

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029966.D
 Acq On : 12 May 2021 05:49
 Operator : CG/JU
 Sample : M2194-10
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YARR4

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.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	3.057	27	29	36	rVB	27140	37020	0.89%	0.093%
2	3.687	133	136	141	rVB	16881	22682	0.55%	0.057%
3	3.775	147	151	159	rVB2	12542	20612	0.50%	0.052%
4	3.881	164	169	173	rVB7	6512	11563	0.28%	0.029%
5	5.622	461	465	476	rVB7	9004	17748	0.43%	0.044%
6	5.957	518	522	525	rBV4	4028	5257	0.13%	0.013%
7	6.734	649	654	668	rBV	91996	208219	5.02%	0.521%
8	6.893	675	681	693	rBV	414434	734675	17.71%	1.838%
9	7.081	706	713	737	rVB	505303	873383	21.05%	2.185%
10	7.540	785	791	802	rBV	515828	869486	20.96%	2.176%
11	7.763	825	829	835	rVB7	3876	6055	0.15%	0.015%
12	8.263	907	914	934	rBV	332859	640771	15.45%	1.603%
13	8.698	981	988	1006	rBV	573819	1032879	24.90%	2.585%
14	9.116	1054	1059	1063	rVB	7636	11432	0.28%	0.029%
15	9.416	1101	1110	1126	rBV	478845	876204	21.12%	2.193%
16	9.739	1161	1165	1168	rBV4	3064	4971	0.12%	0.012%
17	9.951	1193	1201	1231	rBV	614199	1329086	32.04%	3.326%
