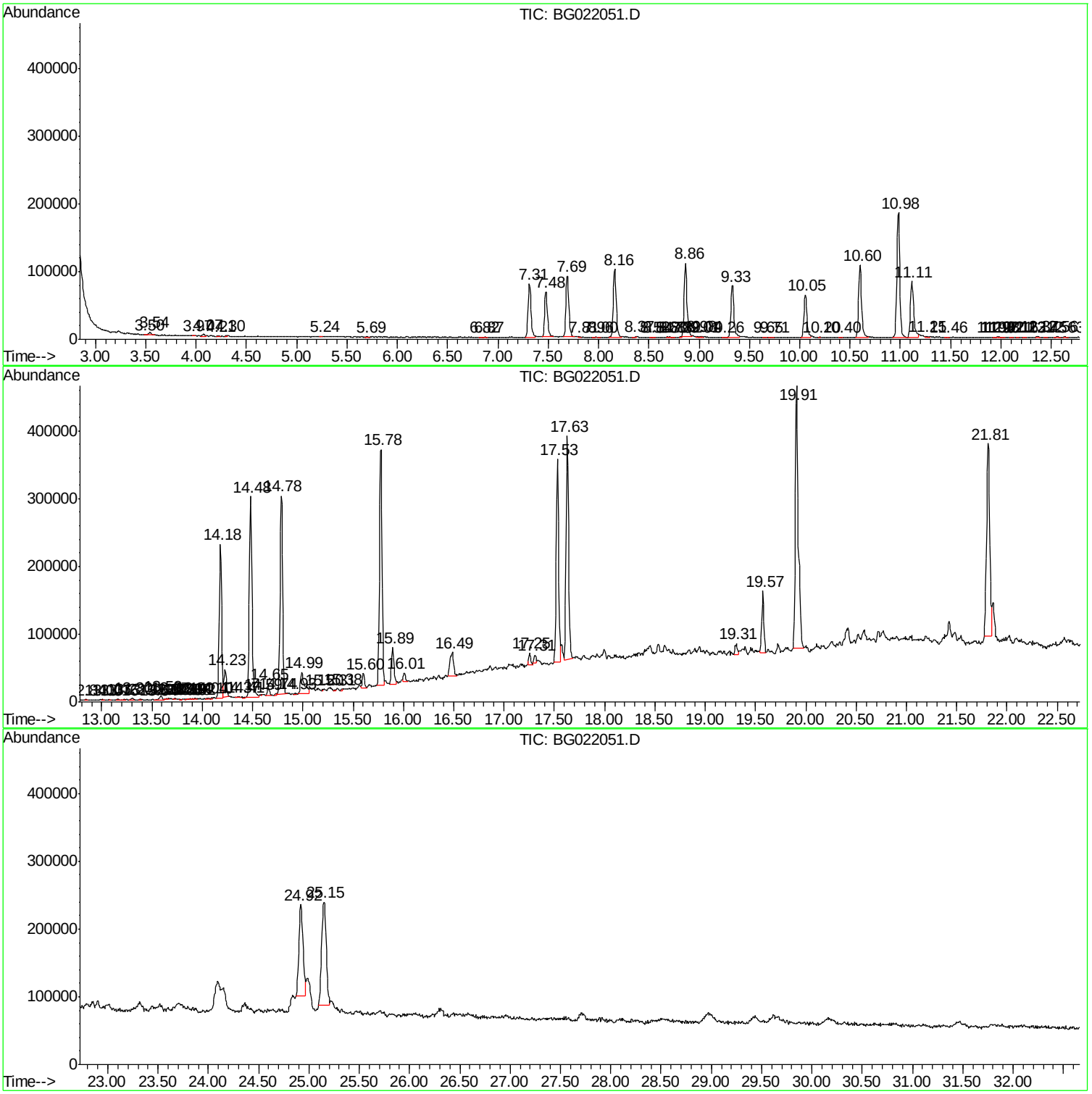
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

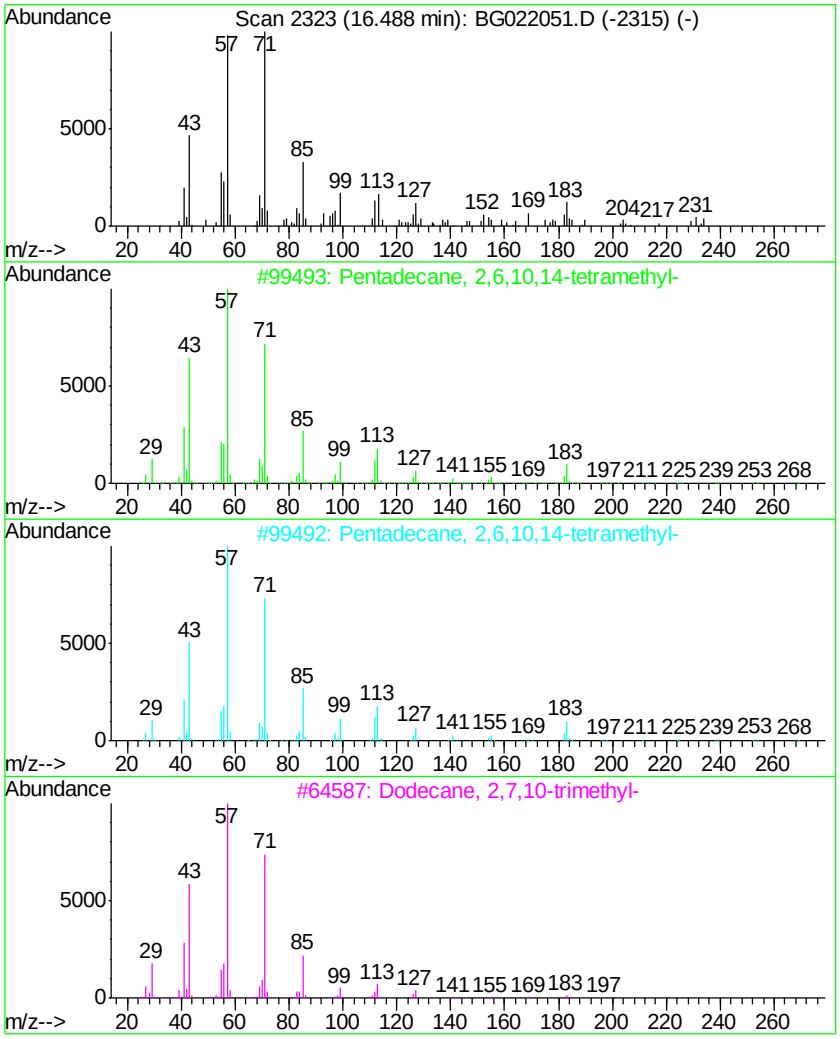
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

