

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121222\
 Data File : BM037977.D
 Acq On : 12 Dec 2022 21:55
 Operator : CG/JU
 Sample : N5948-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXZA6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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-BM120722.M
 Title : SVOA CALIBRATION

Signal : TIC: BM037977.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.381	29	33	36	rBV3	11268	16724	0.53%	0.051%
2	3.416	36	39	44	rVB	26933	37071	1.17%	0.114%
3	3.616	71	73	76	rBV4	3037	3288	0.10%	0.010%
4	3.869	112	116	126	rBV	50510	91798	2.89%	0.281%
5	4.087	149	153	157	rVB3	18253	25710	0.81%	0.079%
6	4.187	166	170	174	rVB2	13706	17978	0.57%	0.055%
7	4.728	259	262	268	rVB7	2554	3266	0.10%	0.010%
8	4.869	285	286	291	rBV5	2541	3638	0.11%	0.011%
9	5.745	433	435	439	rVB4	3171	3427	0.11%	0.010%
10	5.840	448	451	454	rBV4	2066	3658	0.12%	0.011%
11	6.563	571	574	578	rVB4	5861	7513	0.24%	0.023%
12	6.675	590	593	598	rBV6	2151	3186	0.10%	0.010%
13	7.039	651	655	660	rBV5	6516	10778	0.34%	0.033%
14	7.228	680	687	694	rBV	184886	291798	9.18%	0.894%
15	7.281	694	696	702	rVB5	6537	9470	0.30%	0.029%
16	7.398	708	716	723	rBV	596792	918892	28.92%	2.815%
17	7.451	723	725	729	rVB3	8610	9962	0.31%	0.031%
18	7.598	743	750	759	rBV	619589	952380	29.98%	2.918%
19	7.681	759	764	766	rVV5	4821	8505	0.27%	0.026%
20	7.716	766	770	775	rVV	18728	28032	0.88%	0.086%
21	7.775	777	780	783	rVB5	2830	3538	0.11%	0.011%
22	7.928	803	806	810	rBV4	2470	4104	0.13%	0.013%
23	7.963	810	812	817	rVB4	5110	7466	0.23%	0.023%
24	8.075	823	831	839	rBV	627179	976093	30.72%	2.990%
25	8.186	846	850	857	rVB7	6888	11520	0.36%	0.035%
26	8.569	911	915	919	rVV6	3192	4879	0.15%	0.015%
27	8.616	919	923	929	rVB2	9591	16510	0.52%	0.051%
28	8.710	934	939	945	rBV4	13587	24102	0.76%	0.074%
29	8.781	945	951	962	rBV	458030	714066	22.48%	2.188%
30	8.881	964	968	971	rVV4	5204	8697	0.27%	0.027%
31	9.028	988	993	998	rBV9	4756	9512	0.30%	0.029%
32	9.081	998	1002	1008	rVB3	7280	10500	0.33%	0.032%
33	9.181	1012	1019	1023	rBV5	8767	14598	0.46%	0.045%
34	9.245	1023	1030	1037	rBV	758429	1204328	37.91%	3.689%
35	9.416	1054	1059	1062	rBV7	3481	6996	0.22%	0.021%
36	9.533	1076	1079	1081	rVB3	2666	3227	0.10%	0.010%

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37	9.639	1090	1097	1101	rBV	16200	24692	0.78%	0.076%
38	9.704	1105	1108	1113	rVB5	4494	7655	0.24%	0.023%
39	9.769	1113	1119	1125	rBV3	7317	12429	0.39%	0.038%
40	9.969	1146	1153	1165	rBV	552956	916874	28.86%	2.809%

41	10.069	1165	1170	1171	rBV4	3756	5266	0.17%	0.016%
42	10.286	1203	1207	1212	rVB4	6969	11327	0.36%	0.035%
43	10.510	1238	1245	1255	rBV	759231	1251964	39.41%	3.835%
44	10.892	1303	1310	1317	rBV	835173	1333747	41.98%	4.086%
45	10.939	1317	1318	1326	rVB5	10155	15088	0.47%	0.046%

