

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
 Data File : BG028408.D
 Acq On : 22 Aug 2017 3:57
 Operator : SJ/JU
 Sample : I4827-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AE8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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	3.834	39	42	48	rVB6	7634	14615	1.19%	0.099%
2	3.910	52	55	56	rBV2	3489	4212	0.34%	0.028%
3	4.133	84	93	95	rBV7	2438	5674	0.46%	0.038%
4	4.562	164	166	171	rVB5	2605	4014	0.33%	0.027%
5	4.762	197	200	205	rVB5	4652	5518	0.45%	0.037%
6	4.815	205	209	213	rVB4	2323	3388	0.27%	0.023%
7	4.880	215	220	224	rVB7	2081	3849	0.31%	0.026%
8	5.309	288	293	299	rBV8	5695	10624	0.86%	0.072%
9	5.461	314	319	325	rVB3	15126	24914	2.02%	0.168%
10	5.561	333	336	339	rVB3	3023	3517	0.29%	0.024%
11	6.401	477	479	483	rBV3	3043	4189	0.34%	0.028%
12	6.666	522	524	530	rVB4	2348	4201	0.34%	0.028%
13	7.324	630	636	638	rBV4	2755	3964	0.32%	0.027%
14	7.500	657	666	681	rBV	165819	342489	27.78%	2.311%
15	7.659	686	693	704	rVB	121014	207519	16.84%	1.400%
16	7.876	722	730	741	rBV	162951	294174	23.87%	1.985%
17	8.041	755	758	763	rVB5	2442	3191	0.26%	0.022%
18	8.346	802	810	823	rVV	158306	290230	23.55%	1.958%
19	8.716	870	873	880	rVB7	2833	4220	0.34%	0.028%
20	9.039	920	928	940	rBV2	206808	385398	31.27%	2.600%
21	9.410	987	991	997	rBV3	2533	5010	0.41%	0.034%
22	9.509	997	1008	1019	rVV	169215	318533	25.84%	2.149%
23	9.868	1066	1069	1075	rVB4	2623	3082	0.25%	0.021%
24	10.232	1124	1131	1144	rBV2	141501	279888	22.71%	1.888%
