LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027489.D
Acq On : 17 Jun 2017 2:39
Operator : SJ/MA
Sample : I3600-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5E16

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-BG061617.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	3.994	16	18	28	rVB7	2040	4279	0.22%	0.024%
2	4.082	28	33	43	rVB4	12754	22526	1.16%	0.128%
3	4.793	149	154	161	rVB3	2575	4182	0.22%	0.024%
4	4.893	165	171	172	rVB4	1214	2282	0.12%	0.013%
5	5.122	204	210	217	rBV3	7138	11542	0.60%	0.066%
6	5.175	217	219	226	rVB4	1141	2111	0.11%	0.012%
7	5.245	226	231	237	rBV3	2204	4235	0.22%	0.024%
8	5.844	331	333	342	rVB5	845	2007	0.10%	0.011%
9	6.079	368	373	381	rVB4	2730	4916	0.25%	0.028%
10	6.197	386	393	395	rVB5	1066	2102	0.11%	0.012%
11	6.244	395	401	407	rBV5	1311	3247	0.17%	0.018%
12	6.438	431	434	438	rVB3	2654	3274	0.17%	0.019%
13	6.602	459	462	468	rVB3	2587	3932	0.20%	0.022%
14	6.737	477	485	491	rBV5	1656	2682	0.14%	0.015%
15	7.472	604	610	614	rBV4	1829	3788	0.20%	0.022%
16	7.595	622	631	635	rBV4	1730	3566	0.18%	0.020%
17	7.654	635	641	648	rVV	54306	107493	5.56%	0.611%
18	7.713	648	651	657	rVB3	5136	7655	0.40%	0.044%
19	7.830	661	671	680	rBV	200512	348911	18.03%	1.985%
20	7.913	684	685	696	rVB5	1788	4332	0.22%	0.025%
21	8.054	700	709	720	rBV	186062	339587	17.55%	1.932%
22	8.524	778	789	800	rBV	153258	292418	15.11%	1.663%
23	9.094	881	886	888	rBV3	2214	2174	0.11%	0.012%
24	9.193	895	903	915	rBV	155722	285524	14.76%	1.624%
25	9.340	924	928	936	rVB4	2033	3722	0.19%	0.021%
26	9.611	964	974	978	rBV	11614	21304	1.10%	0.121%
27	9.681	978	986	1003	rVB	231010	451557	23.34%	2.569%
28	9.816	1003	1009	1014	rBV2	1656	2286	0.12%	0.013%
29	10.404	1101	1109	1122	rBV	195363	371593	19.21%	2.114%
30	10.944	1192	1201	1215	rVB	272187	521307	26.94%	2.966%
31	11.220	1238	1248	1256	rBV2	11000	23457	1.21%	0.133%
32	11.338	1260	1268	1281	rBV	242870	462371	23.90%	2.630%
33	12.055	1385	1390	1397	rBV5	2629	6337	0.33%	0.036%
34	12.566	1472	1477	1485	rVV4	15376	25827	1.33%	0.147%

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Misc :
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Instrument : BNA_G
ClientSampleId : F5E16

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

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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Title : SVOA CALIBRATION

