LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028414.D
Acq On : 22 Aug 2017 11:58
Operator : SJ/JU
Sample : I4831-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AE0

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	3.726	20	23	27	rBV4	1920	2645	0.27%	0.025%
2	3.820	35	39	49	rVB6	6314	10537	1.08%	0.100%
3	4.295	114	120	122	rBV6	1395	3370	0.34%	0.032%
4	4.566	161	166	168	rVB3	2860	4076	0.42%	0.039%
5	4.736	191	195	199	rVB4	2034	3725	0.38%	0.036%
6	4.995	235	239	241	rVB2	1928	2508	0.26%	0.024%
7	5.118	256	260	262	rBV2	2016	2436	0.25%	0.023%
8	5.200	270	274	281	rBV4	2182	5281	0.54%	0.050%
9	5.253	281	283	289	rBV5	2235	2995	0.31%	0.029%
10	5.453	310	317	325	rVV	81646	125821	12.88%	1.200%
11	5.576	334	338	341	rVB4	1639	2503	0.26%	0.024%
12	5.970	400	405	409	rBV2	2204	2710	0.28%	0.026%
13	6.311	460	463	466	rBV3	1843	2705	0.28%	0.026%
14	6.405	472	479	480	rBV4	2403	3190	0.33%	0.030%
15	6.558	500	505	507	rBV3	2477	2464	0.25%	0.023%
16	6.616	512	515	520	rBV3	2233	3539	0.36%	0.034%
17	7.098	592	597	599	rVB3	1497	2413	0.25%	0.023%
18	7.139	603	604	609	rBV2	2133	2825	0.29%	0.027%
19	7.286	624	629	634	rVB3	1661	2698	0.28%	0.026%
20	7.386	641	646	647	rVB3	1987	2657	0.27%	0.025%
21	7.410	647	650	652	rBV3	2267	2818	0.29%	0.027%
22	7.498	658	665	676	rVB2	25764	49003	5.02%	0.467%
23	7.656	683	692	701	rBV	77111	133728	13.69%	1.275%
24	7.791	711	715	721	rBV4	1941	4234	0.43%	0.040%
25	7.880	721	730	739	rVV2	90524	169569	17.36%	1.617%
26	8.220	787	788	795	rBV2	1797	2454	0.25%	0.023%
27	8.291	795	800	802	rBV2	1944	2483	0.25%	0.024%
28	8.344	802	809	814	rBV	121383	229774	23.52%	2.191%
29	8.585	847	850	853	rBV	2116	2590	0.27%	0.025%
30	8.761	875	880	882	rBV3	2189	2480	0.25%	0.024%
31	9.043	920	928	941	rBV2	70360	142531	14.59%	1.359%
32	9.172	947	950	957	rVB5	5120	8367	0.86%	0.080%
33	9.437	990	995	1001	rBV6	4240	9437	0.97%	0.090%
34	9.507	1001	1007	1018	rVB	106830	200780	20.55%	1.914%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	9.783	1049	1054	1058	rVB2	2155	4000	0.41%	0.038%
36	9.842	1061	1064	1069	rBV2	1285	2815	0.29%	0.027%
37	10.236	1119	1131	1139	rBV2	98400	188707	19.32%	1.799%
38	10.412	1154	1161	1164	rBV3	2032	3903	0.40%	0.037%
39	10.782	1216	1224	1242	rVB2	129780	279111	28.57%	2.661%
40	10.929	1243	1249	1250	rVB2	1570	2577	0.26%	0.025%
41	11.070	1271	1273	1280	rVB3	1437	2828	0.29%	0.027%
42	11.158	1280	1288	1298	rBV	181858	340857	34.89%	3.250%
43	11.305	1306	1313	1318	rBV5	4318	8656	0.89%	0.083%
44	11.810	1392	1399	1401	rVV3	1911	3436	0.35%	0.033%
45	11.828	1401	1402	1409	rVB3	2354	3589	0.37%	0.034%
46	12.092	1442	1447	1448	rVB	1878	2747	0.28%	0.026%
47	12.368	1491	1494	1500	rBV2	1728	3507	0.36%	0.033%
48	12.462	1506	1510	1515	rVB2	1555	2809	0.29%	0.027%
49	12.680	1541	1547	1549	rVV2	1987	2991	0.31%	0.029%
50	12.727	1549	1555	1563	rVB3	2805	5097	0.52%	0.049%
51	12.815	1568	1570	1574	rBV2	2169	2714	0.28%	0.026%
52	13.220	1636	1639	1645	rBV2	1394	2461	0.25%	0.023%
53	13.303	1650	1653	1656	rBV3	3382	3606	0.37%	0.034%
54	13.402	1669	1670	1678	rVB2	1816	3619	0.37%	0.035%
55	13.549	1689	1695	1702	rBV4	6144	13002	1.33%	0.124%
56	13.637	1703	1710	1716	rVB2	1632	4540	0.46%	0.043%
57	13.814	1734	1740	1748	rBV2	17377	27125	2.78%	0.259%
58	14.143	1794	1796	1801	rBV	1661	2865	0.29%	0.027%
59	14.337	1822	1829	1845	rBV	317552	481471	49.29%	4.590%
60	14.648	1872	1882	1892	rBV	314958	527879	54.04%	5.033%
61	14.954	1924	1934	1942	rBV2	326829	566557	58.00%	5.402%
62	15.183	1965	1973	1985	rBV6	13216	40736	4.17%	0.388%
63	15.600	2038	2044	2046	rBV2	2368	3099	0.32%	0.030%
64	15.706	2059	2062	2065	rBV2	2718	2602	0.27%	0.025%
65	15.741	2065	2068	2072	rVB3	2589	3880	0.40%	0.037%
66	15.941	2089	2102	2113	rVV	466582	732421	74.98%	6.983%
67	16.058	2113	2122	2131	rBV	154000	250851	25.68%	2.392%
68	16.182	2137	2143	2148	rVB3	5882	8839	0.90%	0.084%
69	16.293	2155	2162	2168	rBV4	4435	9429	0.97%	0.090%
70	16.740	2234	2238	2241	rVV3	2349	2962	0.30%	0.028%
71	16.898	2259	2265	2268	rVB	1579	2565	0.26%	0.024%