18	10.316	1254	1263	1274	rBV	774896	1315769	31.72%	3.292%
19	10.486	1285	1292	1299	rBV3	23273	62980	1.52%	0.158%
20	11.028	1382	1384	1390	rVB6	2790	4194	0.10%	0.010%
21	11.433	1452	1453	1459	rVB6	4090	5728	0.14%	0.014%
22	11.598	1476	1481	1486	rBV6	4348	6945	0.17%	0.017%
23	11.933	1530	1538	1546	rVB3	8311	16477	0.40%	0.041%
24	12.539	1634	1641	1646	rBV7	7533	13762	0.33%	0.034%
25	12.798	1681	1685	1692	rVB2	11565	17674	0.43%	0.044%
26	13.022	1718	1723	1727	rBV4	6959	13172	0.32%	0.033%
27	13.098	1727	1736	1745	rVV	697818	1104554	26.62%	2.764%
28	13.163	1745	1747	1756	rVB5	7496	12668	0.31%	0.032%
29	13.510	1802	1806	1810	rBV7	2535	5096	0.12%	0.013%
30	13.610	1817	1823	1828	rBV	1643817	2282615	55.02%	5.712%
31	13.657	1828	1831	1840	rVV	177127	275610	6.64%	0.690%
32	13.727	1840	1843	1847	rVB5	5852	9100	0.22%	0.023%
33	13.880	1861	1869	1886	rBV	1820436	2710122	65.32%	6.782%
34	14.010	1889	1891	1895	rVB5	4862	5484	0.13%	0.014%

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35	14.104	1904	1907	1912	rVB3	7742	10558	0.25%	0.026%
36	14.192	1912	1922	1932	rBV	1207321	1773739	42.75%	4.438%
37	14.298	1937	1940	1943	rVB5	6196	7979	0.19%	0.020%
