

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003042.D
 Acq On : 01 Nov 2015 23:49
 Operator : UM/IZ
 Sample : G4210-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC767

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.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	3.228	20	24	31	rVB	23402	28695	1.04%	0.086%
2	3.652	92	96	102	rVB	16061	19179	0.69%	0.058%
3	3.752	108	113	120	rVB	60214	76455	2.76%	0.229%
4	3.822	120	125	129	rVV	11192	13875	0.50%	0.042%
5	4.881	300	305	312	rBV3	8664	14695	0.53%	0.044%
6	4.969	316	320	327	rVB	8977	13250	0.48%	0.040%
7	6.922	646	652	662	rBV	360548	582980	21.06%	1.748%
8	7.098	675	682	690	rBV	337894	507993	18.35%	1.523%
9	7.293	709	715	723	rVB	393509	632538	22.85%	1.897%
10	7.763	789	795	803	rVB	515772	831168	30.03%	2.493%
11	8.463	908	914	923	rVV	305974	467986	16.91%	1.403%
12	8.922	985	992	999	rVB	348997	561159	20.28%	1.683%
13	9.022	1006	1009	1016	rVB	13095	17634	0.64%	0.053%
14	9.640	1105	1114	1121	rBV	269531	437920	15.82%	1.313%
15	10.175	1198	1205	1215	rVB	450163	735258	26.57%	2.205%
16	10.557	1263	1270	1276	rBV	719428	1186455	42.87%	3.558%
17	10.610	1276	1279	1285	rVB	9040	13061	0.47%	0.039%
18	10.692	1285	1293	1308	rBV	1630403	2767626	100.00%	8.300%
19	12.763	1639	1645	1650	rVB	9014	12164	0.44%	0.036%
20	13.016	1681	1688	1694	rBV	14417	20696	0.75%	0.062%
21	13.816	1818	1824	1828	rVV	813654	1123935	40.61%	3.371%
22	13.863	1828	1832	1841	rVV	628155	848265	30.65%	2.544%
23	14.098	1866	1872	1884	rVB	903584	1339526	48.40%	4.017%
