

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042321\
 Data File : BN014376.D
 Acq On : 23 Apr 2021 14:29
 Operator : CG/JU
 Sample : M2031-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG534

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_N\METHODS\SFAM-EPA-BN041521.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	3.934	141	144	149	rVB2	40339	51061	1.50%	0.169%
2	6.852	635	640	649	rVB	129511	213530	6.27%	0.707%
3	7.017	663	668	680	rVB	399758	640910	18.83%	2.121%
4	7.217	696	702	714	rVB	450560	707894	20.80%	2.343%
5	7.681	775	781	789	rVB	463478	722340	21.22%	2.391%
6	8.052	841	844	850	rVB2	17059	24403	0.72%	0.081%
7	8.381	894	900	909	rVB	348100	540942	15.89%	1.790%
8	8.828	969	976	986	rVB	517869	821222	24.13%	2.718%
9	9.546	1091	1098	1106	rBV	329623	529809	15.57%	1.754%
10	10.081	1182	1189	1201	rBV	583598	921458	27.07%	3.050%
11	10.458	1246	1253	1259	rBV	627210	1024845	30.11%	3.392%
12	10.510	1259	1262	1267	rVV	34259	49340	1.45%	0.163%
13	10.599	1271	1277	1288	rVB2	23284	43444	1.28%	0.144%
14	11.099	1360	1362	1368	rBV3	2379	3751	0.11%	0.012%
15	11.675	1458	1460	1464	rBV3	2530	3753	0.11%	0.012%
16	12.052	1520	1524	1529	rVB2	9664	13536	0.40%	0.045%
17	12.128	1534	1537	1540	rVB3	3133	4117	0.12%	0.014%
18	12.346	1570	1574	1581	rVB2	7740	11696	0.34%	0.039%
