

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016581.D
 Acq On : 15 Aug 2023 02:55
 Operator : MA/JU
 Sample : 03965-20
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48L5

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_P\Methods\SFAM-EPA-BP081423.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP016581.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	15	19	26	rVB	77165	103787	1.12%	0.097%
2	3.840	91	94	106	rBV	101203	170906	1.84%	0.160%
3	3.952	109	113	117	rVB	41346	50585	0.54%	0.047%
4	4.040	122	128	140	rVB	131366	225357	2.43%	0.211%
5	4.152	144	147	157	rVB	40952	60883	0.66%	0.057%
6	4.546	210	214	220	rVB2	21750	30957	0.33%	0.029%
7	4.740	243	247	252	rVB2	25979	41439	0.45%	0.039%
8	4.799	252	257	263	rBV7	9211	17398	0.19%	0.016%
9	4.993	287	290	294	rVB4	7965	11375	0.12%	0.011%
10	5.093	301	307	318	rBV	95299	145872	1.57%	0.137%
11	5.211	323	327	332	rBV5	11150	18213	0.20%	0.017%
12	5.563	383	387	392	rBV5	5560	9760	0.11%	0.009%
13	5.687	402	408	414	rVB2	13747	25229	0.27%	0.024%
14	6.010	458	463	469	rVB8	10885	19922	0.21%	0.019%
15	6.999	627	631	646	rVB9	11324	31182	0.34%	0.029%
16	7.193	657	664	678	rBV	1380004	2234452	24.06%	2.096%
17	7.393	691	698	708	rBV	1159928	1774041	19.11%	1.664%
18	7.575	721	729	738	rBV	1391856	2153898	23.20%	2.020%
19	7.646	738	741	752	rVB	32810	66084	0.71%	0.062%
20	7.857	773	777	782	rVB	10048	15530	0.17%	0.015%
21	8.057	802	811	823	rBV	2441494	3832057	41.27%	3.595%
22	8.581	897	900	906	rBV7	10928	18563	0.20%	0.017%
23	8.757	923	930	944	rBV	1380945	2183256	23.51%	2.048%
24	8.904	949	955	963	rVB	164953	271538	2.92%	0.255%
25	9.252	1006	1014	1025	rBV	1310472	2138010	23.03%	2.006%
26	9.375	1032	1035	1042	rVB8	9821	16511	0.18%	0.015%
27	9.487	1049	1054	1058	rVB6	12206	20127	0.22%	0.019%
28	9.969	1123	1136	1146	rBV	1042022	1704084	18.35%	1.599%
29	10.081	1150	1155	1161	rVV	25917	53170	0.57%	0.050%
30	10.140	1161	1165	1172	rVB7	11490	21530	0.23%	0.020%
31	10.334	1193	1198	1203	rBV3	17511	32449	0.35%	0.030%
32	10.493	1214	1225	1236	rBV	1597988	2624311	28.26%	2.462%
33	10.646	1247	1251	1257	rVB9	8115	14475	0.16%	0.014%
34	10.893	1283	1293	1300	rBV	3538503	5915612	63.71%	5.549%
35	10.946	1300	1302	1309	rVB3	22435	32055	0.35%	0.030%
36	11.046	1311	1319	1332	rBV	1217565	2070922	22.30%	1.943%

