LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051682.D
Acq On : 20 Dec 2021 15:26
Operator : CG/JU
Sample : M5171-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLA3

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_G\Methods\SFAM-EPA-BG121421.M
Title : SVOA CALIBRATION

Signal : TIC: BG051682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.600	15	19	24	rVB3	5225	6407	1.30%	0.105%
2	3.688	31	34	36	rBV2	1722	1393	0.28%	0.023%
3	4.029	88	92	104	rBV2	39000	69012	14.01%	1.127%
4	4.234	125	127	132	rBV3	1297	1631	0.33%	0.027%
5	4.281	132	135	140	rVV5	2781	4388	0.89%	0.072%
6	4.375	148	151	152	rBV5	1686	1597	0.32%	0.026%
7	4.393	152	154	157	rVB	2412	2057	0.42%	0.034%
8	4.569	179	184	185	rVV	985	1588	0.32%	0.026%
9	4.681	199	203	206	rBV2	873	1580	0.32%	0.026%
10	4.751	211	215	219	rBV4	1425	2684	0.54%	0.044%
11	4.927	243	245	248	rVB	1242	1294	0.26%	0.021%
12	5.315	307	311	314	rBV	2856	3884	0.79%	0.063%
13	6.637	532	536	540	rBB	1491	1841	0.37%	0.030%
14	7.119	615	618	621	rVB2	973	1298	0.26%	0.021%
15	7.401	659	666	675	rBV	97331	179728	36.49%	2.935%
16	7.577	688	696	704	rBV	66070	112666	22.88%	1.840%
17	7.794	727	733	742	rBV	89063	155244	31.52%	2.535%
18	7.953	757	760	765	rVB	1060	1476	0.30%	0.024%
19	8.006	765	769	770	rBV	1045	1491	0.30%	0.024%
20	8.158	789	795	797	rBV	986	1596	0.32%	0.026%
21	8.276	805	815	821	rBV	110652	190817	38.75%	3.116%
22	8.323	822	823	825	rVV2	1960	1467	0.30%	0.024%
23	8.358	828	829	833	rVB3	2108	1791	0.36%	0.029%
24	8.963	924	932	940	rVB	106043	187744	38.12%	3.066%
25	9.092	950	954	955	rBV	1607	2114	0.43%	0.035%
26	9.439	1006	1013	1021	rVB2	93756	166171	33.74%	2.714%
27	9.521	1021	1027	1029	rBV2	1531	2604	0.53%	0.043%
28	9.598	1034	1040	1042	rBV2	1711	2449	0.50%	0.040%
29	9.868	1081	1086	1091	rVB2	14141	21399	4.35%	0.349%
30	10.173	1132	1138	1146	rVB2	74039	136885	27.79%	2.235%
31	10.720	1224	1231	1238	rBV	116477	216046	43.87%	3.528%
32	10.861	1251	1255	1260	rBV2	2747	4553	0.92%	0.074%
33	11.107	1290	1297	1305	rBV	153332	281466	57.15%	4.597%
34	11.231	1311	1318	1327	rBV	94060	174360	35.40%	2.847%
35	11.947	1438	1440	1443	rVB2	1321	1427	0.29%	0.023%
36	12.118	1465	1469	1474	rBV5	2432	4216	0.86%	0.069%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