25	10.555	1185	1186	1196	rVB4	1978	4219	0.34%	0.028%
26	10.779	1214	1224	1238	rBV	214953	413568	33.55%	2.790%
27	11.014	1261	1264	1269	rBV4	2629	3286	0.27%	0.022%
28	11.161	1281	1289	1297	rBV	247435	437157	35.46%	2.950%
29	11.296	1303	1312	1328	rBV	170216	345046	27.99%	2.328%
30	11.501	1343	1347	1351	rVB4	2042	3466	0.28%	0.023%
31	12.318	1481	1486	1489	rBV3	3235	5200	0.42%	0.035%
32	12.729	1551	1556	1559	rVB4	4676	6614	0.54%	0.045%
33	13.170	1628	1631	1637	rBV3	1738	3523	0.29%	0.024%
34	13.293	1648	1652	1660	rVB6	4716	9551	0.77%	0.064%

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35	13.546	1688	1695	1700	rVB5	3974	7734	0.63%	0.052%
36	13.669	1713	1716	1722	rVB3	2453	3692	0.30%	0.025%
37	13.746	1722	1729	1735	rBV4	2971	7562	0.61%	0.051%
38	13.804	1735	1739	1747	rVB4	2615	5311	0.43%	0.036%
39	14.339	1823	1830	1834	rBV	448509	659455	53.50%	4.449%
40	14.386	1834	1838	1845	rVB	165835	235627	19.12%	1.590%
41	14.645	1874	1882	1898	rVB	451613	750595	60.89%	5.064%
42	14.797	1904	1908	1915	rVB5	7572	13938	1.13%	0.094%
43	14.950	1926	1934	1943	rVB2	400921	671394	54.47%	4.530%
44	15.150	1960	1968	1980	rBV	131589	290404	23.56%	1.959%
45	15.303	1992	1994	2000	rVV5	3556	4553	0.37%	0.031%
46	15.356	2000	2003	2007	rVB5	4577	6979	0.57%	0.047%
47	15.408	2010	2012	2019	rVB6	3904	7368	0.60%	0.050%
48	15.479	2019	2024	2028	rBV6	3301	5827	0.47%	0.039%
49	15.708	2058	2063	2065	rBV3	2879	4005	0.32%	0.027%
50	15.749	2065	2070	2075	rVB3	19373	27698	2.25%	0.187%
51	15.814	2077	2081	2086	rVB6	2762	5103	0.41%	0.034%