35	12.883	1522	1531	1536	rVB5	5033	9252	0.48%	0.053%
36	13.306	1597	1603	1612	rVB3	1264	3286	0.17%	0.019%
37	13.459	1625	1629	1636	rBV2	3142	5083	0.26%	0.029%
38	13.694	1664	1669	1681	rBV6	3887	8677	0.45%	0.049%
39	14.017	1716	1724	1731	rVB	21512	35953	1.86%	0.205%
40	14.493	1797	1805	1819	rVB	647183	994902	51.42%	5.660%
41	14.804	1849	1858	1867	rBV	575463	956168	49.42%	5.439%
42	14.951	1877	1883	1887	rVB4	1337	2119	0.11%	0.012%
43	15.104	1894	1909	1916	rBV2	412017	731013	37.78%	4.159%
44	15.163	1916	1919	1927	rVB	16633	24009	1.24%	0.137%
45	15.269	1930	1937	1958	rVB	52113	107869	5.58%	0.614%
46	15.756	2013	2020	2031	rBV	11844	19337	1.00%	0.110%
47	15.862	2031	2038	2047	rVV4	1992	4655	0.24%	0.026%
48	16.091	2068	2077	2086	rBV	958734	1512958	78.20%	8.607%
49	16.197	2086	2095	2108	rVB	322793	520767	26.92%	2.962%
50	16.332	2111	2118	2124	rVB5	9674	15300	0.79%	0.087%
51	16.444	2131	2137	2142	rVB2	3907	6782	0.35%	0.039%
52	16.620	2165	2167	2173	rBV3	1338	2583	0.13%	0.015%
53	17.043	2231	2239	2242	rBV5	1356	2481	0.13%	0.014%
54	17.419	2297	2303	2308	rBV5	2104	3283	0.17%	0.019%
55	17.642	2335	2341	2344	rBV4	2373	4550	0.24%	0.026%
56	17.772	2361	2363	2368	rVB3	1965	3123	0.16%	0.018%
57	17.854	2370	2377	2386	rBV2	581041	918336	47.47%	5.224%
58	17.954	2386	2394	2405	rVB	1093722	1708395	88.30%	9.719%
59	18.095	2415	2418	2423	rBV3	1464	2470	0.13%	0.014%
60	18.494	2480	2486	2493	rBV2	97101	125589	6.49%	0.714%
61	18.706	2517	2522	2527	rBV6	2279	5152	0.27%	0.029%
62	18.788	2528	2536	2538	rVV5	1645	2789	0.14%	0.016%
63	18.964	2562	2566	2570	rBV6	2189	2941	0.15%	0.017%
64	19.628	2674	2679	2683	rBV5	1472	2606	0.13%	0.015%
65	19.857	2710	2718	2724	rBV3	10835	17960	0.93%	0.102%
66	19.951	2729	2734	2736	rBV6	2354	3672	0.19%	0.021%
67	20.116	2756	2762	2769	rVB2	8827	14377	0.74%	0.082%
68	20.228	2773	2781	2792	rBV	1274625	1934713	100.00%	11.006%
69	20.433	2813	2816	2819	rBV5	2282	3433	0.18%	0.020%
70	20.521	2828	2831	2833	rBV4	2032	2097	0.11%	0.012%
71	20.562	2836	2838	2843	rBV6	1880	2451	0.13%	0.014%

LSC Area Percent Report

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Sample : I3600-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5E16

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
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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Title : SVOA CALIBRATION

72	20.698	2859	2861	2864	rBV4	2769	3372	0.17%	0.019%
73	20.868	2889	2890	2892	rBV2	2502	2064	0.11%	0.012%
74	21.056	2920	2922	2924	rVB3	3416	2630	0.14%	0.015%
75	21.085	2924	2927	2928	rVB3	2861	2529	0.13%	0.014%
76	22.231	3114	3122	3131	rBV	565753	1044538	53.99%	5.942%
77	23.077	3261	3266	3272	rBV9	8760	14752	0.76%	0.084%
78	23.853	3393	3398	3411	rVB5	18687	38693	2.00%	0.220%
79	24.781	3548	3556	3565	rBV3	25605	59615	3.08%	0.339%
80	24.899	3573	3576	3582	rVB8	4158	7741	0.40%	0.044%
81	25.633	3688	3701	3715	rVB2	562164	1812315	93.67%	10.310%
82	25.880	3731	3743	3761	rVB2	318073	1130745	58.45%	6.432%
83	27.055	3941	3943	3948	rVB5	4310	6866	0.35%	0.039%
84	27.161	3951	3961	3975	rVB4	36934	120363	6.22%	0.685%
85	28.723	4216	4227	4244	rVB4	35281	144667	7.48%	0.823%
86	30.598	4536	4546	4562	rVB7	23961	108117	5.59%	0.615%