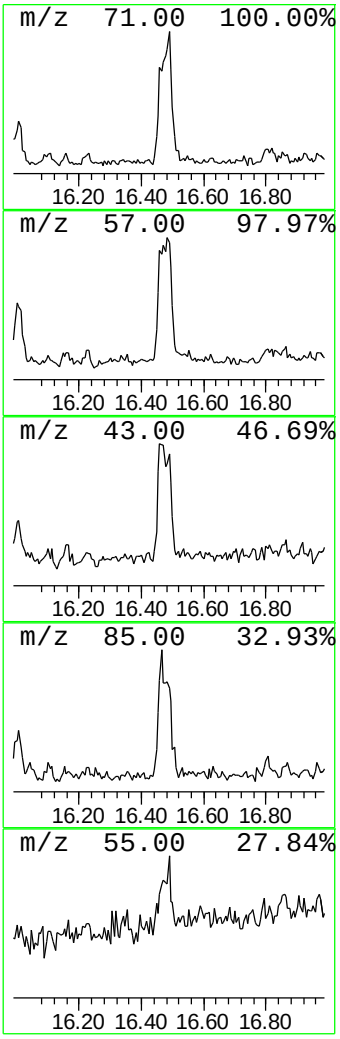
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.19 ng/ul	84622	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	16.49	3.2	ng/ul	84622	4	17.53	530176	20.0