24	14.310	1904	1908	1913	rBV	35790	44578	1.61%	0.134%
25	14.410	1917	1925	1932	rBV2	941615	1446858	52.28%	4.339%
26	14.474	1932	1936	1941	rVB	16704	24537	0.89%	0.074%
27	14.592	1950	1956	1963	rBV	277640	378516	13.68%	1.135%
28	14.751	1977	1983	1989	rBV3	13814	26547	0.96%	0.080%
29	14.816	1989	1994	2000	rVV4	27100	50221	1.81%	0.151%
30	14.927	2008	2013	2020	rVB4	10549	15721	0.57%	0.047%
31	15.210	2057	2061	2066	rVV2	10306	19742	0.71%	0.059%
32	15.263	2066	2070	2075	rVV	63655	78997	2.85%	0.237%
33	15.404	2087	2094	2099	rVV	1154628	1710397	61.80%	5.129%
34	15.457	2099	2103	2108	rVV	63985	86740	3.13%	0.260%

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35	15.516	2108	2113	2118	rVV	228372	312016	11.27%	0.936%
36	15.645	2127	2135	2137	rBV2	18331	31308	1.13%	0.094%
37	15.669	2137	2139	2143	rVV	19513	25272	0.91%	0.076%
38	15.757	2149	2154	2160	rVB2	11533	21013	0.76%	0.063%
39	15.816	2160	2164	2169	rBV2	8474	12121	0.44%	0.036%
40	15.892	2171	2177	2184	rVB4	11017	22885	0.83%	0.069%
41	16.092	2206	2211	2213	rBV	16279	22520	0.81%	0.068%
42	16.127	2213	2217	2225	rVB	68540	111124	4.02%	0.333%
43	16.298	2243	2246	2250	rVB2	13972	17668	0.64%	0.053%
44	16.551	2286	2289	2292	rVV4	10740	14160	0.51%	0.042%
45	16.627	2297	2302	2309	rVB6	7664	14733	0.53%	0.044%
46	16.698	2309	2314	2317	rBV3	22836	32581	1.18%	0.098%
47	16.804	2328	2332	2338	rVB	17020	24000	0.87%	0.072%
48	16.916	2341	2351	2357	rBV3	45850	76741	2.77%	0.230%
49	16.968	2357	2360	2365	rVB	25776	34355	1.24%	0.103%