46	11.033	1326	1334	1346	rBV	198607	368391	11.60%	1.129%
47	11.451	1399	1405	1408	rVB5	2117	4094	0.13%	0.013%
48	11.898	1477	1481	1485	rBV5	3150	5092	0.16%	0.016%
49	12.122	1516	1519	1523	rVB5	2431	3807	0.12%	0.012%
50	12.286	1542	1547	1551	rBV2	11204	17473	0.55%	0.054%

51	12.469	1574	1578	1584	rVB2	14989	22742	0.72%	0.070%
52	12.539	1586	1590	1597	rVB2	11401	17038	0.54%	0.052%
53	12.757	1624	1627	1633	rVB3	8164	12261	0.39%	0.038%
54	12.910	1649	1653	1657	rBV5	2998	5092	0.16%	0.016%
55	13.174	1695	1698	1701	rVB4	3406	3496	0.11%	0.011%

56	13.227	1704	1707	1714	rVB5	4094	6813	0.21%	0.021%
57	13.516	1751	1756	1764	rVB4	16565	27875	0.88%	0.085%
58	13.674	1779	1783	1786	rVB6	2916	4163	0.13%	0.013%
59	13.745	1793	1795	1802	rVB7	3194	4044	0.13%	0.012%
60	13.892	1818	1820	1825	rVB5	2592	3382	0.11%	0.010%

61	14.021	1837	1842	1843	rBV4	5160	5432	0.17%	0.017%
62	14.110	1849	1857	1871	rBV	1372684	1824636	57.43%	5.590%
63	14.398	1899	1906	1924	rBV	1572571	2302727	72.48%	7.054%
64	14.515	1924	1926	1930	rVV5	2975	4299	0.14%	0.013%
65	14.580	1932	1937	1941	rBV7	6548	11269	0.35%	0.035%

66	14.704	1951	1958	1970	rBV	1087757	1562601	49.18%	4.787%
67	14.898	1985	1991	2004	rBV2	51708	118448	3.73%	0.363%
68	15.098	2022	2025	2026	rBV3	4187	3785	0.12%	0.012%
69	15.268	2051	2054	2058	rBV5	3387	3673	0.12%	0.011%
70	15.362	2067	2070	2075	rVB6	2970	4559	0.14%	0.014%

71	15.521	2094	2097	2100	rVB4	3252	3706	0.12%	0.011%
72	15.692	2119	2126	2137	rBV	1919788	2686212	84.55%	8.229%
73	15.810	2140	2146	2158	rVB	326964	480053	15.11%	1.471%
74	15.927	2163	2166	2170	rVB4	8539	11510	0.36%	0.035%
75	16.051	2183	2187	2191	rBV	25394	30532	0.96%	0.094%

76	16.392	2241	2245	2250	rVB7	3499	5058	0.16%	0.015%
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77	16.821	2315	2318	2319	rBV3	3597	3484	0.11%	0.011%
78	17.121	2364	2369	2371	rBV6	3267	5347	0.17%	0.016%
79	17.221	2383	2386	2388	rBV3	2530	3188	0.10%	0.010%
80	17.392	2413	2415	2417	rBV3	3649	3559	0.11%	0.011%
81	17.445	2417	2424	2434	rVV	1027583	1481929	46.64%	4.540%
82	17.545	2434	2441	2458	rVV	1826424	2644035	83.22%	8.100%
83	17.809	2481	2486	2493	rVB2	16045	26445	0.83%	0.081%
84	17.909	2501	2503	2506	rBV4	2649	3297	0.10%	0.010%
85	17.968	2511	2513	2516	rVB4	4936	4456	0.14%	0.014%
86	18.098	2531	2535	2540	rBV6	5539	9706	0.31%	0.030%
87	18.192	2548	2551	2555	rBV5	5712	8353	0.26%	0.026%
88	18.315	2567	2572	2581	rBV2	106672	156142	4.91%	0.478%
89	18.903	2670	2672	2674	rVB2	5597	5156	0.16%	0.016%
90	19.392	2751	2755	2758	rBV3	19887	25829	0.81%	0.079%
91	19.462	2763	2767	2770	rBV2	22789	34155	1.08%	0.105%
92	19.586	2784	2788	2792	rBV2	41255	50721	1.60%	0.155%
93	19.827	2823	2829	2839	rBV	2273511	2997596	94.35%	9.183%
94	21.297	3076	3079	3086	rBV4	105214	159594	5.02%	0.489%
95	21.609	3127	3132	3142	rBV	1190747	1565723	49.28%	4.797%
96	23.933	3520	3527	3545	rVB2	1538629	3177082	100.00%	9.733%
97	24.091	3547	3554	3564	rVV	827623	1666415	52.45%	5.105%