37	12.364	1506	1511	1517	rVB	87784	126773	25.74%	2.070%
38	12.500	1528	1534	1540	rBV3	4233	6865	1.39%	0.112%
39	12.664	1555	1562	1563	rBV2	2138	3476	0.71%	0.057%
40	12.682	1563	1565	1569	rVV3	2285	3051	0.62%	0.050%
41	12.752	1571	1577	1581	rVB4	1948	3488	0.71%	0.057%
42	13.122	1638	1640	1645	rVV5	1779	2564	0.52%	0.042%
43	13.157	1645	1646	1649	rVV3	1489	1471	0.30%	0.024%
44	13.228	1656	1658	1660	rVV3	2238	1939	0.39%	0.032%
45	13.269	1663	1665	1667	rVV2	1430	1471	0.30%	0.024%
46	13.293	1667	1669	1670	rVV2	2064	1499	0.30%	0.024%
47	13.310	1670	1672	1675	rVB2	2537	1834	0.37%	0.030%
48	13.398	1682	1687	1689	rVV5	2188	3413	0.69%	0.056%
49	13.451	1689	1696	1699	rVV3	4729	8082	1.64%	0.132%
50	13.498	1701	1704	1705	rBV3	2746	1718	0.35%	0.028%
51	13.557	1713	1714	1717	rVB2	1741	1541	0.31%	0.025%
52	13.616	1721	1724	1726	rBV3	1596	1387	0.28%	0.023%
53	13.721	1736	1742	1749	rBV5	10817	20888	4.24%	0.341%
54	13.815	1755	1758	1761	rBV3	1734	1950	0.40%	0.032%
55	13.857	1761	1765	1768	rBV3	1492	2485	0.50%	0.041%
56	13.968	1783	1784	1787	rBV3	1192	1393	0.28%	0.023%
57	14.068	1799	1801	1803	rVV2	2261	1883	0.38%	0.031%
58	14.092	1803	1805	1808	rVV4	2067	2068	0.42%	0.034%
59	14.150	1813	1815	1818	rVB3	2172	2062	0.42%	0.034%
60	14.238	1825	1830	1833	rBV6	2968	4299	0.87%	0.070%
61	14.297	1833	1840	1845	rBV	230269	328639	66.73%	5.367%
62	14.379	1850	1854	1858	rVV3	10539	13715	2.78%	0.224%
63	14.491	1867	1873	1876	rBV5	2748	5476	1.11%	0.089%
64	14.532	1876	1880	1881	rBV3	4422	3534	0.72%	0.058%
65	14.544	1881	1882	1886	rVB4	4046	3959	0.80%	0.065%
66	14.603	1886	1892	1899	rBV	237828	379559	77.07%	6.198%
67	14.679	1901	1905	1909	rVV6	3305	4755	0.97%	0.078%
68	14.738	1913	1915	1917	rBV3	3061	2605	0.53%	0.043%
69	14.791	1919	1924	1927	rBV6	9802	15376	3.12%	0.251%
70	14.861	1934	1936	1938	rBV2	2586	2826	0.57%	0.046%
71	14.908	1938	1944	1953	rVB	266125	415544	84.38%	6.786%
72	14.990	1955	1958	1959	rBV3	2050	1912	0.39%	0.031%
73	15.067	1965	1971	1980	rBV	89244	157105	31.90%	2.566%
74	15.178	1988	1990	1992	rVB2	2871	1846	0.37%	0.030%
75	15.225	1992	1998	2001	rBV8	4783	8640	1.75%	0.141%
76	15.296	2006	2010	2014	rVV6	6435	10098	2.05%	0.165%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Title : SVOA CALIBRATION

77	15.349	2017	2019	2022	rVB4	3946	2432	0.49%	0.040%
78	15.378	2022	2024	2025	rBV	2535	1669	0.34%	0.027%
79	15.396	2025	2027	2028	rVV2	2551	2523	0.51%	0.041%
80	15.413	2028	2030	2034	rVB5	4534	3936	0.80%	0.064%
81	15.490	2041	2043	2045	rVB3	3113	1822	0.37%	0.030%
82	15.513	2045	2047	2048	rBV2	2525	1837	0.37%	0.030%
83	15.537	2048	2051	2055	rVV5	4453	6208	1.26%	0.101%
84	15.613	2061	2064	2065	rBV3	3281	3006	0.61%	0.049%
85	15.666	2071	2073	2074	rBV2	3492	1371	0.28%	0.022%
86	15.695	2074	2078	2081	rBV6	7315	11829	2.40%	0.193%
87	15.736	2081	2085	2088	rVB5	9825	15447	3.14%	0.252%
88	15.895	2105	2112	2118	rBV	325722	492492	100.00%	8.043%
89	15.995	2124	2129	2136	rBV2	66629	100660	20.44%	1.644%
90	16.089	2143	2145	2146	rVB2	4632	2468	0.50%	0.040%
91	16.142	2148	2154	2158	rVB5	16104	30828	6.26%	0.503%
92	16.183	2158	2161	2163	rBV4	4530	4972	1.01%	0.081%
93	16.242	2169	2171	2172	rVB2	5503	3397	0.69%	0.055%
94	16.623	2233	2236	2241	rVB3	44241	57066	11.59%	0.932%
95	17.446	2373	2376	2383	rVB7	25586	37930	7.70%	0.619%
96	17.657	2406	2412	2418	rBV	283634	443559	90.06%	7.244%
97	17.751	2423	2428	2434	rVB	275111	441105	89.57%	7.204%
98	20.031	2812	2816	2821	rVB	303949	421417	85.57%	6.882%
99	21.840	3122	3124	3132	rVB	117422	154126	31.30%	2.517%
100	21.975	3144	3147	3153	rVB	238051	369793	75.09%	6.039%