Sum of corrected areas: 17578664

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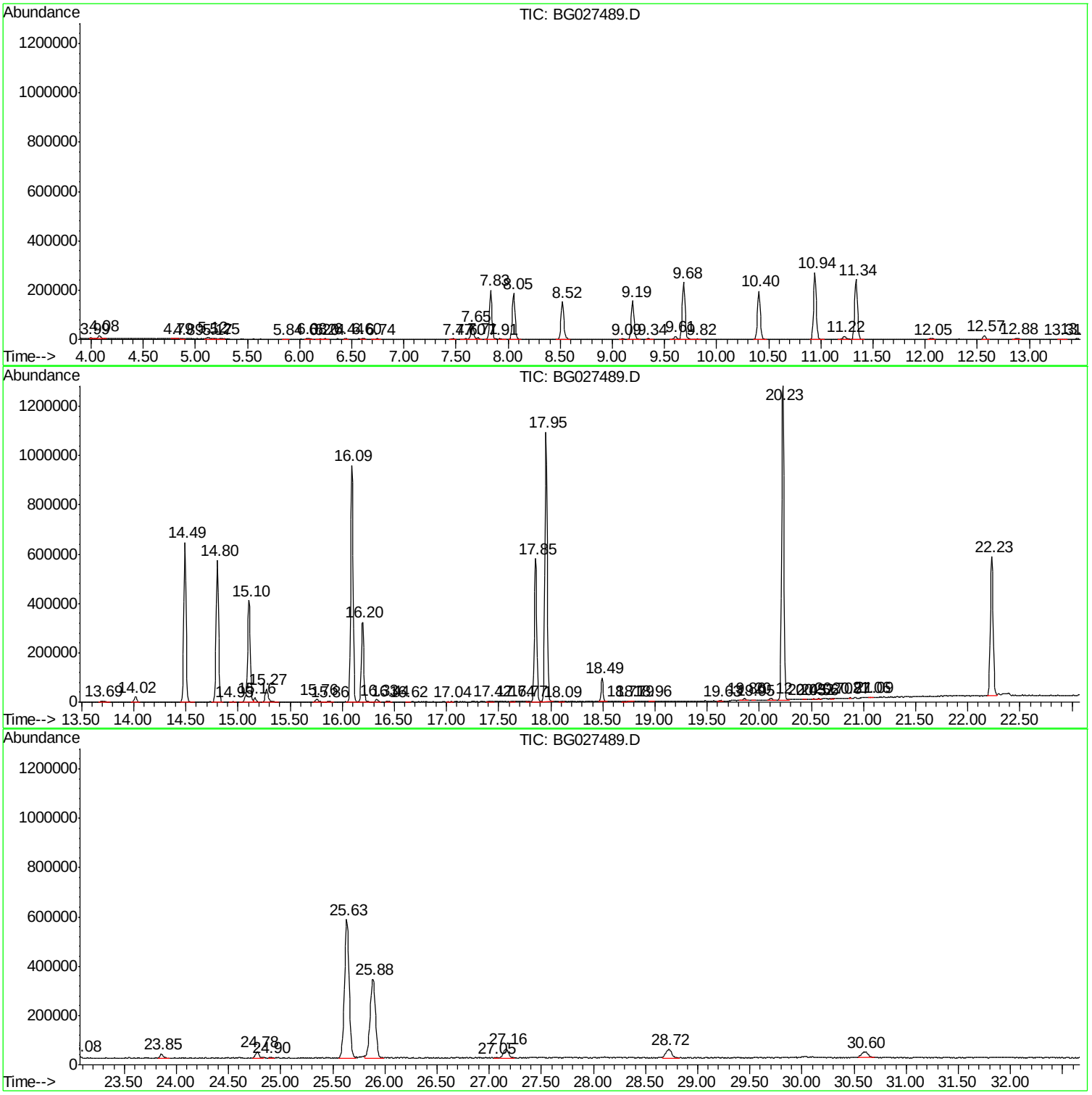
Instrument : BNA_G
ClientSampleId : F5E16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