38	14.463	1963	1968	1970	rBV6	18725	34315	0.83%	0.086%
39	14.739	2010	2015	2020	rBV8	4636	10134	0.24%	0.025%
40	15.004	2054	2060	2063	rBV4	5706	11729	0.28%	0.029%
41	15.033	2063	2065	2067	rVV2	8209	8790	0.21%	0.022%
42	15.063	2067	2070	2073	rVV2	14184	16080	0.39%	0.040%
43	15.110	2074	2078	2080	rVV5	3699	5215	0.13%	0.013%
44	15.192	2085	2092	2105	rBV	2295011	3380347	81.48%	8.459%
45	15.327	2109	2115	2128	rVV	711746	1114214	26.86%	2.788%
46	15.433	2128	2133	2140	rVV2	28549	58431	1.41%	0.146%
47	15.504	2143	2145	2147	rBV2	4481	4806	0.12%	0.012%
48	15.563	2153	2155	2161	rVB7	6216	8964	0.22%	0.022%
49	15.627	2161	2166	2167	rBV5	4260	5669	0.14%	0.014%
50	15.757	2182	2188	2194	rBV2	31188	58414	1.41%	0.146%
51	15.927	2213	2217	2219	rBV5	13208	16928	0.41%	0.042%
52	15.974	2222	2225	2232	rVB6	15367	24167	0.58%	0.060%
53	16.092	2242	2245	2250	rBV6	9405	15490	0.37%	0.039%
54	16.174	2256	2259	2266	rVB2	12658	18478	0.45%	0.046%
55	16.574	2324	2327	2328	rBV3	6416	6831	0.16%	0.017%
56	16.621	2332	2335	2339	rVB6	10210	12449	0.30%	0.031%
57	16.668	2339	2343	2346	rBV5	8166	13421	0.32%	0.034%
58	16.715	2347	2351	2356	rBV5	14945	25458	0.61%	0.064%
59	16.815	2366	2368	2371	rVB4	5382	4191	0.10%	0.010%