19	13.157	1707	1712	1715	rVB2	7415	10573	0.31%	0.035%
20	13.222	1715	1723	1725	rBV5	1989	4116	0.12%	0.014%
21	13.728	1803	1809	1815	rBV	1138233	1566440	46.03%	5.185%
22	13.775	1815	1817	1822	rVB	20799	25599	0.75%	0.085%
23	14.010	1850	1857	1864	rBV	1415722	2015302	59.21%	6.670%
24	14.234	1891	1895	1900	rBV3	4017	5392	0.16%	0.018%
25	14.322	1903	1910	1916	rVV	905990	1303847	38.31%	4.315%
26	14.381	1916	1920	1925	rVB	22834	32095	0.94%	0.106%
27	14.516	1937	1943	1955	rBV	73582	109464	3.22%	0.362%
28	14.716	1973	1977	1985	rVB2	5712	8732	0.26%	0.029%
29	15.151	2045	2051	2054	rBV3	2765	5528	0.16%	0.018%
30	15.187	2054	2057	2060	rVB2	3015	3590	0.11%	0.012%
31	15.316	2072	2079	2086	rBV	1820182	2435779	71.57%	8.062%
32	15.369	2086	2088	2093	rVB	7050	7493	0.22%	0.025%
33	15.428	2093	2098	2112	rBV	331442	455962	13.40%	1.509%
34	15.557	2112	2120	2125	rBV3	14830	21870	0.64%	0.072%

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35	16.104	2209	2213	2215	rVB2	4389	5316	0.16%	0.018%
36	16.316	2244	2249	2255	rBV2	10378	14819	0.44%	0.049%
37	16.469	2269	2275	2279	rVB3	3522	5341	0.16%	0.018%
38	16.845	2337	2339	2344	rVB	2648	3487	0.10%	0.012%
39	17.069	2371	2377	2382	rBV	1036318	1479357	43.47%	4.896%
40	17.128	2382	2387	2388	rVV2	54849	66712	1.96%	0.221%
41	17.163	2388	2393	2407	rVB	2010962	2771762	81.44%	9.174%