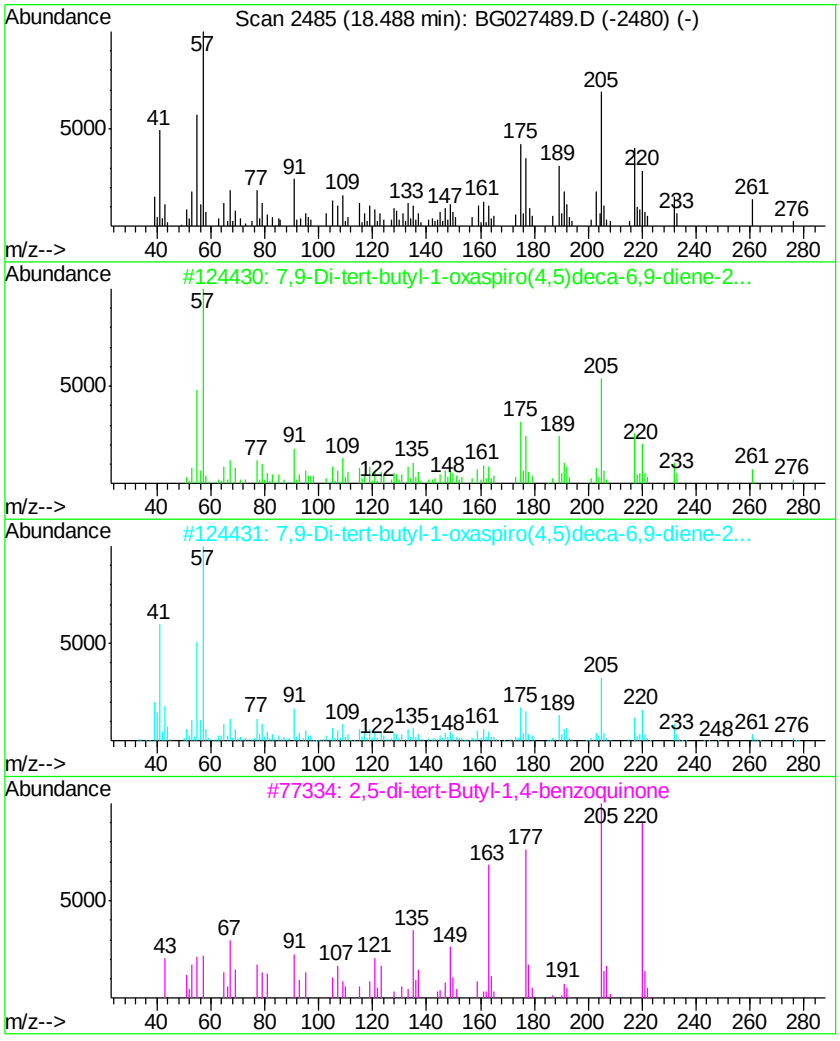
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

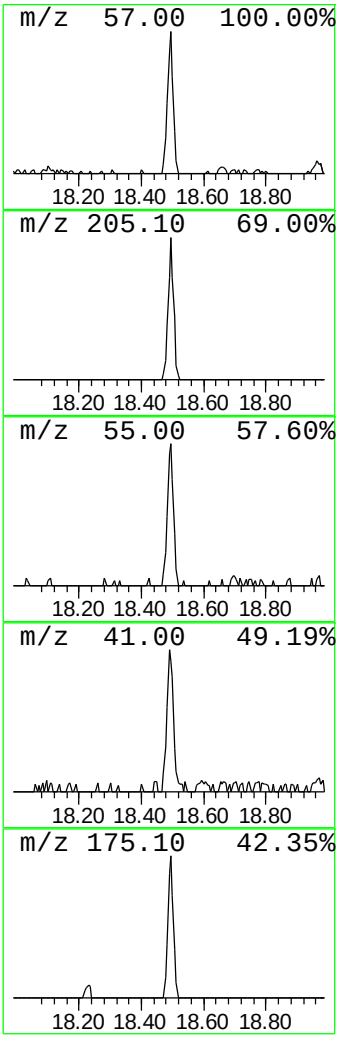
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.74 ng/ul	125589	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
3	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42
5	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	35