52	15.861	2086	2089	2091	rBV3	2723	3417	0.28%	0.023%
53	15.937	2094	2102	2115	rVB	629939	991821	80.46%	6.692%
54	16.055	2115	2122	2132	rBV	206706	330897	26.84%	2.233%
55	16.172	2132	2142	2150	rVB	10005	28543	2.32%	0.193%
56	16.243	2150	2154	2160	rBV7	2066	4654	0.38%	0.031%
57	16.307	2161	2165	2169	rVB6	3481	3938	0.32%	0.027%
58	16.372	2174	2176	2182	rVB5	3442	5514	0.45%	0.037%
59	16.437	2182	2187	2191	rVB4	4978	7829	0.64%	0.053%
60	16.519	2196	2201	2205	rBV5	2758	4106	0.33%	0.028%
61	16.613	2212	2217	2225	rBV	22085	31822	2.58%	0.215%
62	16.807	2244	2250	2256	rBV8	3067	7119	0.58%	0.048%
63	16.895	2259	2265	2268	rVB7	3226	6303	0.51%	0.043%
64	16.954	2268	2275	2282	rBV7	4474	12157	0.99%	0.082%
65	17.071	2291	2295	2300	rVB5	5446	9839	0.80%	0.066%
66	17.118	2300	2303	2308	rBV4	6147	6948	0.56%	0.047%
67	17.159	2308	2310	2318	rVV7	2882	5523	0.45%	0.037%
68	17.312	2335	2336	2343	rBV4	1977	4344	0.35%	0.029%
69	17.406	2347	2352	2357	rBV2	12592	16281	1.32%	0.110%
70	17.459	2357	2361	2363	rVV4	2283	3433	0.28%	0.023%
71	17.477	2363	2364	2370	rVB5	4515	6288	0.51%	0.042%

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72	17.571	2374	2380	2388	rVB7	5946	17729	1.44%	0.120%
73	17.624	2388	2389	2393	rBV3	3565	4625	0.38%	0.031%
74	17.700	2393	2402	2411	rVV2	541840	865059	70.18%	5.837%
75	17.800	2411	2419	2428	rVV	689438	1074588	87.18%	7.250%
76	17.882	2430	2433	2439	rVB6	4358	6554	0.53%	0.044%
77	17.941	2439	2443	2449	rVB6	3174	6254	0.51%	0.042%
78	18.146	2474	2478	2481	rVV4	3046	4369	0.35%	0.029%