42	17.304	2413	2417	2424	rVB4	8699	12074	0.35%	0.040%
43	17.369	2424	2428	2433	rBV4	5339	9042	0.27%	0.030%
44	17.451	2435	2442	2447	rBV4	19346	36117	1.06%	0.120%
45	17.516	2447	2453	2454	rBV4	5720	7377	0.22%	0.024%
46	17.722	2454	2488	2489	rBV2	69509	420268	12.35%	1.391%
47	17.969	2527	2530	2562	rVB6	179810	571358	16.79%	1.891%
48	18.686	2647	2652	2657	rBV	25843	29157	0.86%	0.097%
49	19.098	2717	2722	2726	rBV	18542	29437	0.86%	0.097%
50	19.257	2745	2749	2757	rBV	55778	72073	2.12%	0.239%
51	19.357	2761	2766	2769	rBV	14956	20727	0.61%	0.069%
52	19.469	2779	2785	2794	rBV	2612532	3384670	99.45%	11.203%
53	19.851	2848	2850	2854	rVB4	3560	3805	0.11%	0.013%
54	20.122	2895	2896	2900	rBV5	2717	3662	0.11%	0.012%
55	20.404	2941	2944	2948	rBV2	12619	15420	0.45%	0.051%
56	20.510	2959	2962	2965	rBV4	13962	15371	0.45%	0.051%
57	20.986	3039	3043	3050	rBV4	51373	93892	2.76%	0.311%
58	21.051	3051	3054	3056	rVB2	11270	15123	0.44%	0.050%
59	21.192	3076	3078	3082	rBV3	10988	10131	0.30%	0.034%
60	21.263	3085	3090	3101	rBV	1402777	1675383	49.23%	5.545%
61	23.351	3438	3445	3461	rVV	1799488	3403454	100.00%	11.265%
62	23.486	3462	3468	3480	rVB2	913584	1698292	49.90%	5.621%

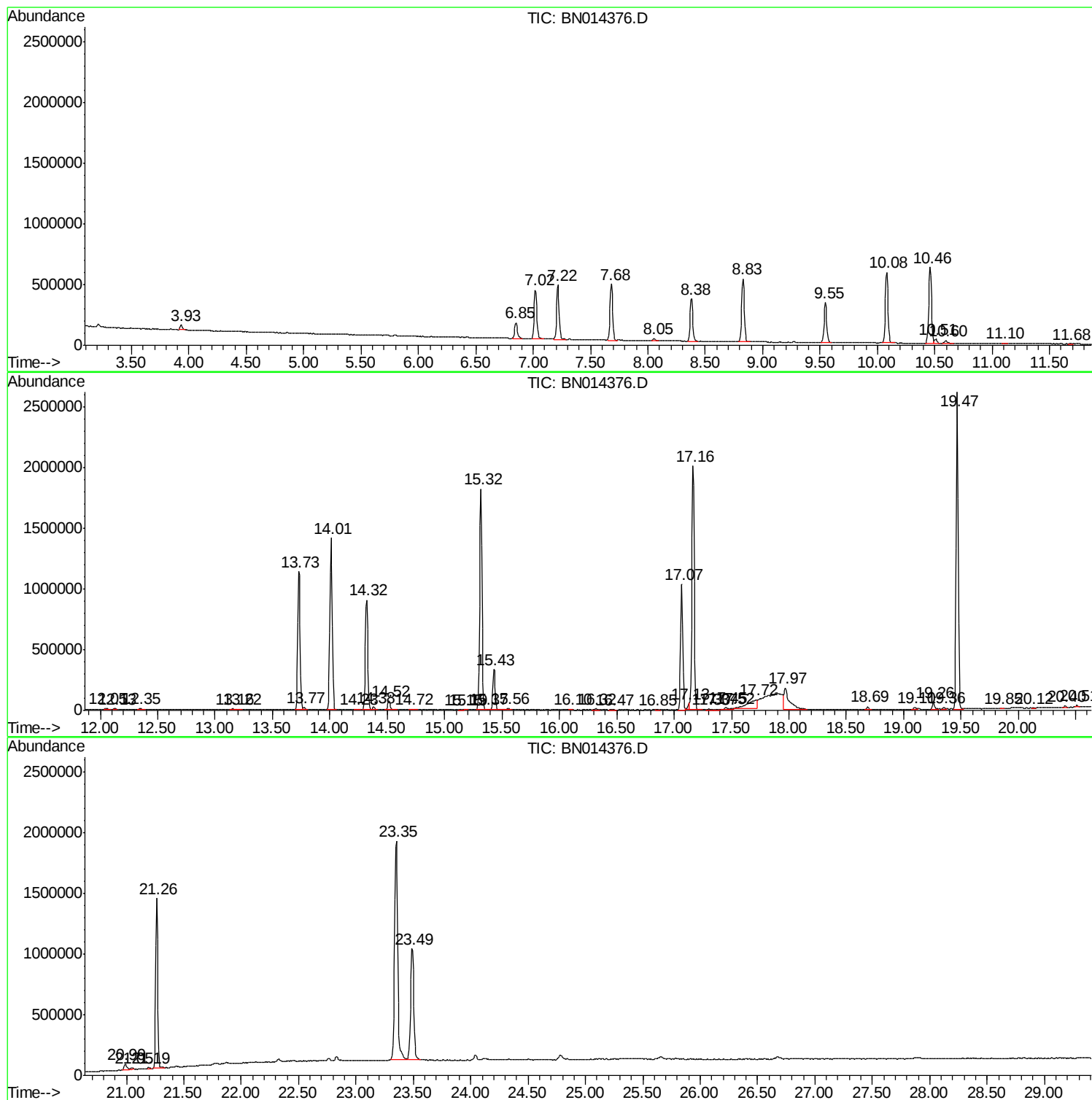
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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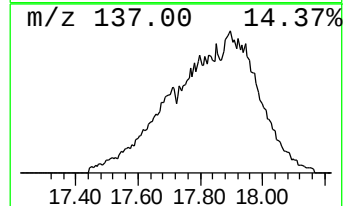