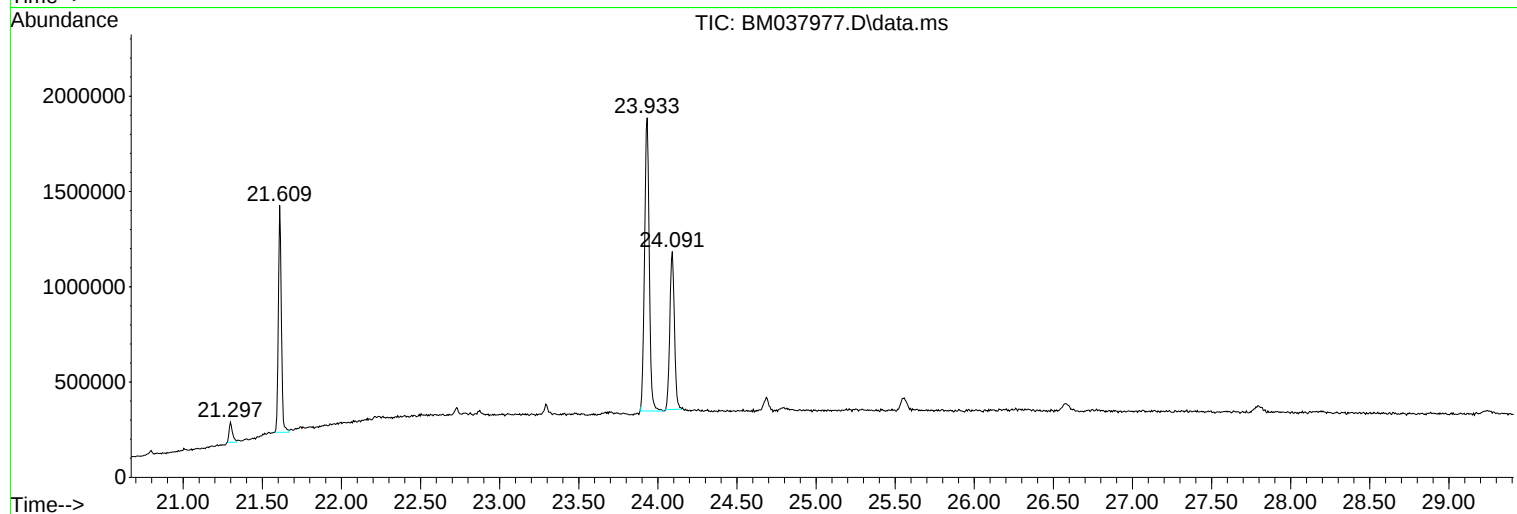
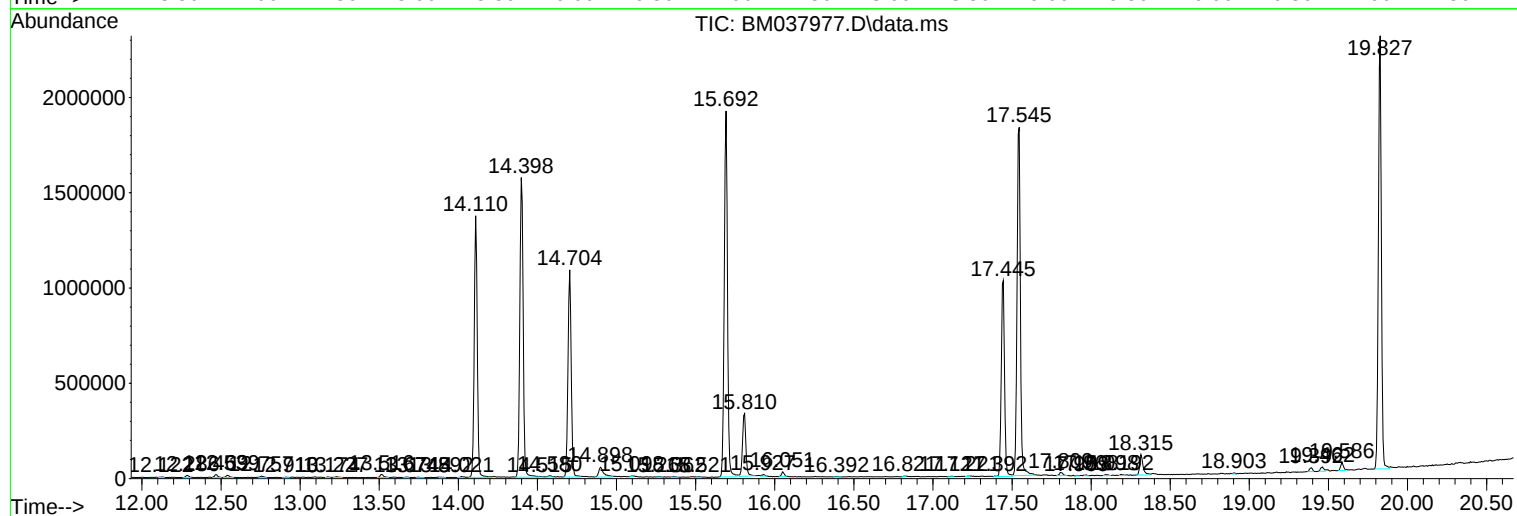