Sum of corrected areas: 6123446

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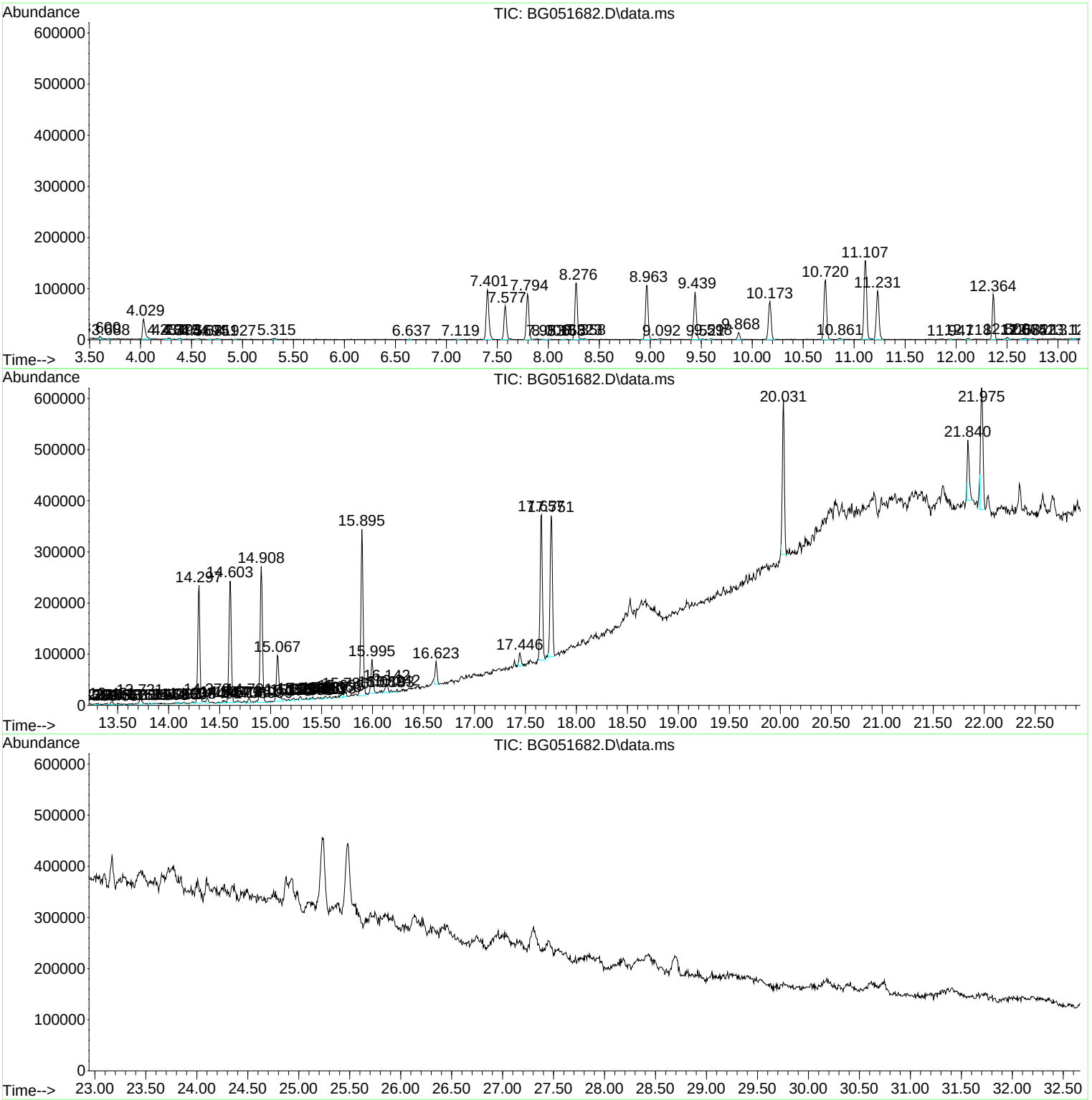