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Instrument : BNA_G
ClientSampleId : B0AE0

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Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	17.069	2293	2294	2301	rVB2	1981	3120	0.32%	0.030%
73	17.321	2334	2337	2341	rBV2	2086	2889	0.30%	0.028%
74	17.697	2392	2401	2410	rBV	504617	784238	80.28%	7.477%
75	17.797	2410	2418	2428	rVB	536027	860658	88.10%	8.206%
76	17.874	2428	2431	2433	rBV3	2117	2328	0.24%	0.022%
77	17.956	2441	2445	2448	rBV2	3262	4599	0.47%	0.044%
78	18.344	2504	2511	2517	rBV3	62692	87171	8.92%	0.831%
79	18.567	2542	2549	2552	rBV6	2940	6209	0.64%	0.059%
80	18.626	2555	2559	2566	rBV3	2931	5102	0.52%	0.049%
81	18.732	2576	2577	2583	rVB4	2548	2852	0.29%	0.027%
82	18.808	2588	2590	2593	rVB2	2023	2434	0.25%	0.023%
83	18.931	2608	2611	2613	rBV2	4320	4001	0.41%	0.038%
84	19.019	2624	2626	2630	rVB3	2691	2353	0.24%	0.022%
85	19.254	2665	2666	2674	rVB6	1875	3005	0.31%	0.029%
86	19.431	2686	2696	2699	rBV7	3265	8352	0.85%	0.080%
87	19.578	2719	2721	2722	rBV2	2889	2769	0.28%	0.026%
88	19.666	2734	2736	2737	rBV2	3428	2881	0.29%	0.027%
89	19.719	2740	2745	2750	rBV7	6431	12005	1.23%	0.114%
90	19.818	2756	2762	2766	rVB4	4083	8213	0.84%	0.078%
91	19.865	2767	2770	2773	rVB4	4712	7036	0.72%	0.067%
92	19.907	2773	2777	2779	rBV4	5226	7326	0.75%	0.070%
93	19.965	2782	2787	2792	rVB6	6871	12029	1.23%	0.115%
94	20.071	2798	2805	2816	rBV	655349	976859	100.00%	9.314%
95	22.028	3130	3138	3149	rVB	498803	909146	93.07%	8.668%
96	23.567	3396	3400	3410	rVB6	18055	33696	3.45%	0.321%
97	25.289	3682	3693	3709	rVB2	314693	950481	97.30%	9.062%
98	25.535	3719	3735	3748	rVB3	267685	909270	93.08%	8.669%
99	26.699	3926	3933	3950	rVB9	22919	78994	8.09%	0.753%
100	28.168	4175	4183	4197	rVB7	22672	96393	9.87%	0.919%