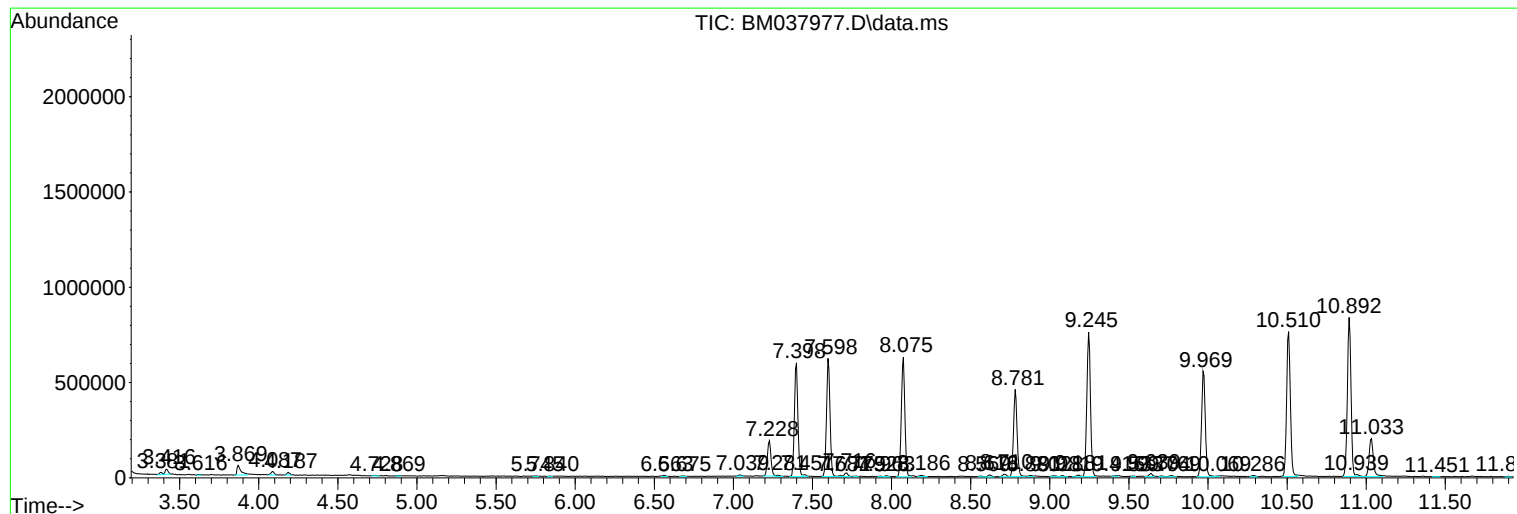
Sum of corrected areas: 32642727