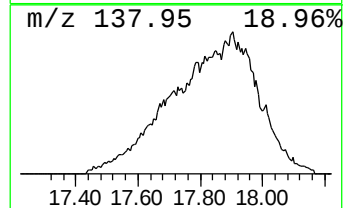
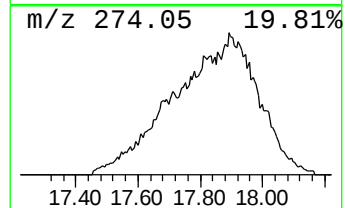
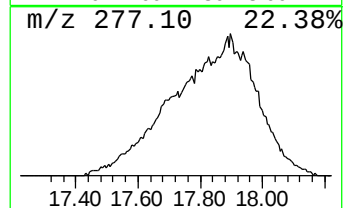
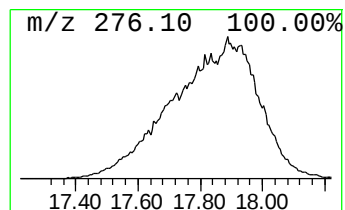
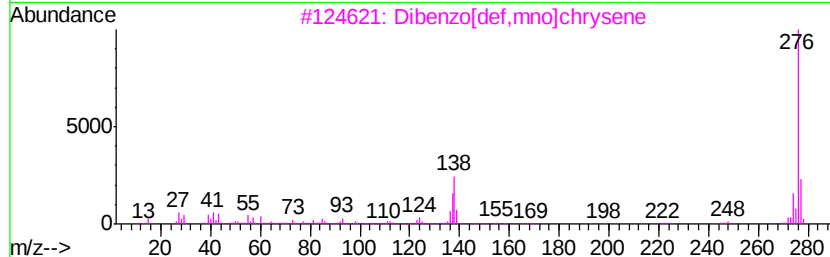
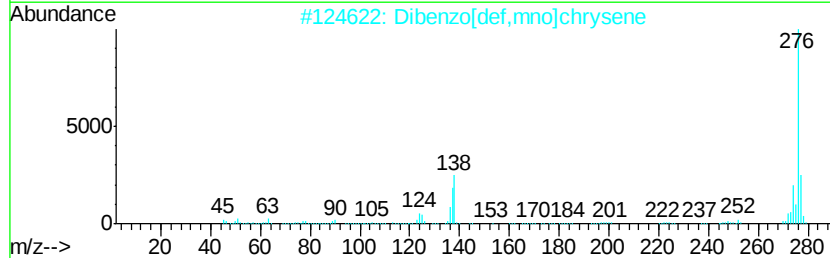
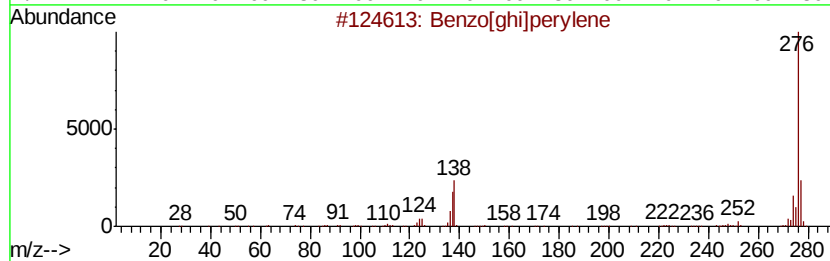
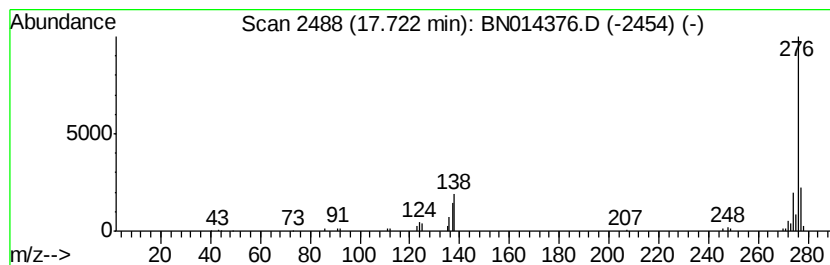
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dibenzo[def,mno]chrysene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.72	5.68 ng/ul	420268	Phenanthrene-d10	17.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	97
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	93



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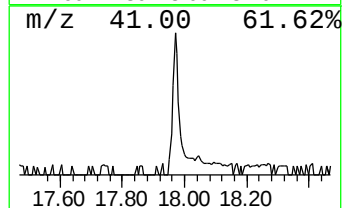
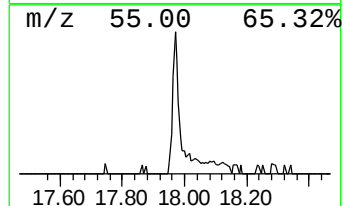
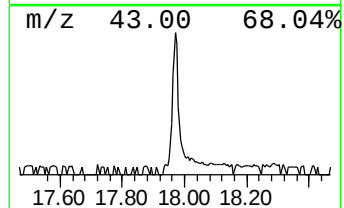
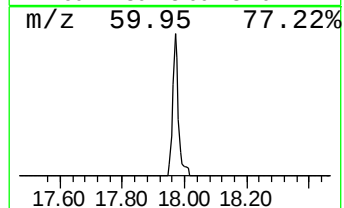
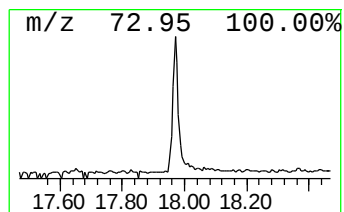
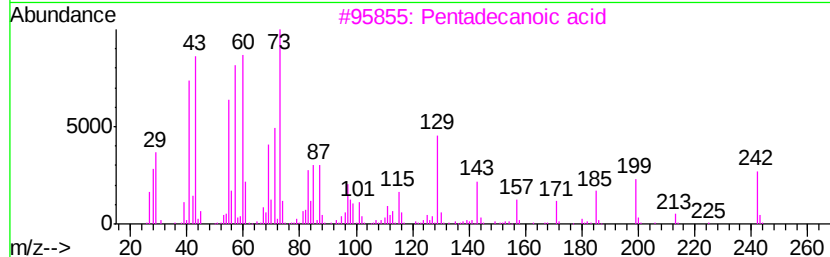
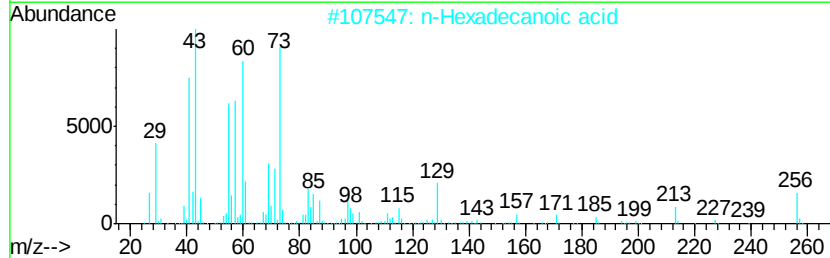
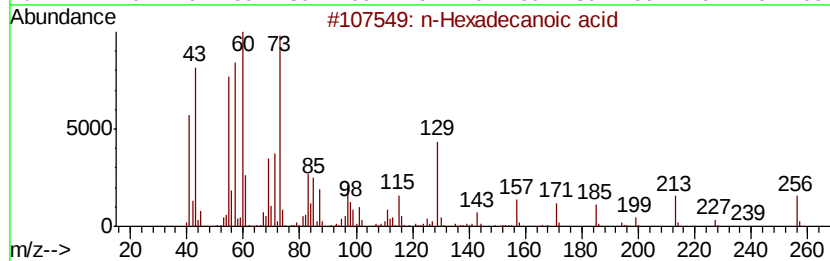
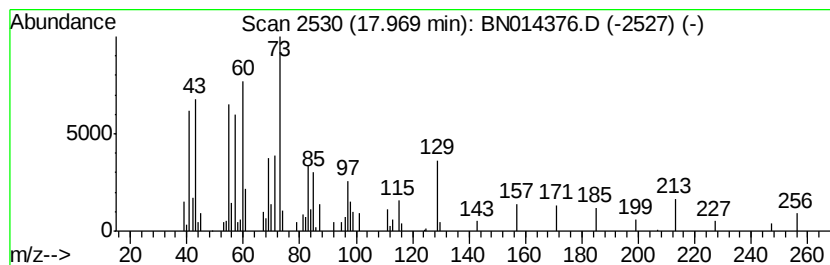
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	7.72 ng/ul	571358	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dibenzo[def,mno]c...	17.72	5.7	ng/ul	420268	4	17.07	1479360	20.0
n-Hexadecanoic acid	17.97	7.7	ng/ul	571358	4	17.07	1479360	20.0