Sum of corrected areas: 10488608

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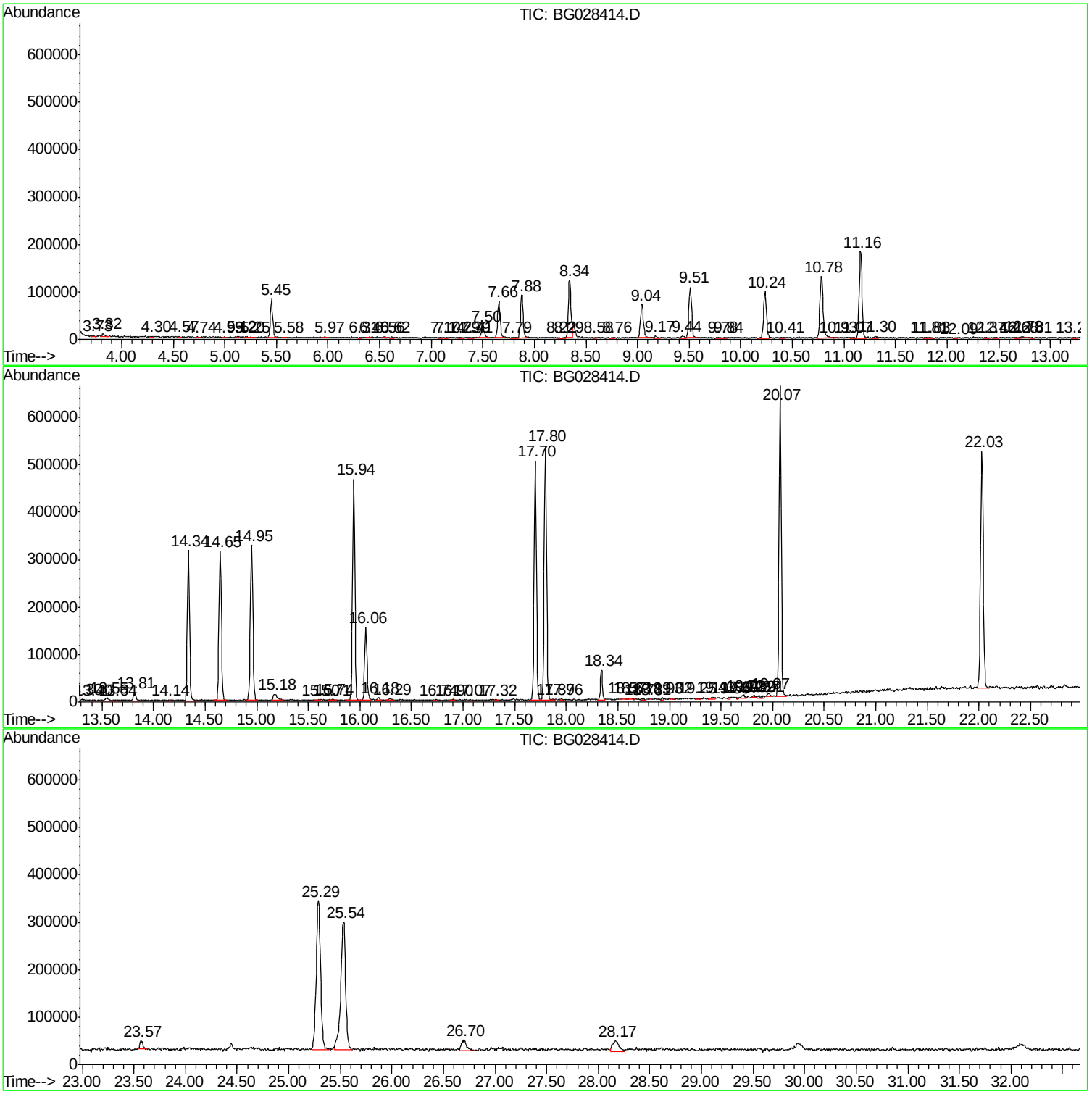
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