50	17.151	2385	2391	2395	rBV	1121652	1609257	58.15%	4.826%
51	17.192	2395	2398	2403	rVB	330692	423121	15.29%	1.269%
52	17.251	2403	2408	2413	rBV	1233631	1704088	61.57%	5.110%
53	17.339	2420	2423	2428	rVB3	10269	14587	0.53%	0.044%
54	17.439	2435	2440	2447	rVV2	9603	18760	0.68%	0.056%
55	17.551	2452	2459	2464	rBV2	32917	52611	1.90%	0.158%
56	17.657	2473	2477	2480	rBV	16224	22205	0.80%	0.067%
57	17.927	2518	2523	2529	rBV5	21276	56183	2.03%	0.168%
58	18.045	2535	2543	2545	rBV2	103411	177921	6.43%	0.534%
59	18.074	2545	2548	2553	rVV	67864	98780	3.57%	0.296%
60	18.121	2553	2556	2559	rVV	18815	24588	0.89%	0.074%
61	18.157	2559	2562	2567	rVV	18821	27184	0.98%	0.082%
62	18.221	2567	2573	2577	rVV2	56399	108465	3.92%	0.325%
63	18.257	2577	2579	2584	rVB	27400	34696	1.25%	0.104%
64	18.351	2589	2595	2597	rBV4	10807	19992	0.72%	0.060%
65	18.527	2621	2625	2628	rBV	33477	43555	1.57%	0.131%
66	18.568	2628	2632	2638	rVB	26680	37777	1.36%	0.113%
67	18.774	2663	2667	2672	rVB	61203	72746	2.63%	0.218%
68	18.827	2672	2676	2679	rBV3	15009	18272	0.66%	0.055%
69	18.862	2679	2682	2686	rVB3	10499	14501	0.52%	0.043%
70	18.904	2686	2689	2692	rBV2	13516	17257	0.62%	0.052%
71	18.945	2692	2696	2701	rBV	28831	46948	1.70%	0.141%

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72	19.039	2710	2712	2715	rVB2	12095	12498	0.45%	0.037%
73	19.086	2716	2720	2729	rVB2	24782	42588	1.54%	0.128%
74	19.209	2733	2741	2748	rBV	633692	861342	31.12%	2.583%
75	19.274	2748	2752	2755	rVB2	24144	30663	1.11%	0.092%