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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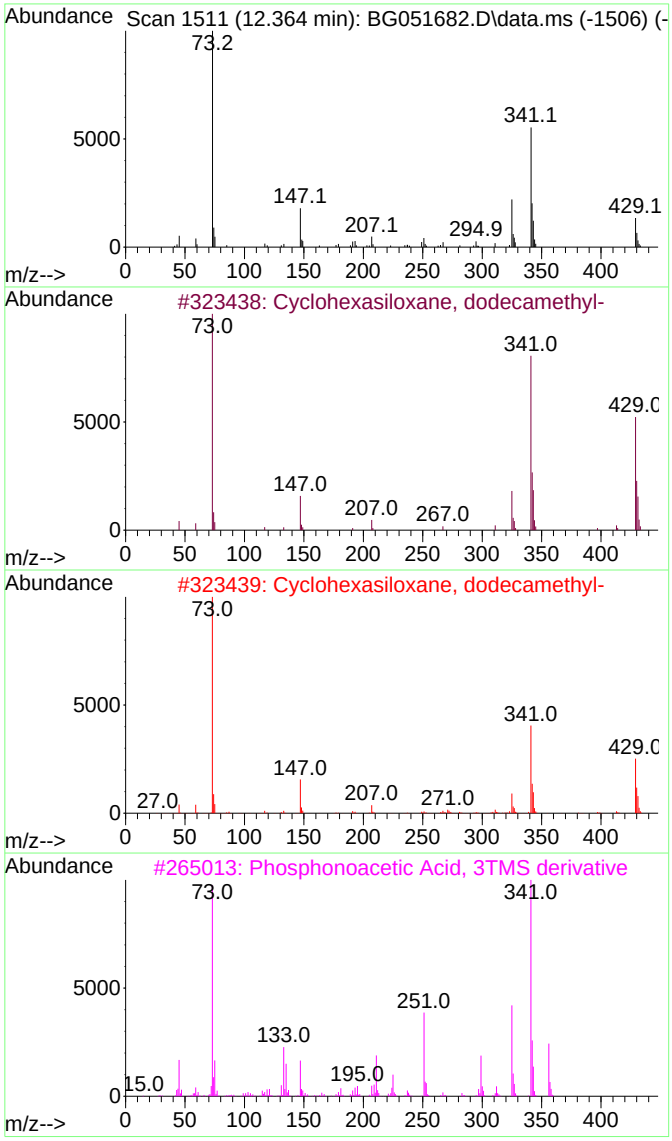
Quant Title : SVOA CALIBRATION