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37	11.428	1378	1384	1393	rVB	11495	23692	0.26%	0.022%
38	11.634	1413	1419	1424	rBV7	13454	26589	0.29%	0.025%
39	11.698	1426	1430	1436	rVB	10776	19447	0.21%	0.018%
40	11.916	1461	1467	1471	rBV9	5840	9497	0.10%	0.009%
41	12.240	1517	1522	1524	rBV6	9666	15161	0.16%	0.014%
42	12.363	1537	1543	1547	rBV6	5873	9935	0.11%	0.009%
43	12.463	1554	1560	1568	rBV	31809	53032	0.57%	0.050%
44	12.540	1568	1573	1579	rBV3	16450	24606	0.26%	0.023%
45	12.757	1605	1610	1616	rVB3	12884	22100	0.24%	0.021%
46	13.040	1654	1658	1667	rVB3	13873	24251	0.26%	0.023%
47	13.181	1680	1682	1688	rVB7	8754	11046	0.12%	0.010%
48	13.287	1694	1700	1706	rBV4	10769	17847	0.19%	0.017%
49	13.475	1725	1732	1738	rBV5	17886	31459	0.34%	0.030%
50	13.557	1740	1746	1755	rBV	143765	221550	2.39%	0.208%
51	13.640	1755	1760	1763	rBV7	7636	12263	0.13%	0.012%
52	13.863	1792	1798	1799	rBV6	9106	12402	0.13%	0.012%
53	13.892	1799	1803	1812	rVB10	16943	29546	0.32%	0.028%
54	14.028	1820	1826	1830	rBV6	28711	43166	0.46%	0.040%
55	14.075	1830	1834	1835	rBV4	9701	10936	0.12%	0.010%
56	14.116	1835	1841	1856	rVB	2825194	3855227	41.52%	3.616%
57	14.257	1862	1865	1868	rVB5	8099	10776	0.12%	0.010%
58	14.410	1883	1891	1903	rBV	3090373	4763901	51.31%	4.469%
59	14.539	1911	1913	1917	rVB5	8837	10743	0.12%	0.010%
60	14.710	1931	1942	1950	rBV	5270323	7775129	83.74%	7.293%
61	14.904	1968	1975	1995	rBV	1094672	1747306	18.82%	1.639%
62	15.086	2001	2006	2009	rBV3	46962	83852	0.90%	0.079%
63	15.134	2010	2014	2027	rVB2	178927	286556	3.09%	0.269%
64	15.310	2040	2044	2048	rVB7	9598	15298	0.16%	0.014%
65	15.363	2051	2053	2058	rVB6	9993	13533	0.15%	0.013%
66	15.457	2065	2069	2072	rBV4	10153	15479	0.17%	0.015%
67	15.704	2102	2111	2118	rBV	3989039	5891033	63.44%	5.526%
68	15.816	2125	2130	2141	rVB	798273	1085212	11.69%	1.018%
69	15.939	2148	2151	2157	rVB4	17667	29749	0.32%	0.028%
70	16.039	2165	2168	2174	rVB4	15302	22202	0.24%	0.021%
71	16.198	2191	2195	2202	rVB2	13925	26367	0.28%	0.025%
72	16.363	2219	2223	2224	rBV4	13455	17380	0.19%	0.016%
73	16.822	2296	2301	2303	rBV6	10122	17990	0.19%	0.017%
74	16.986	2325	2329	2334	rBV5	25878	48093	0.52%	0.045%
75	17.333	2386	2388	2393	rBV6	11878	18269	0.20%	0.017%
76	17.475	2405	2412	2417	rBV	6551322	9285289	100.00%	8.710%

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77	17.516	2417	2419	2423	rVV	352801	437425	4.71%	0.410%
78	17.575	2423	2429	2439	rVV2	4294014	6262787	67.45%	5.875%
79	17.651	2439	2442	2446	rVB2	79047	107745	1.16%	0.101%
80	17.728	2453	2455	2461	rVB2	26441	34345	0.37%	0.032%
81	18.051	2507	2510	2514	rBV6	25559	36038	0.39%	0.034%
82	18.098	2515	2518	2521	rVB3	38676	46674	0.50%	0.044%
83	18.316	2550	2555	2562	rBV2	543837	930134	10.02%	0.873%
84	18.380	2563	2566	2568	rVV	58970	75774	0.82%	0.071%
85	18.522	2584	2590	2593	rBV4	91717	178042	1.92%	0.167%
86	18.816	2637	2640	2644	rBV	46764	65274	0.70%	0.061%
87	19.474	2748	2752	2757	rVB	839585	1068149	11.50%	1.002%
88	19.545	2761	2764	2772	rBV2	243509	377905	4.07%	0.354%
89	19.804	2802	2808	2819	rBV2	5477397	8320295	89.61%	7.805%
90	21.227	3046	3050	3057	rBV3	719987	1065684	11.48%	1.000%
91	21.568	3102	3108	3113	rBV2	6524341	9281022	99.95%	8.706%
92	21.610	3113	3115	3120	rVB	356050	390331	4.20%	0.366%
93	23.286	3397	3400	3405	rVB	415562	604431	6.51%	0.567%
94	23.986	3512	3519	3526	rBV2	2779505	5905501	63.60%	5.540%
95	24.162	3541	3549	3557	rBV	3599198	7623063	82.10%	7.151%