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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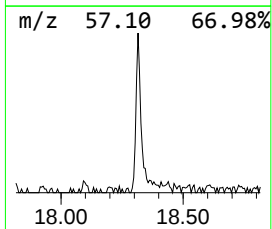
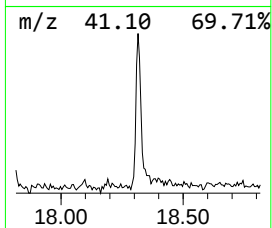
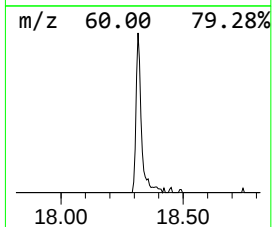
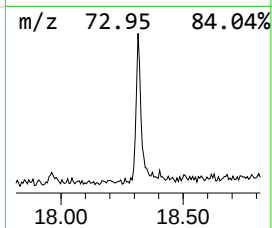
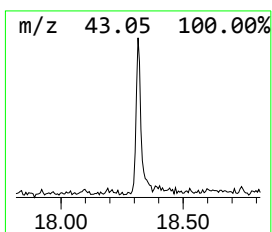
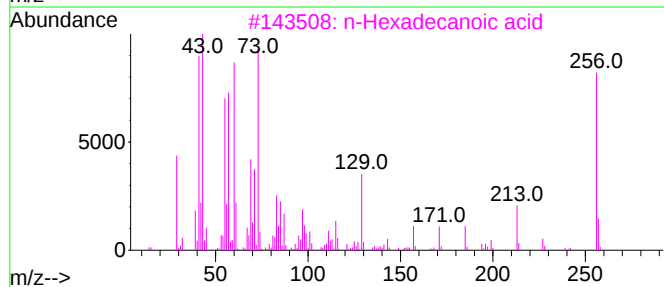
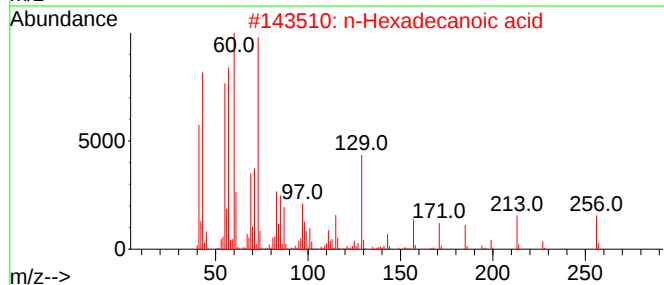
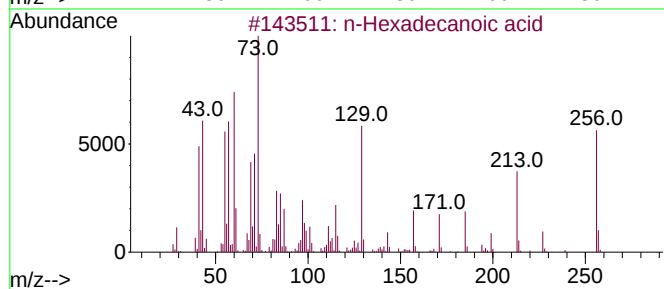
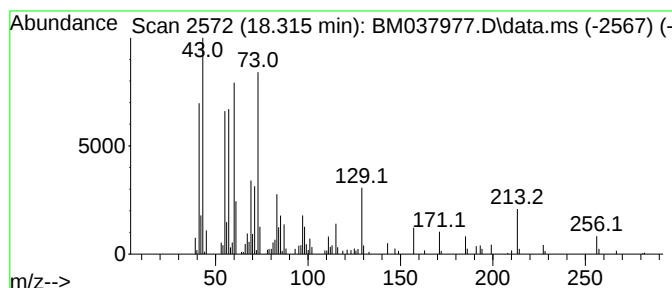
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.315	2.11 ng/ul	156142	Phenanthrene-d10	17.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97		
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97		
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91		
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76		