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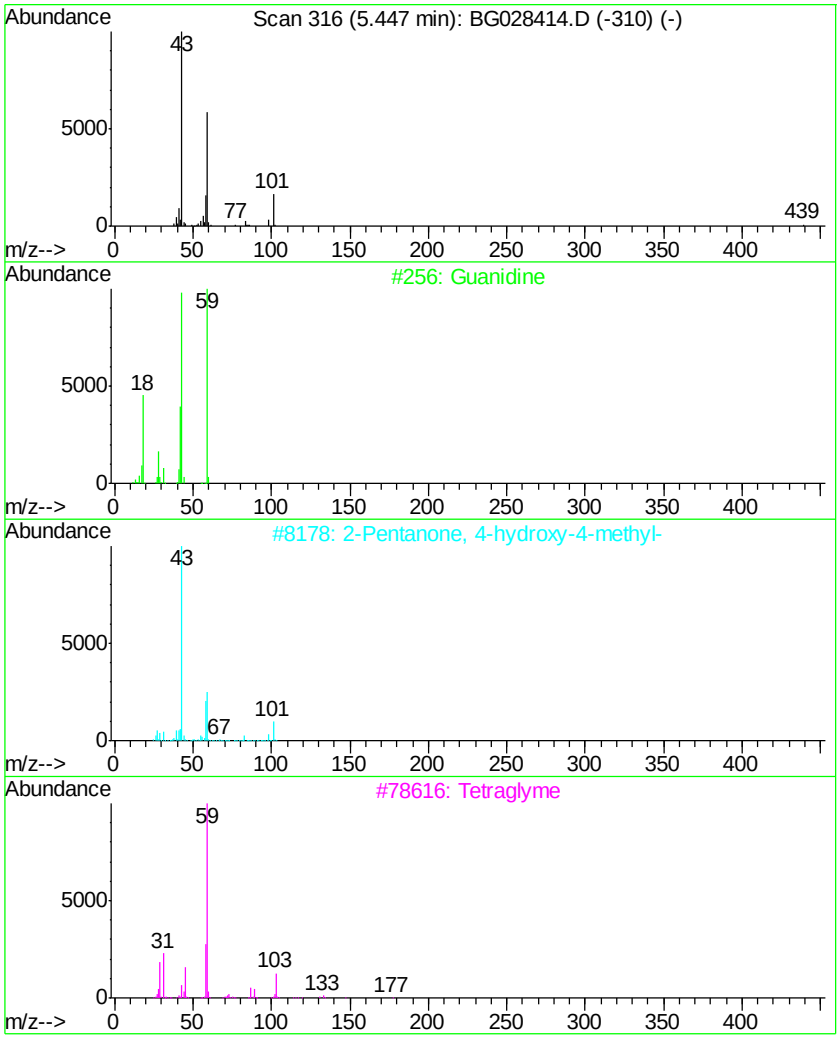
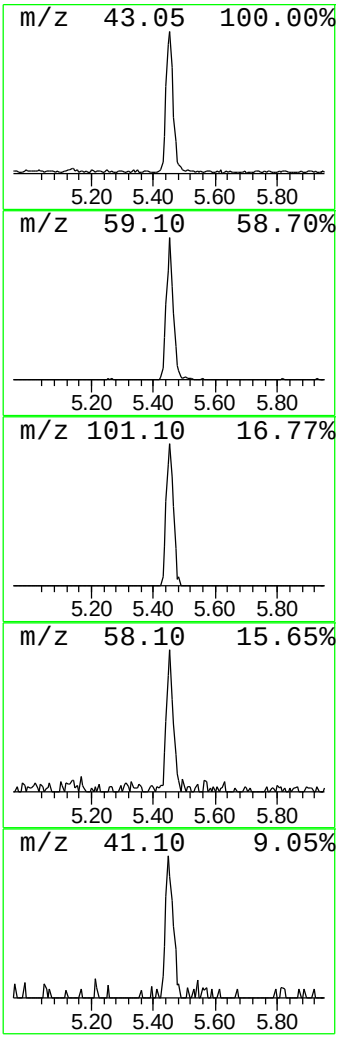
****