79	18.287	2500	2502	2505	rBV3	3074	4358	0.35%	0.029%
80	18.323	2505	2508	2510	rVB4	5172	4147	0.34%	0.028%
81	18.370	2515	2516	2521	rBV2	2220	3673	0.30%	0.025%
82	18.440	2521	2528	2531	rBV6	4106	6314	0.51%	0.043%
83	18.546	2538	2546	2557	rBV2	123786	219923	17.84%	1.484%
84	18.928	2606	2611	2613	rBV6	4197	6036	0.49%	0.041%
85	19.081	2634	2637	2640	rVB5	6157	5913	0.48%	0.040%
86	19.104	2640	2641	2644	rBV3	3468	3304	0.27%	0.022%
87	19.333	2676	2680	2682	rBV5	4643	5632	0.46%	0.038%
88	19.404	2688	2692	2693	rBV4	3723	4415	0.36%	0.030%
89	19.510	2709	2710	2713	rBV3	3817	3292	0.27%	0.022%
90	19.703	2739	2743	2751	rBV5	13226	31084	2.52%	0.210%
91	19.803	2756	2760	2771	rBV4	47420	85421	6.93%	0.576%
92	20.074	2799	2806	2814	rBV	838523	1232652	100.00%	8.317%
93	20.285	2837	2842	2849	rVB2	19408	36361	2.95%	0.245%
94	21.595	3062	3065	3074	rBV6	31412	64893	5.26%	0.438%
95	21.860	3108	3110	3117	rVB4	16104	22202	1.80%	0.150%
96	22.030	3132	3139	3155	rVB	560496	1006086	81.62%	6.788%
97	24.762	3599	3604	3613	rVB5	33383	74882	6.07%	0.505%
98	25.291	3682	3694	3706	rVB2	397745	1200143	97.36%	8.097%
99	25.532	3720	3735	3749	rVB2	315689	1031555	83.69%	6.960%
100	26.977	3976	3981	3996	rVB7	39026	133667	10.84%	0.902%

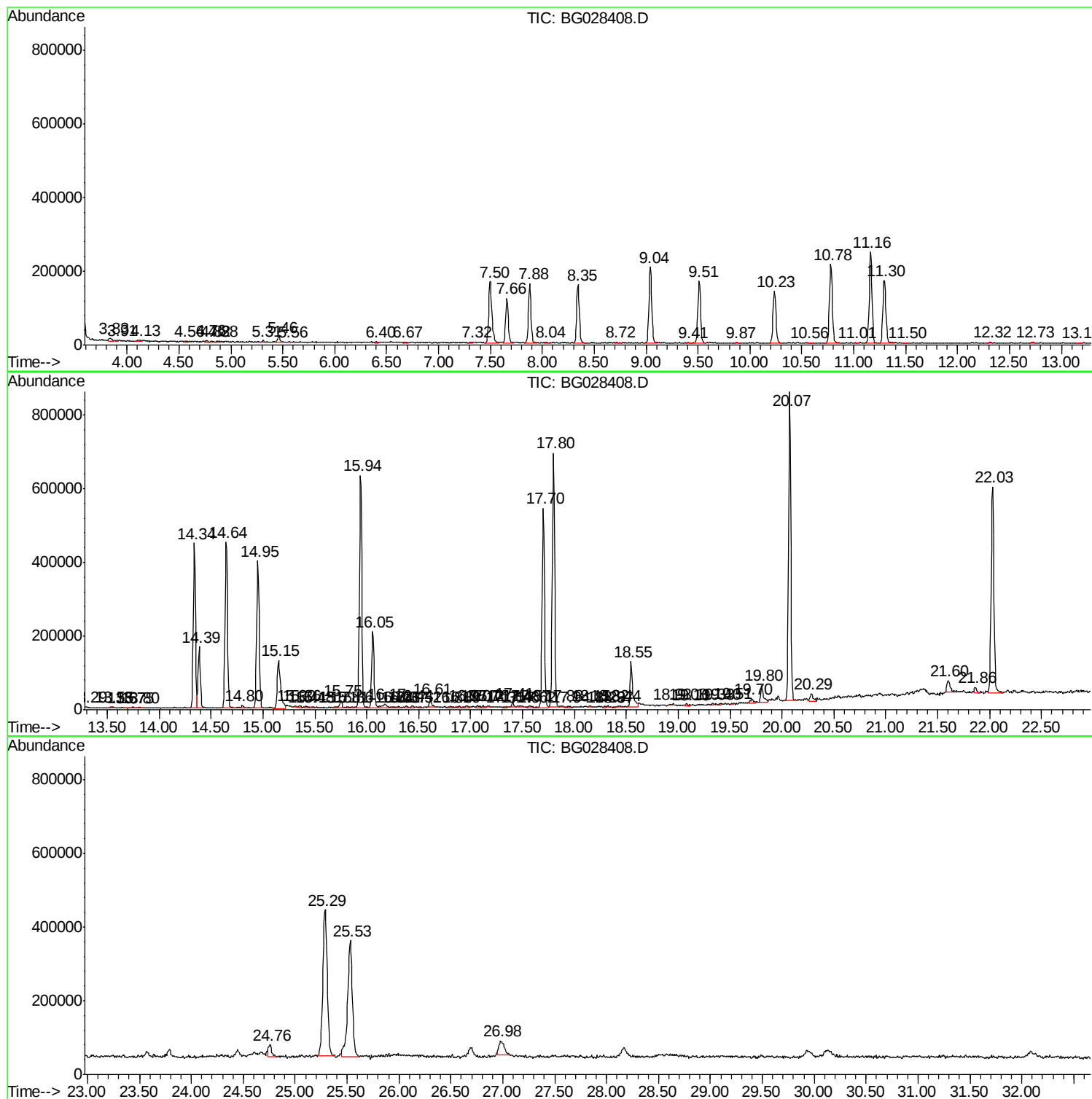
Sum of corrected areas: 14821195

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



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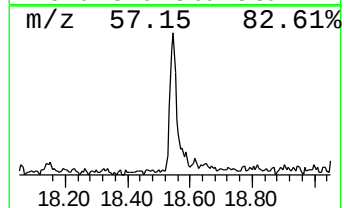
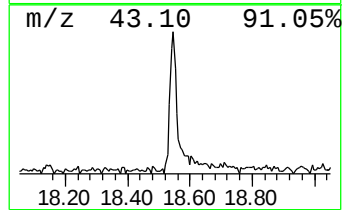
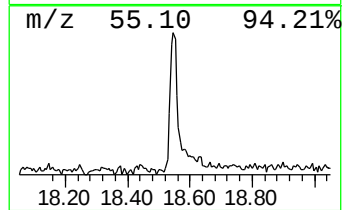