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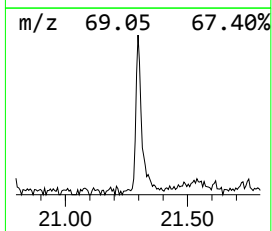
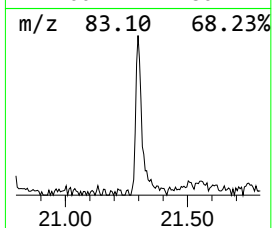
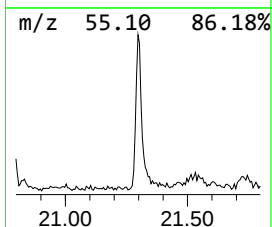
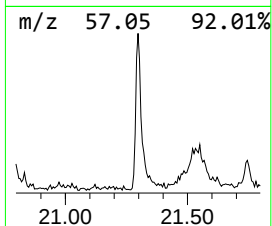
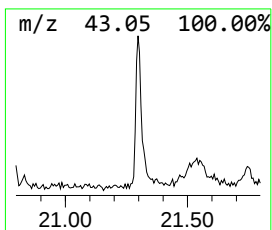
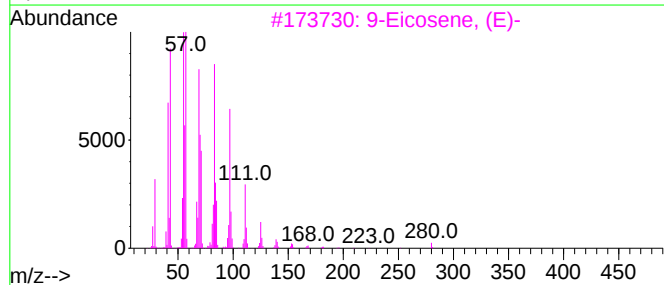
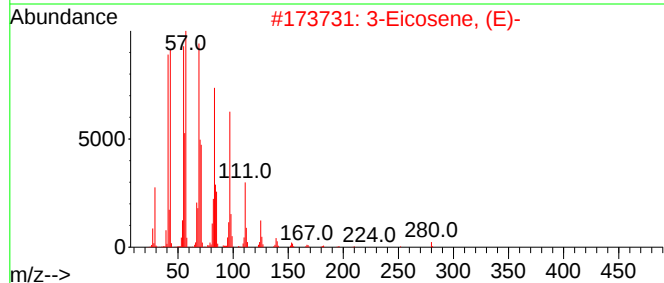
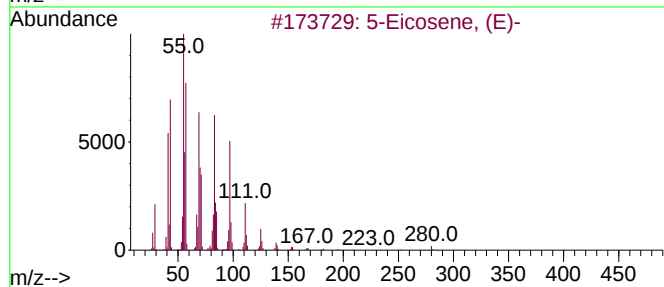
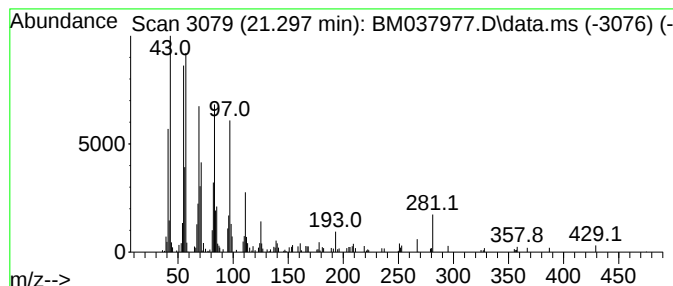
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.297	2.04 ng/ul	159594	Chrysene-d12	21.609	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	96
4	Cyclotridecane	182	C13H26	000295-02-3	95
5	Behenic alcohol	326	C22H46O	000661-19-8	93



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.315	2.1	ng/ul	156142	4	17.445	1481930	20.0
(DEL) Alkane: S...	21.297	2.0	ng/ul	159594	5	21.609	1565720	20.0