60	16.939	2382	2389	2399	rBV	1393403	1947499	46.94%	4.873%
61	17.039	2399	2406	2425	rVV	2493793	3708220	89.38%	9.279%
62	17.345	2453	2458	2463	rBV7	16209	29873	0.72%	0.075%
63	17.615	2502	2504	2508	rBV5	5618	7394	0.18%	0.019%
64	17.845	2538	2543	2552	rBV	172296	293904	7.08%	0.735%
65	18.280	2613	2617	2622	rVB8	11555	15073	0.36%	0.038%
66	18.721	2687	2692	2697	rBV9	11446	19542	0.47%	0.049%
67	18.780	2699	2702	2714	rVB7	18298	45325	1.09%	0.113%
68	18.968	2731	2734	2738	rBV	29786	41134	0.99%	0.103%
69	19.033	2742	2745	2750	rVB	57900	69885	1.68%	0.175%
70	19.133	2758	2762	2769	rBV3	64092	105602	2.55%	0.264%
71	19.221	2774	2777	2781	rVB2	25618	33103	0.80%	0.083%

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72	19.333	2790	2796	2806	rBV	3031674	4148686	100.00%	10.381%
73	19.898	2890	2892	2896	rVB2	23331	20260	0.49%	0.051%
74	20.850	3050	3054	3064	rBV	301014	488912	11.78%	1.223%
75	21.127	3096	3101	3109	rBV	1416370	1902409	45.86%	4.760%
76	23.144	3437	3444	3457	rVB	2106988	3960607	95.47%	9.911%
77	23.280	3460	3467	3478	rVB2	995284	1915164	46.16%	4.792%

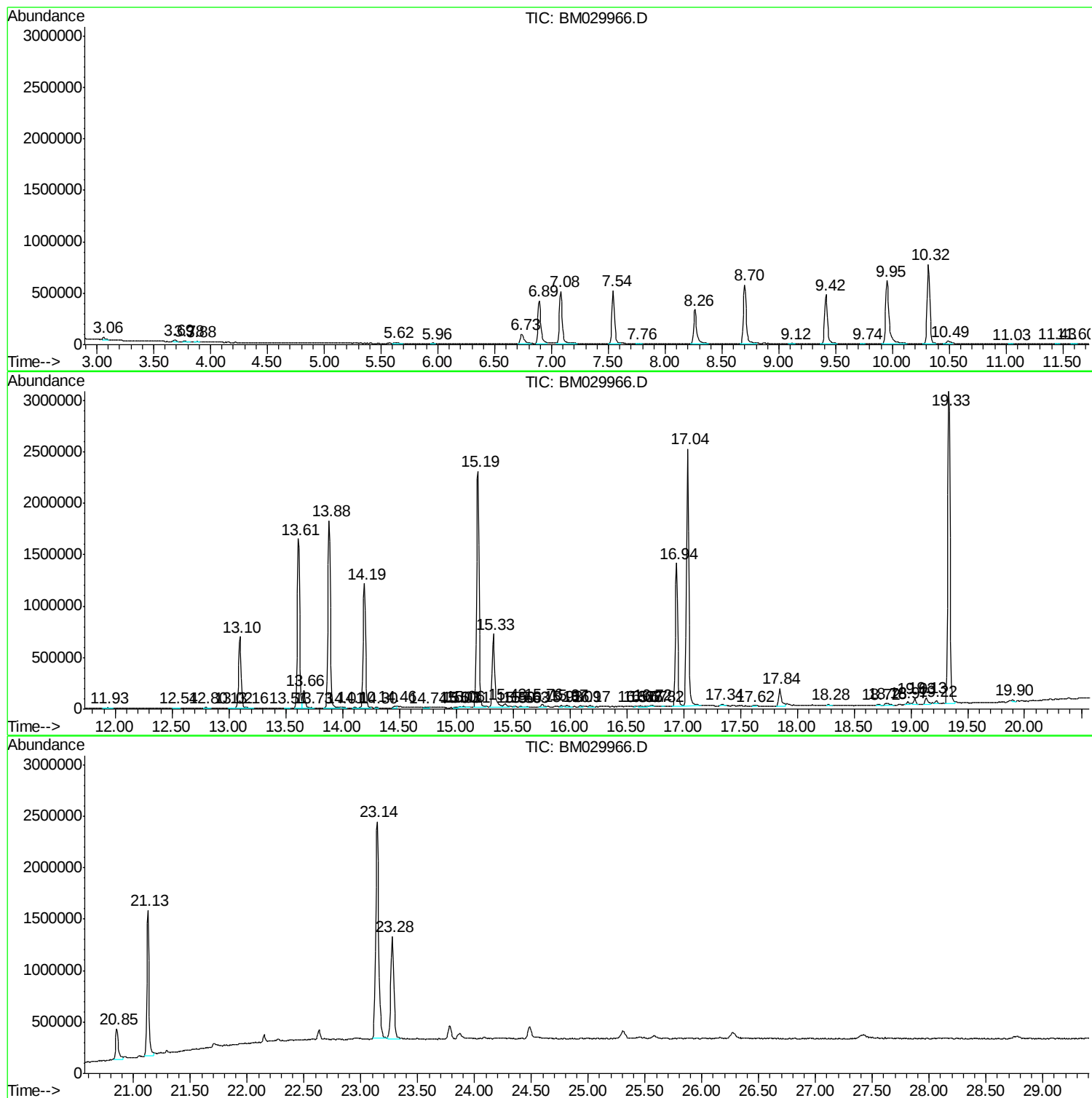
Sum of corrected areas: 39963382