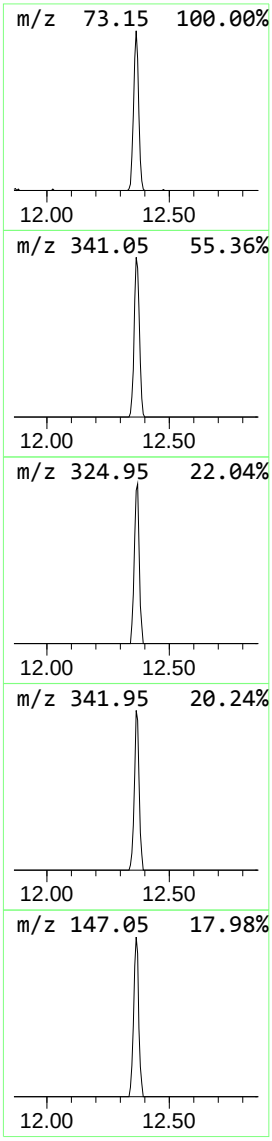
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexasiloxane, dodecame... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.364	9.01 ng/ul	126773	Naphthalene-d8	11.107

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	64
3	Phosphonoacetic Acid, 3TMS deriv...	356	C11H29O5PSi3	053044-27-2	59
4	4-Hydrazinylpyridin-2(1H)-one, 3TMS	341	C14H31N3OSi3	1000499-42-7	53
5	5-Isopentyl-6-methyl-2-sulfanyl-...	356	C16H32N2OSSi2	1000476-72-2	50





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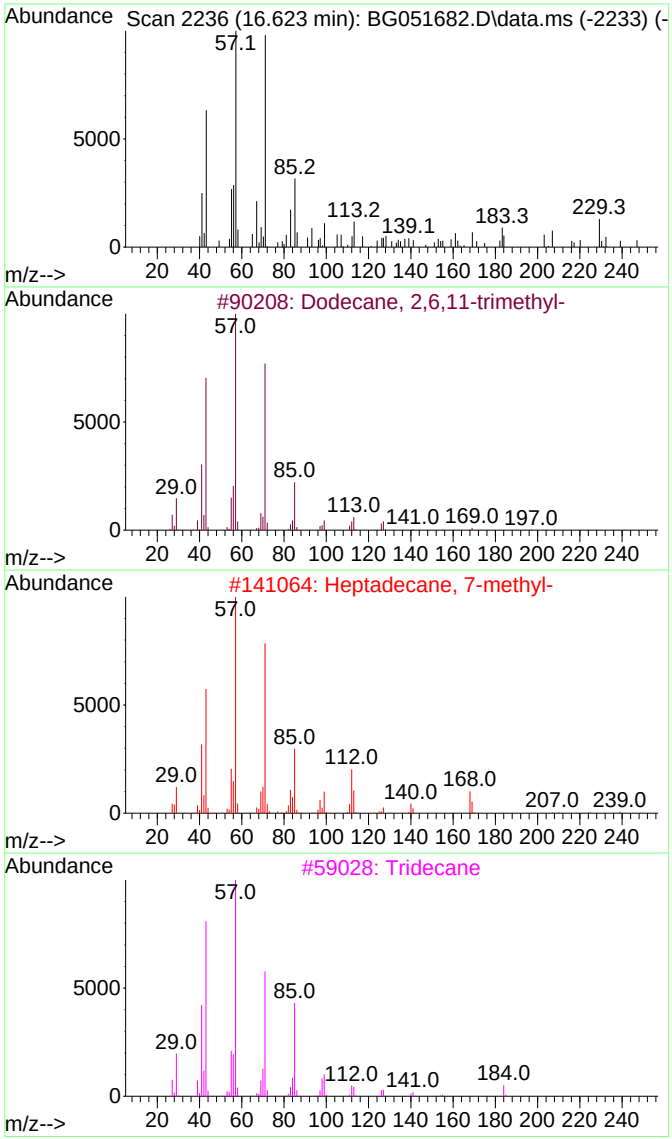
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

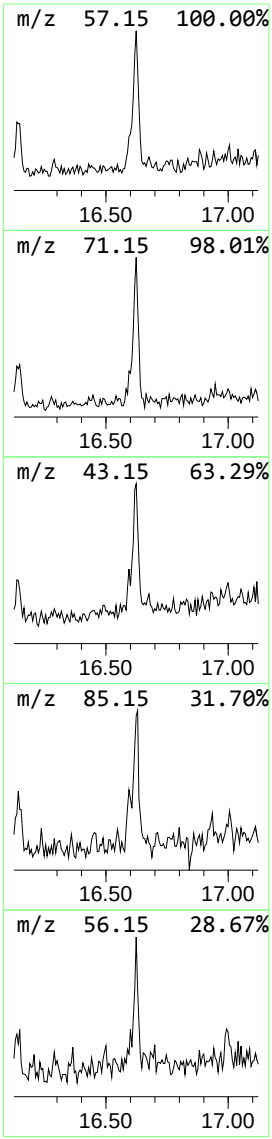
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.623	2.57 ng/ul	57066	Phenanthrene-d10	17.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	53
3	Tridecane	184	C13H28	000629-50-5	43
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	43
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	43





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
Cyclohexasiloxa...	12.364	9.0	ng/ul	126773	2	11.107	281466	20.0
(DEL) Alkane: S...	16.623	2.6	ng/ul	57066	4	17.657	443559	20.0