Peak Number 1 Guanidine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	10.95 ng/ul	125821	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
3	Tetraglyme	222	C10H22O5	000143-24-8	33
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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Quant Title : SVOA CALIBRATION

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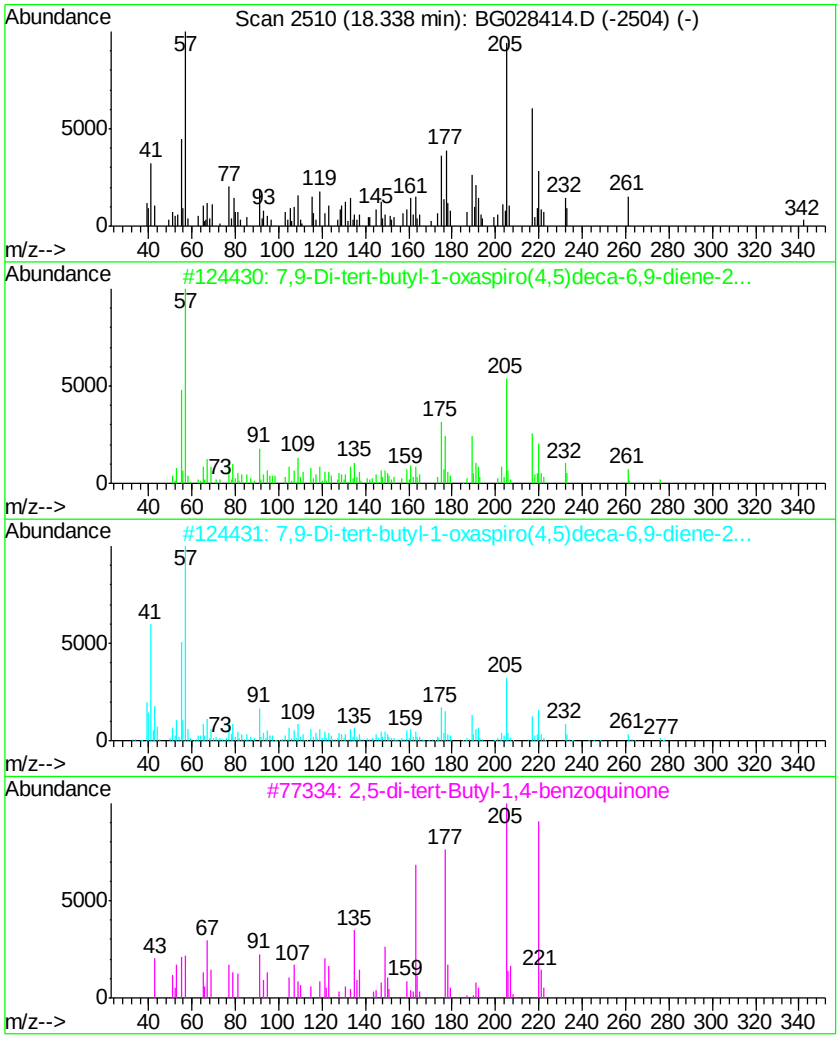
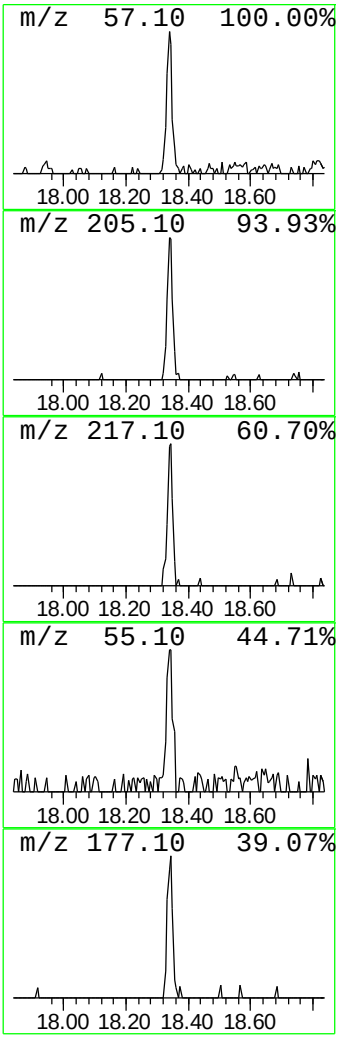
Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.22 ng/ul	87171	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	59
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	59
3	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	38
4	2,6-Bis(1,1-dimethylethyl)-4-met...	262	C18H30O	004278-82-4	30
5	Thiophene, 2-(4-nitrophenyl)-	205	C10H7NO2S	059156-21-7	30





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Quant Title : SVOA CALIBRATION