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



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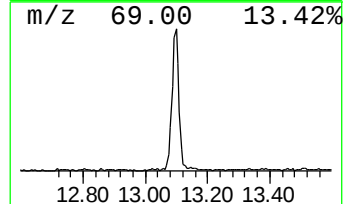
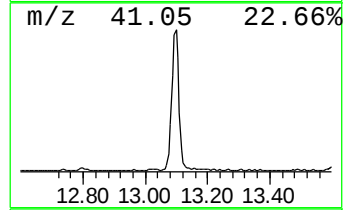
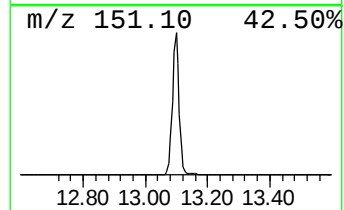
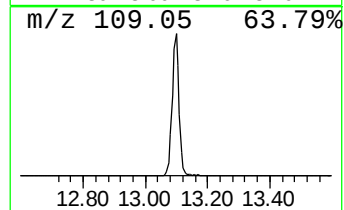
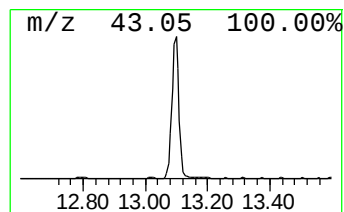
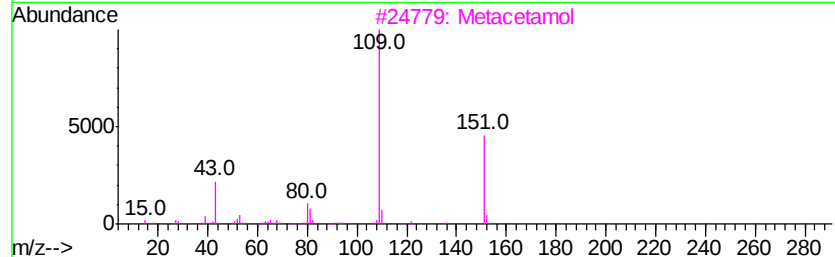
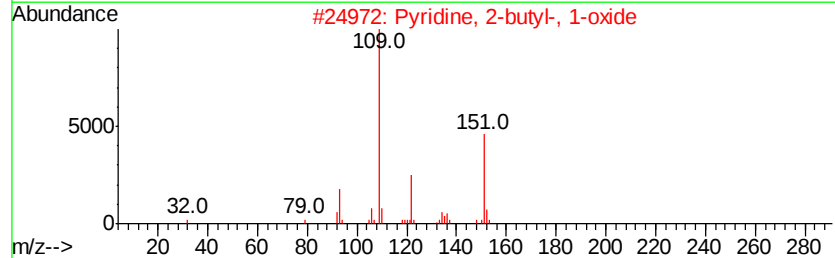
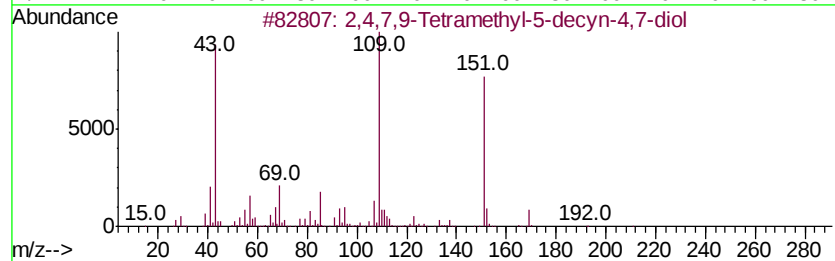
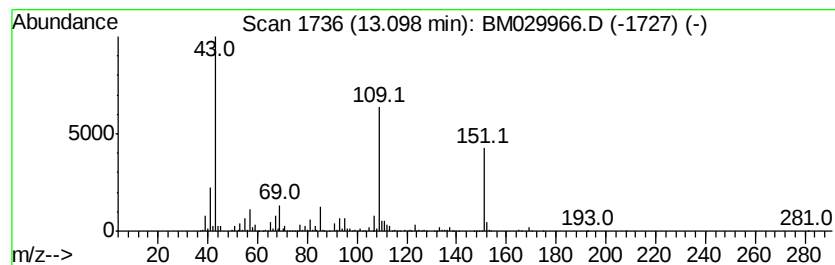
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.10	12.45 ng/ul	1104550	Acenaphthene-d10	14.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	Metacetamol	151	C8H9NO2	000621-42-1	58
4	m-Isopropoxyvaniline	151	C9H13NO	041406-00-2	53
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53



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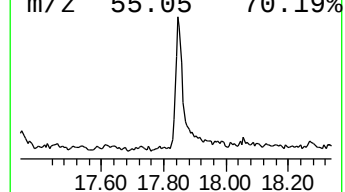
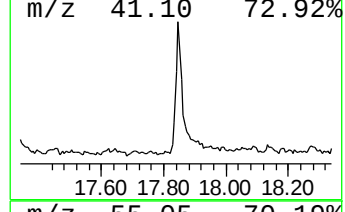
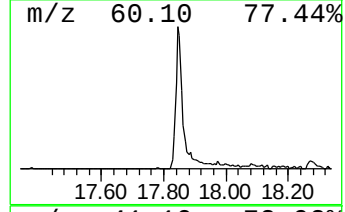
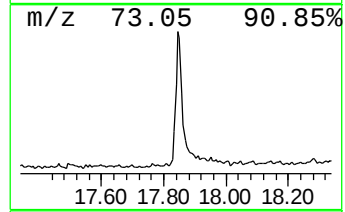
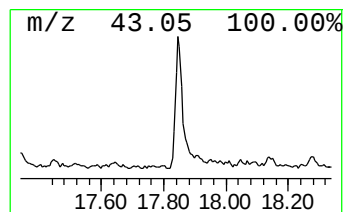
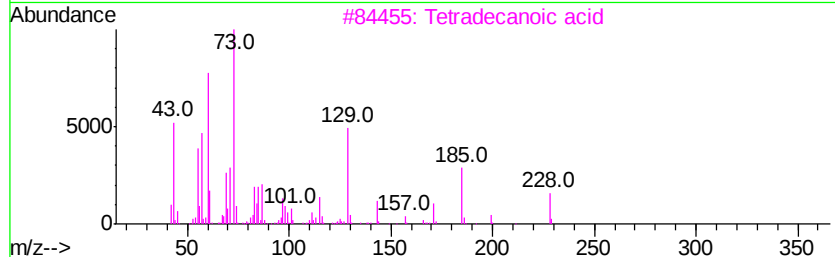
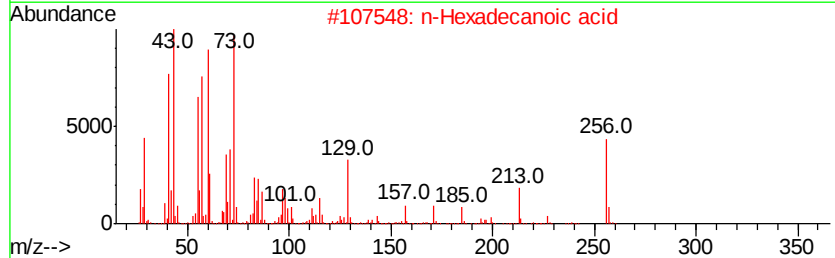
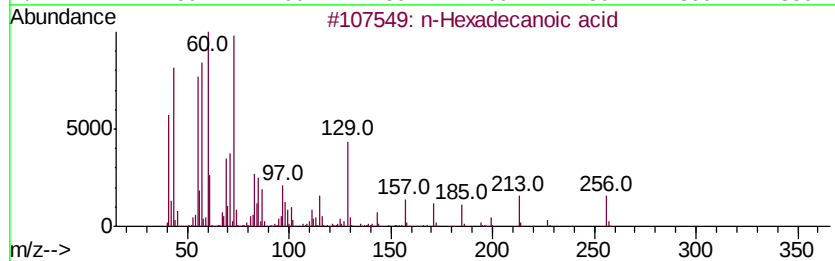