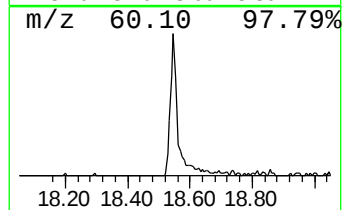
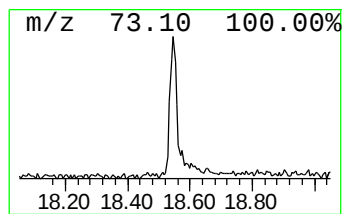
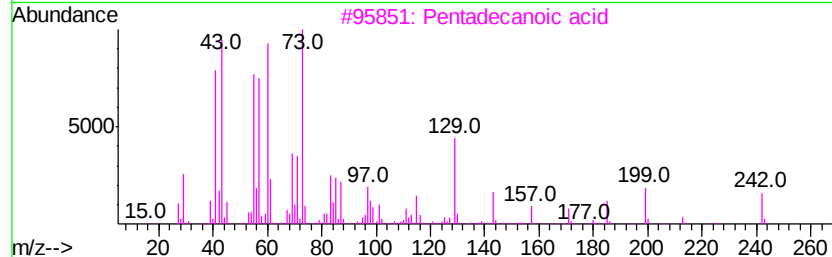
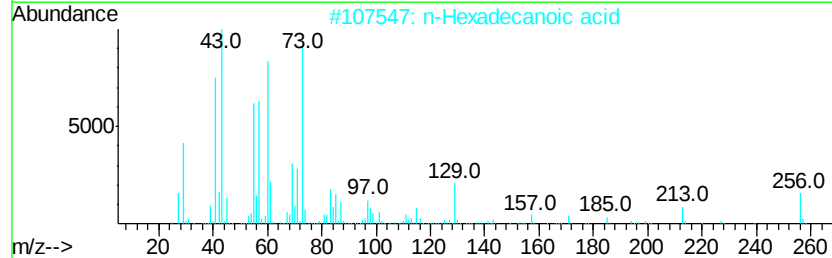
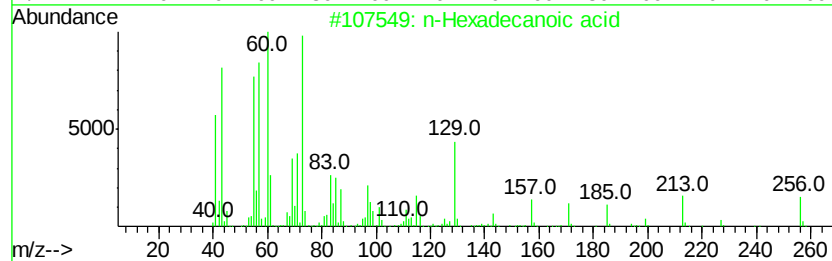
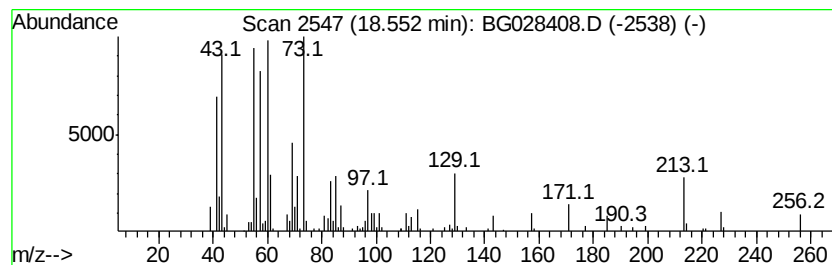
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	5.08 ng/ul	219923	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72	
5	Undecanoic acid	186	C11H22O2	000112-37-8	58	



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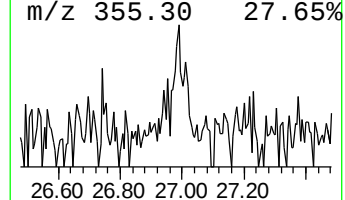
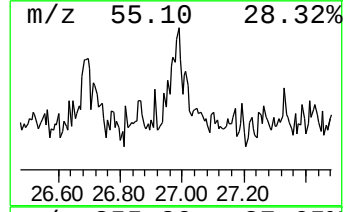
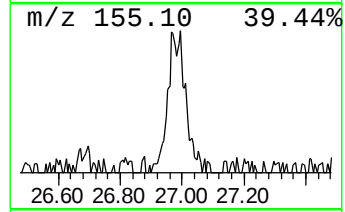
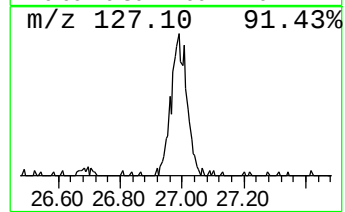
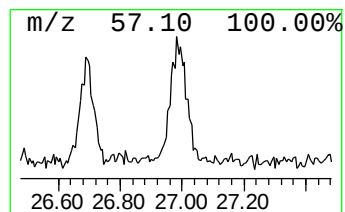
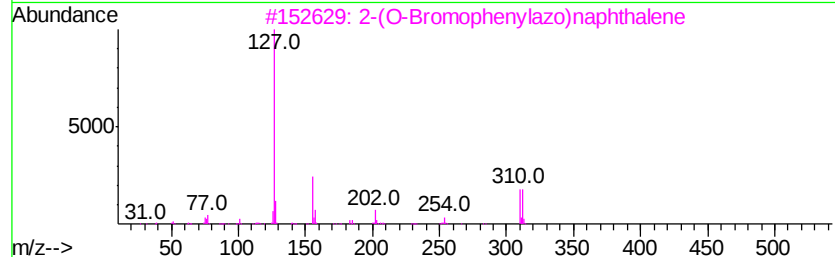
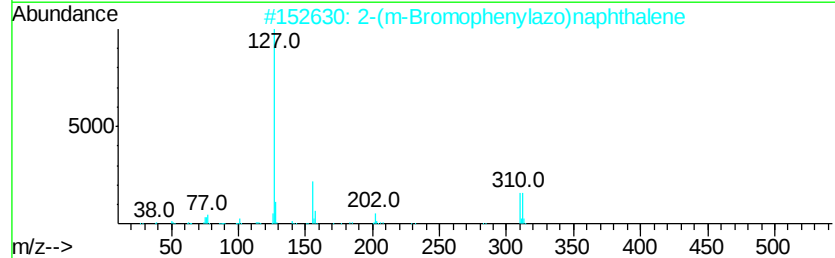
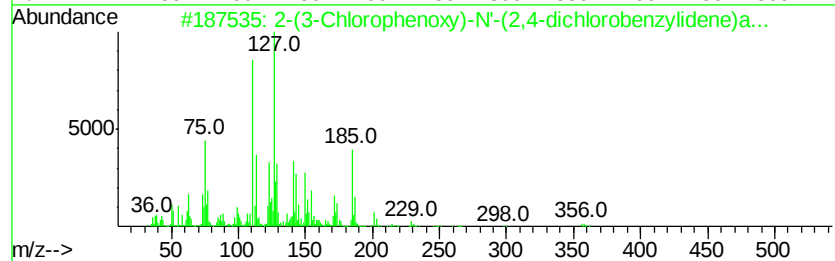
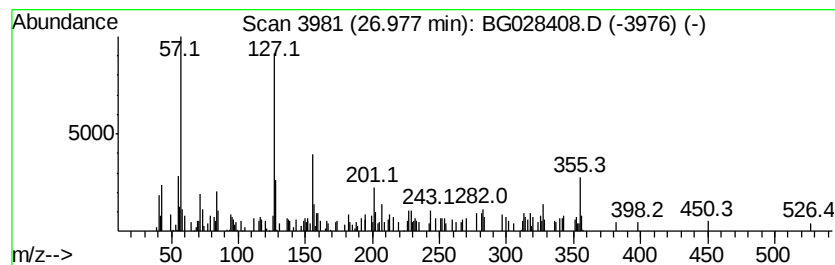
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Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.98	2.59 ng/ul	133667	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(3-Chlorophenoxy)-N'-(2,4-dich...	356	C15H11Cl3N2O2	1000225-26-7	42
2		2-(m-Bromophenylazo)naphthalene	310	C16H11BrN2	094934-85-7	38
3		2-(O-Bromophenylazo)naphthalene	310	C16H11BrN2	094934-84-6	38
4		Propanal, dipropylhydrazone	156	C9H20N2	034687-35-9	27
5		Octanoic acid, 1-methyltridecyl ...	340	C22H44O2	055193-79-8	27



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.55	5.1	ng/ul	219923	4	17.70	865059	20.0
unknown-01	26.98	2.6	ng/ul	133667	6	25.53	1031560	20.0