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

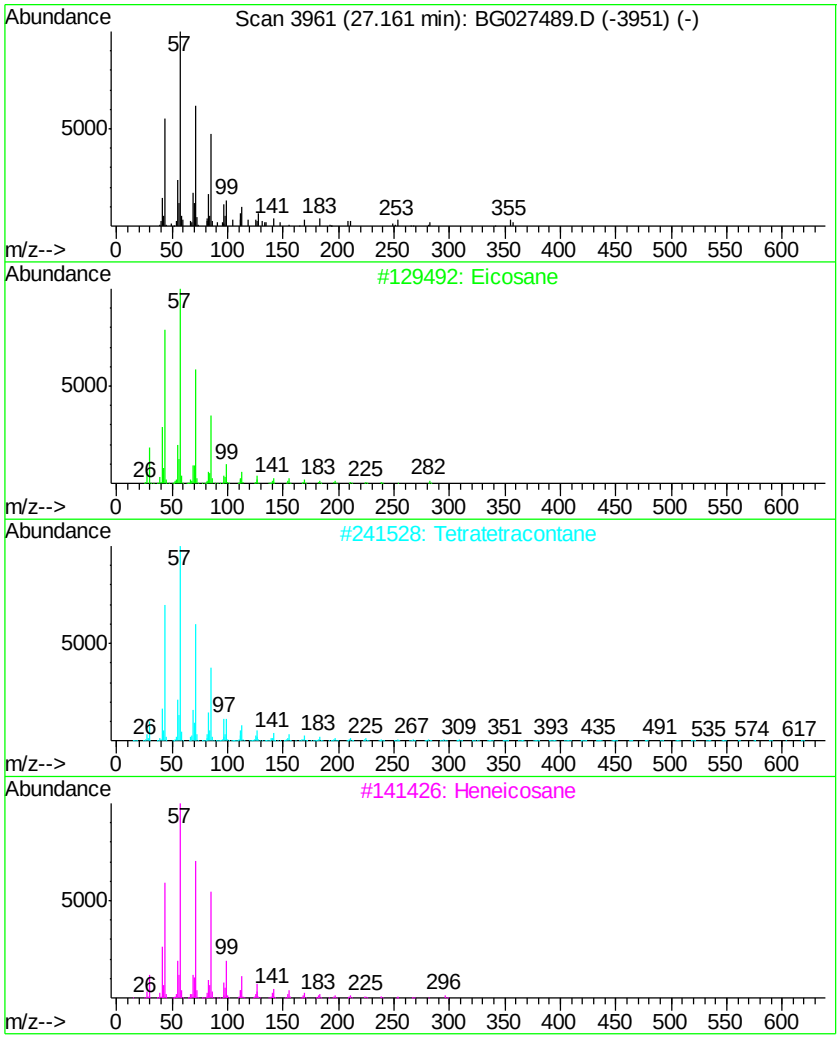
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

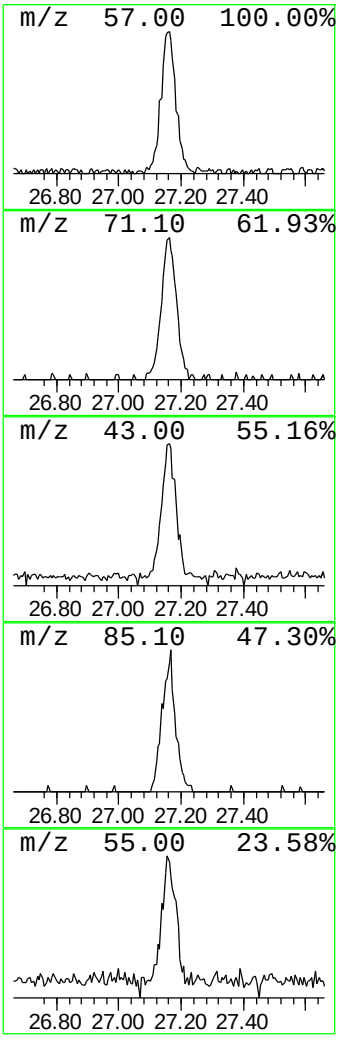
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.13 ng/ul	120363	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane	394	C28H58	000630-02-4	87





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ClientSampleId : F5E16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