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

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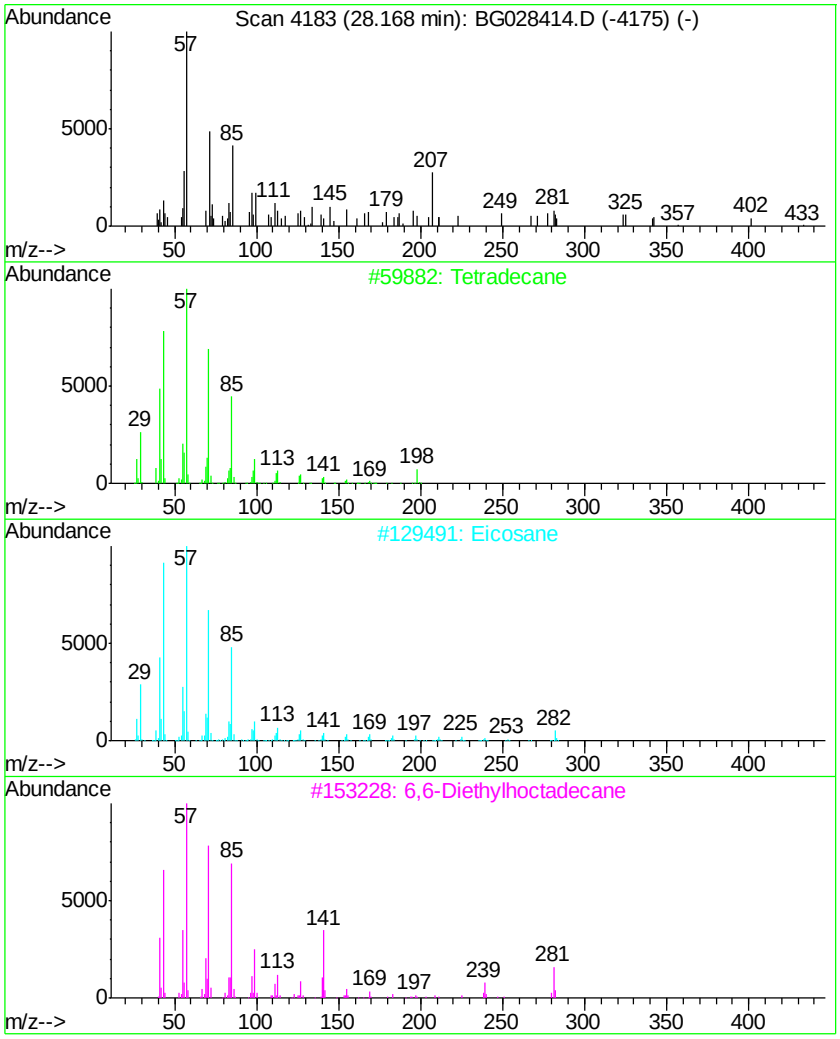
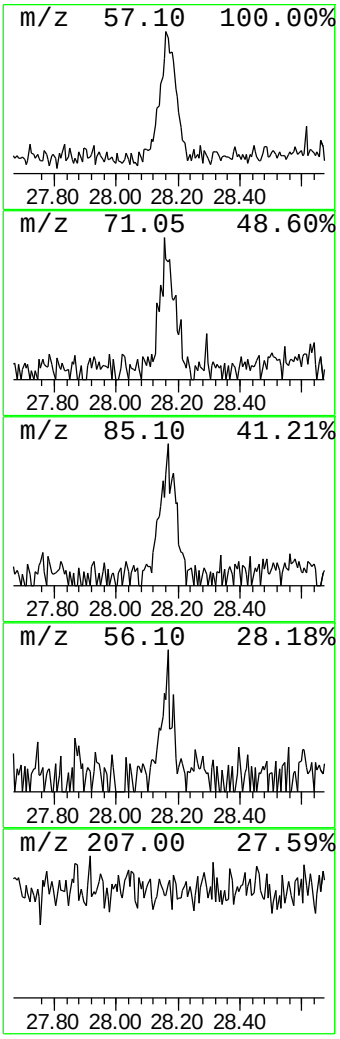
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.17	2.12 ng/ul	96393	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	60
2	Eicosane	282	C20H42	000112-95-8	53
3	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	50
4	Hentriacontane	437	C31H64	000630-04-6	49
5	Tetracosane	338	C24H50	000646-31-1	49





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
Guanidine	5.45	10.9	ng/ul	125821	1	8.34	229774	20.0
7,9-Di-tert-butyl...	18.34	2.2	ng/ul	87171	4	17.70	784238	20.0
(DEL) Alkane: Str...	28.17	2.1	ng/ul	96393	6	25.53	909270	20.0