76	19.327	2755	2761	2765	rBV2	68839	94842	3.43%	0.284%
77	19.456	2776	2783	2787	rBV3	25708	46289	1.67%	0.139%
78	19.545	2792	2798	2802	rBV	1436782	2235816	80.78%	6.705%
79	19.574	2802	2803	2811	rVV	511742	472599	17.08%	1.417%
80	19.645	2812	2815	2821	rVB2	28578	43556	1.57%	0.131%
81	19.751	2830	2833	2840	rVB	28073	35496	1.28%	0.106%
82	19.815	2840	2844	2849	rVB	23326	38163	1.38%	0.114%
83	19.898	2853	2858	2866	rBV2	37541	111274	4.02%	0.334%
84	20.033	2877	2881	2883	rBV3	26195	38139	1.38%	0.114%
85	20.068	2884	2887	2895	rVB	69412	101478	3.67%	0.304%
86	20.168	2901	2904	2908	rVB	32222	37675	1.36%	0.113%
87	20.227	2908	2914	2919	rBV2	54711	102812	3.71%	0.308%
88	20.368	2935	2938	2942	rBV2	26886	35053	1.27%	0.105%
89	20.815	3011	3014	3020	rVB	48681	66300	2.40%	0.199%
90	21.021	3046	3049	3051	rBV	46425	56371	2.04%	0.169%
91	21.051	3051	3054	3061	rVV4	99085	187149	6.76%	0.561%
92	21.109	3061	3064	3071	rVB2	50680	81217	2.93%	0.244%
93	21.256	3086	3089	3092	rVB	52095	55179	1.99%	0.165%
94	21.339	3096	3103	3107	rVV2	1579055	2438395	88.10%	7.313%
95	21.374	3107	3109	3119	rVB	285728	351510	12.70%	1.054%
96	21.492	3127	3129	3135	rBV2	33585	46031	1.66%	0.138%
97	22.921	3367	3372	3377	rBV	241094	519293	18.76%	1.557%
98	23.409	3451	3455	3458	rBV	119882	197227	7.13%	0.591%
99	23.462	3458	3464	3469	rVV	919720	1662778	60.08%	4.987%
100	23.603	3482	3488	3495	rBV	911388	1791763	64.74%	5.373%

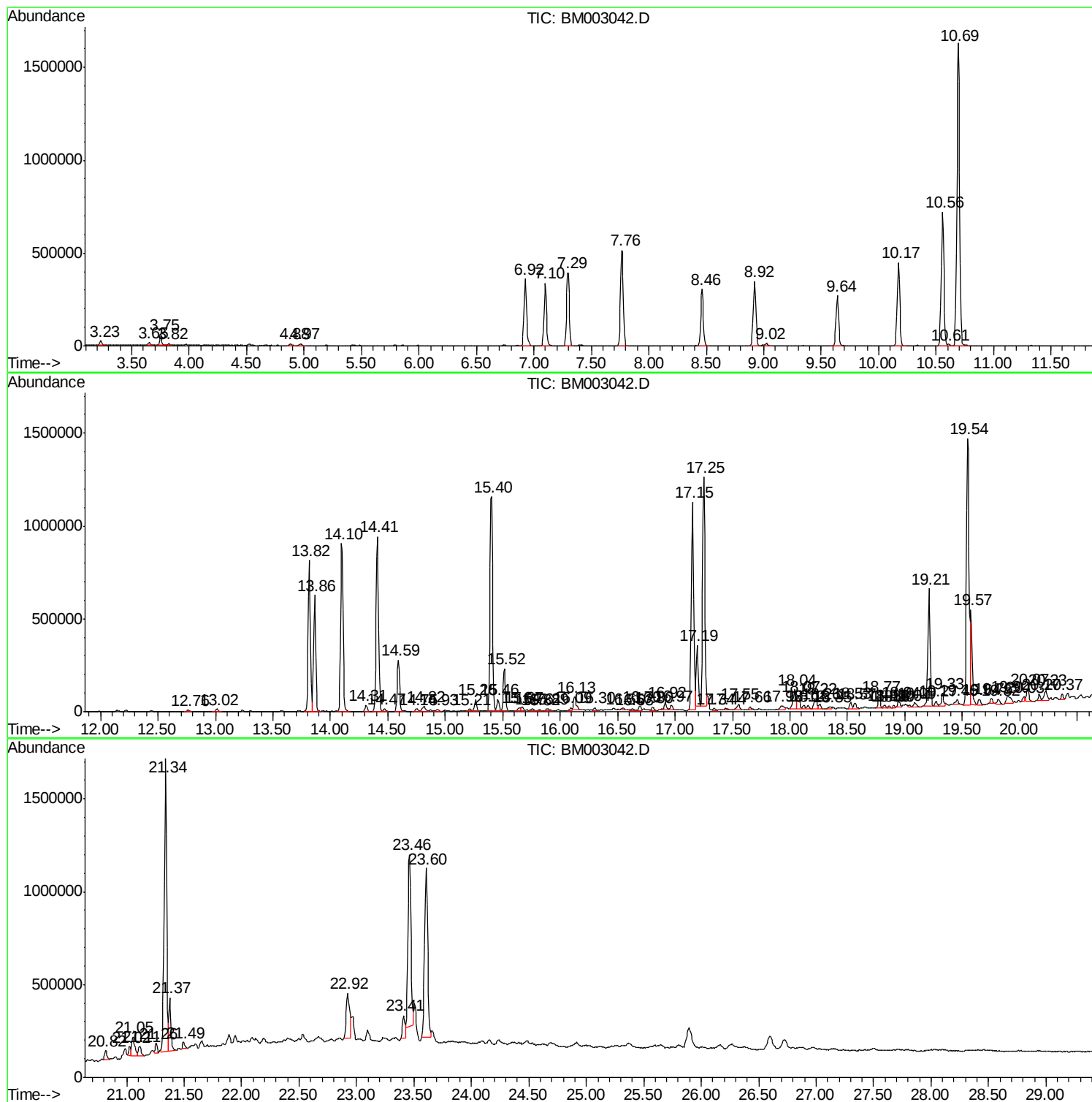
Sum of corrected areas: 33344854

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