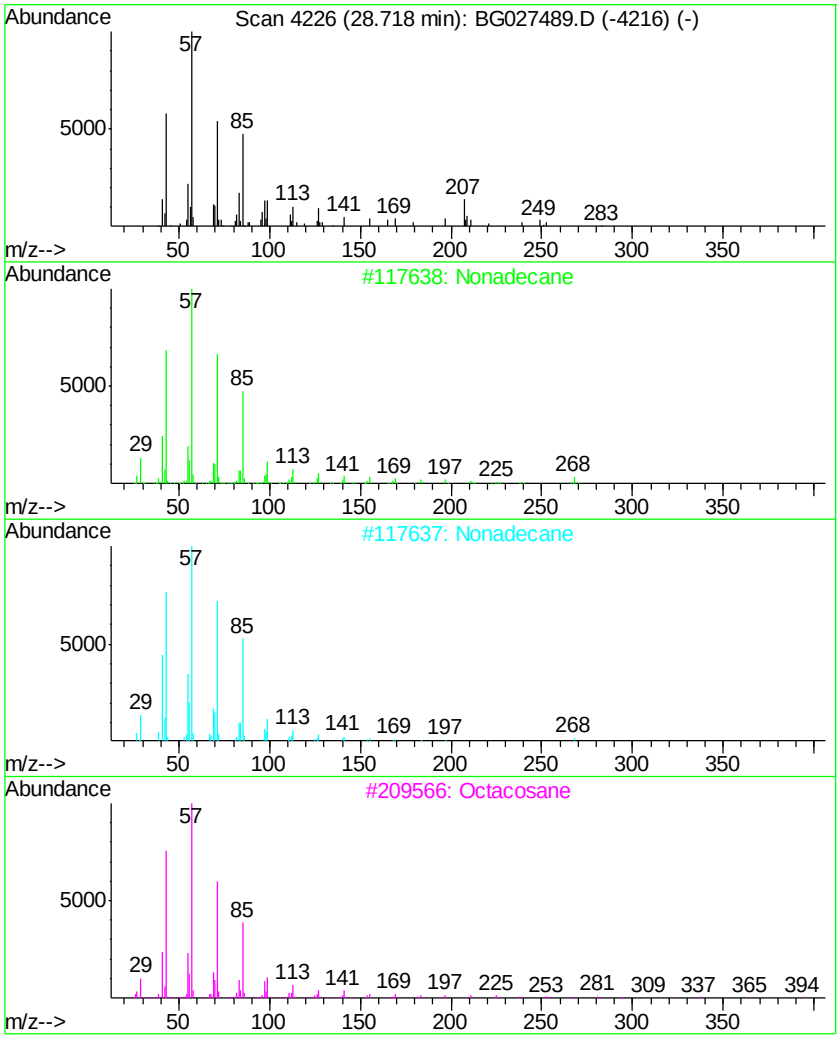
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

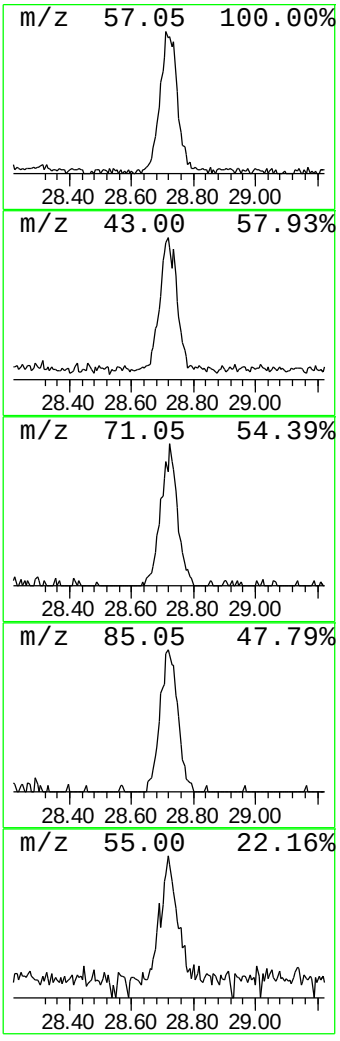
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.72	2.56 ng/ul	144667	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86





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
7,9-Di-tert-butyl...	18.49	2.7	ng/ul	125589	4	17.85	918336	20.0
(DEL) Alkane: Str...	27.16	2.1	ng/ul	120363	6	25.89	1130750	20.0
(DEL) Alkane: Str...	28.72	2.6	ng/ul	144667	6	25.89	1130750	20.0