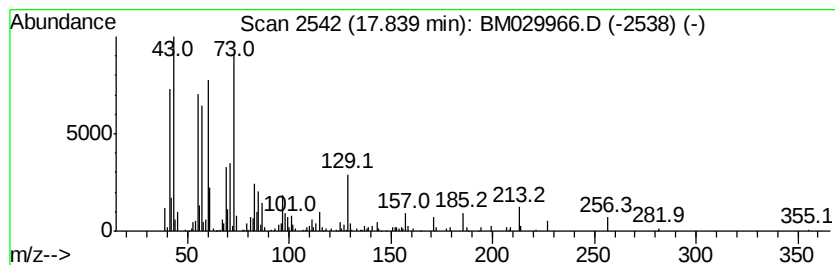
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	3.02 ng/ul	293904	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91



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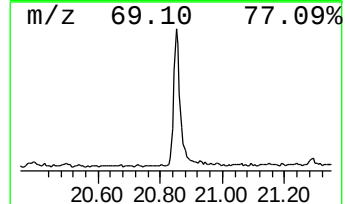
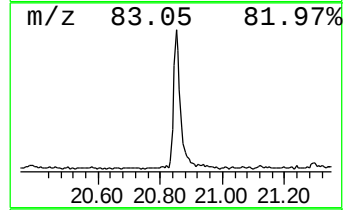
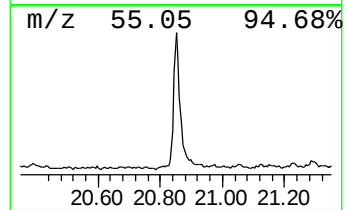
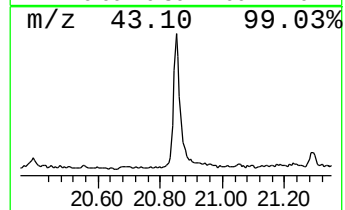
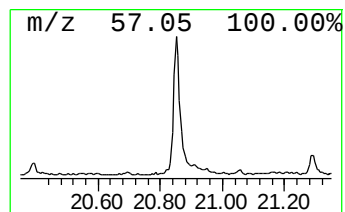
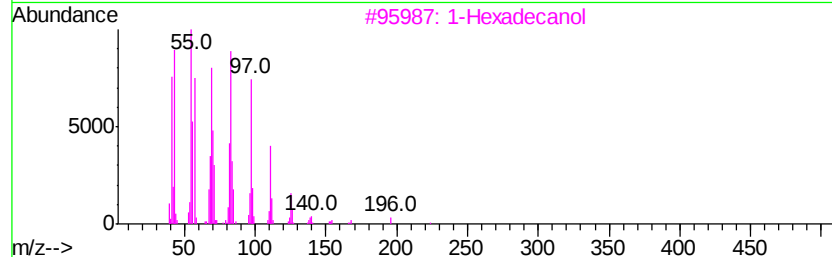
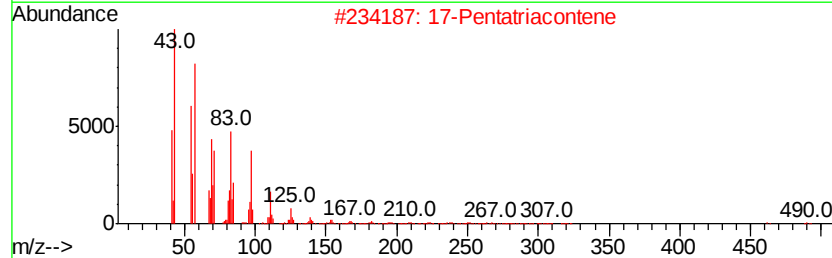
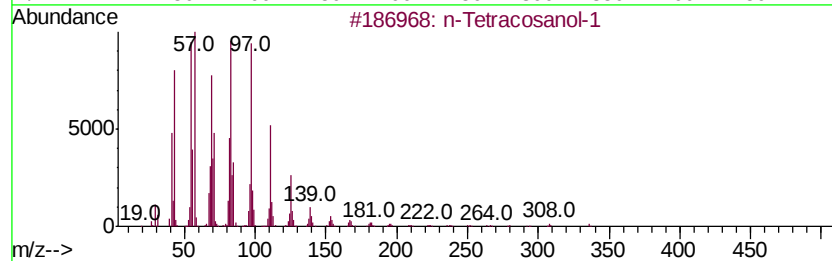
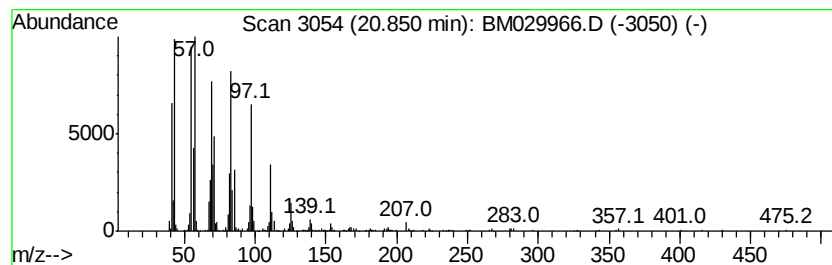
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	5.14 ng/ul	488912	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		1-Hexadecanol	242	C16H34O	036653-82-4	90
4		1-Heneicosanol	312	C21H44O	015594-90-8	90
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	90



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TIC Library : C:\DATABASE\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrameth...	13.10	12.4	ng/ul	1104550	3	14.19	1773740	20.0
n-Hexadecanoic acid	17.84	3.0	ng/ul	293904	4	16.94	1947500	20.0
n-Tetracosanol-1	20.85	5.1	ng/ul	488912	5	21.13	1902410	20.0