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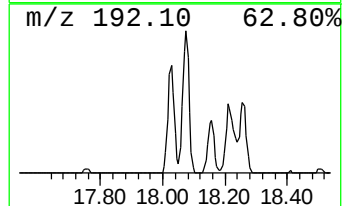
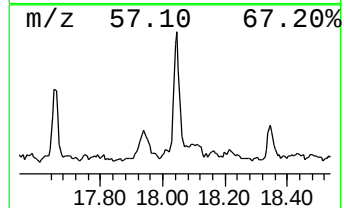
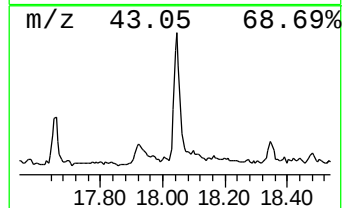
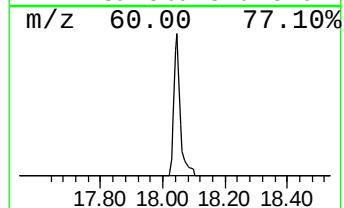
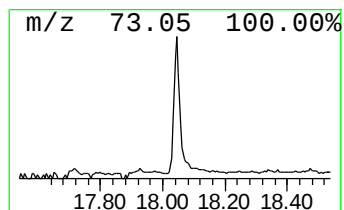
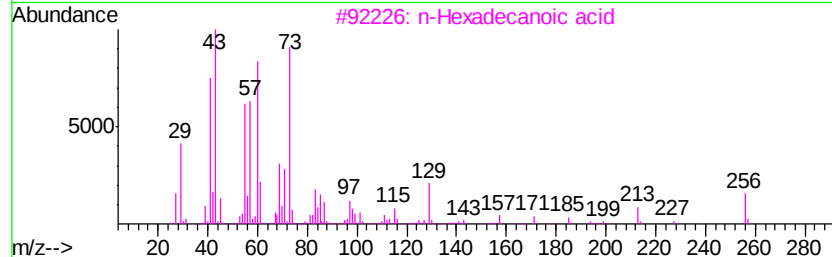
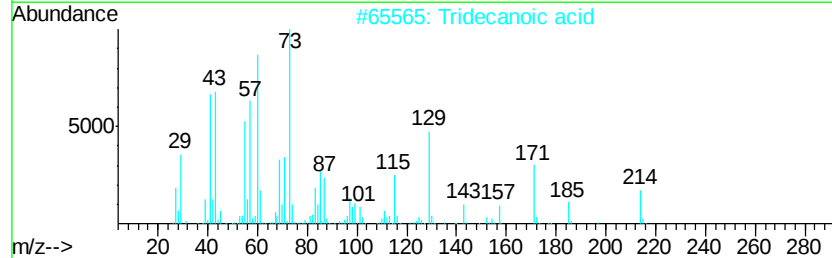
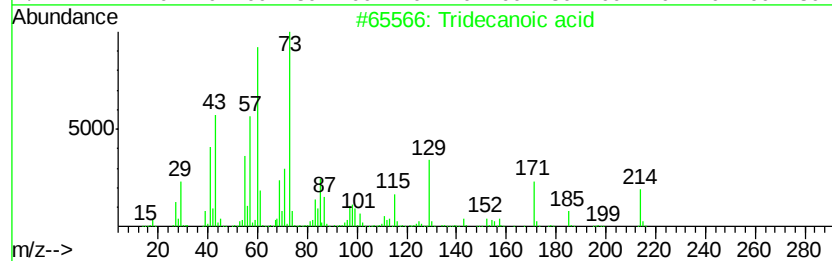
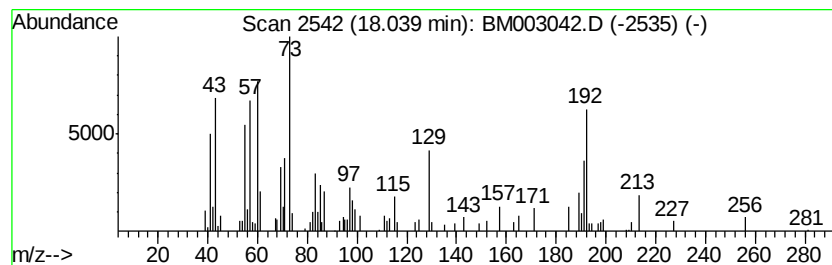
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.04	2.21 ng/ul	177921	Phenanthrene-d10		17.15	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	81
2		Tridecanoic acid	214	C13H26O2	000638-53-9	76
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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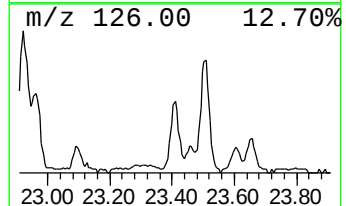
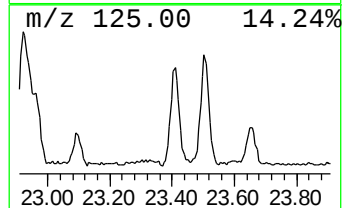
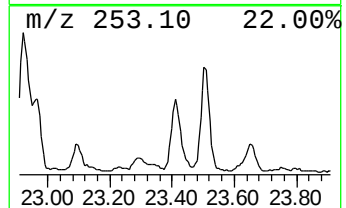
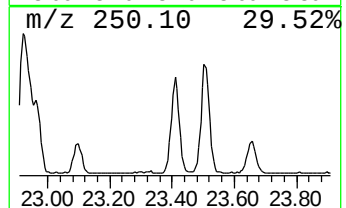
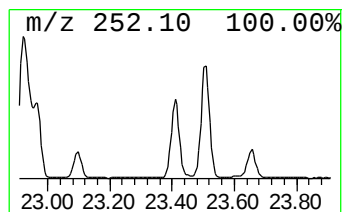
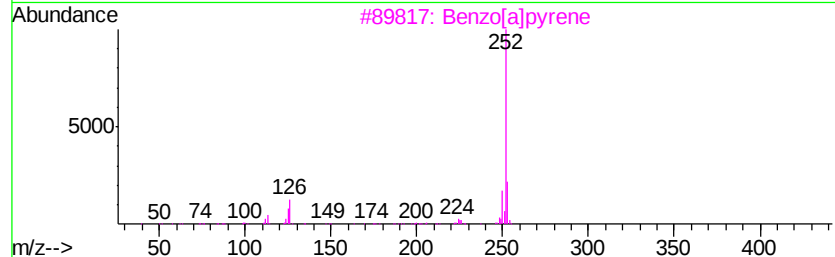
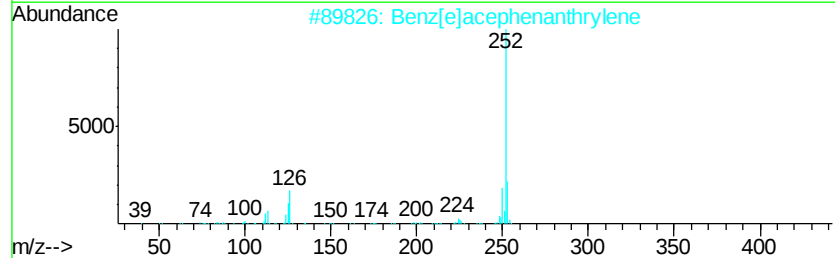
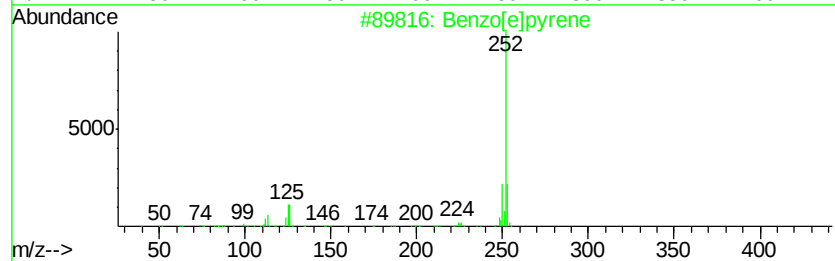
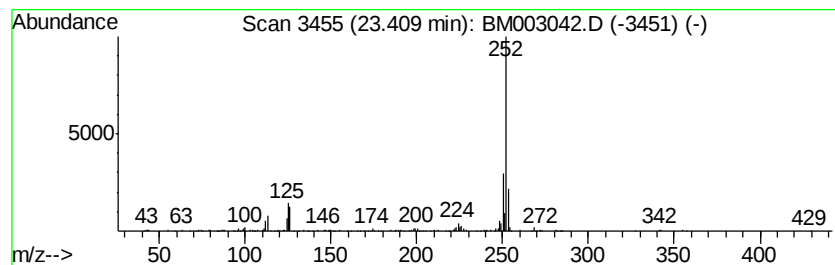
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Peak Number 2 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.41	2.20 ng/ul	197227	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[e]pyrene	252	C20H12	000192-97-2	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.04	2.2	ng/ul	177921	4	17.15	1609260	20.0
Benzo[e]pyrene	23.41	2.2	ng/ul	197227	6	23.60	1791760	20.0