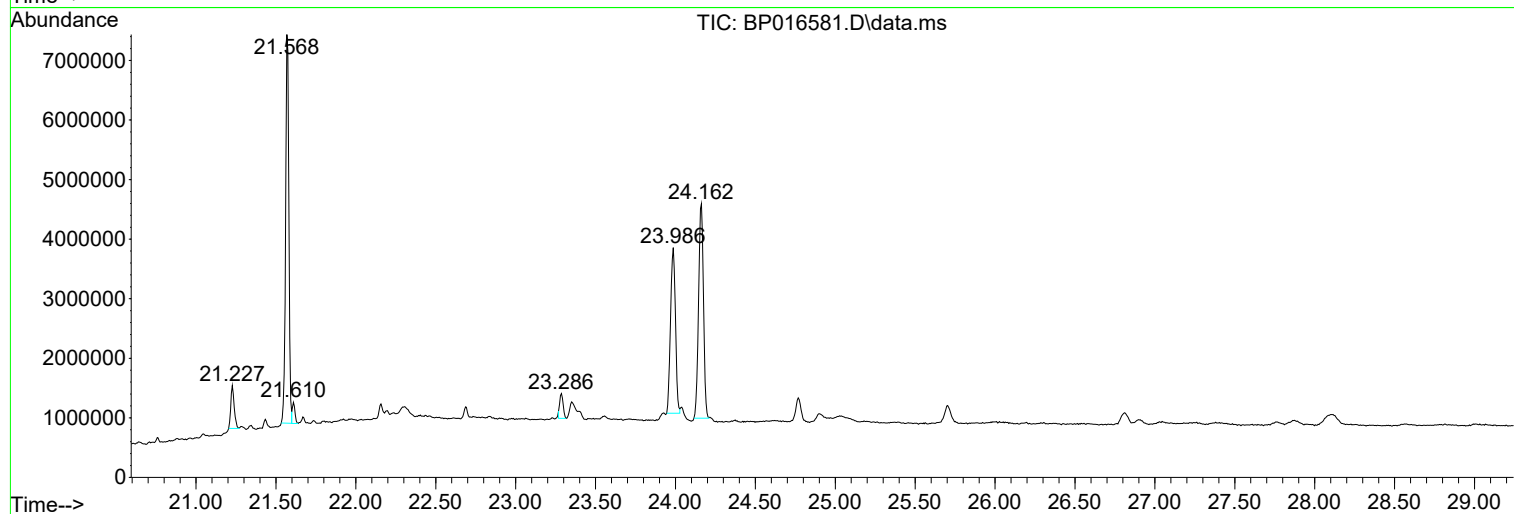
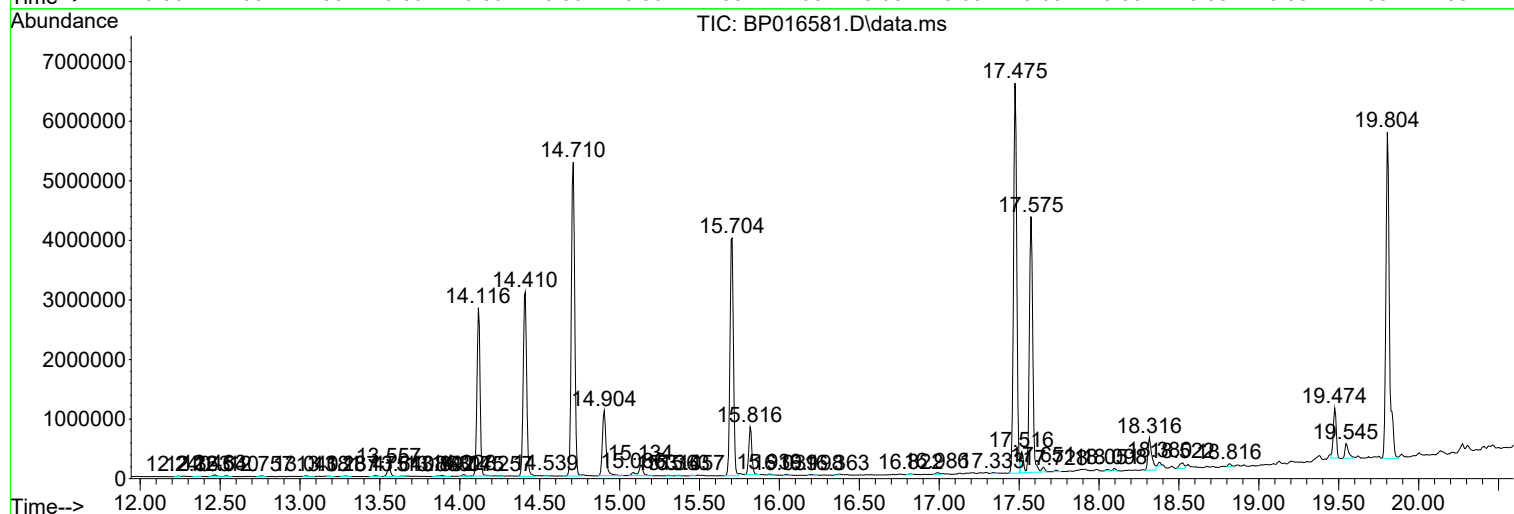
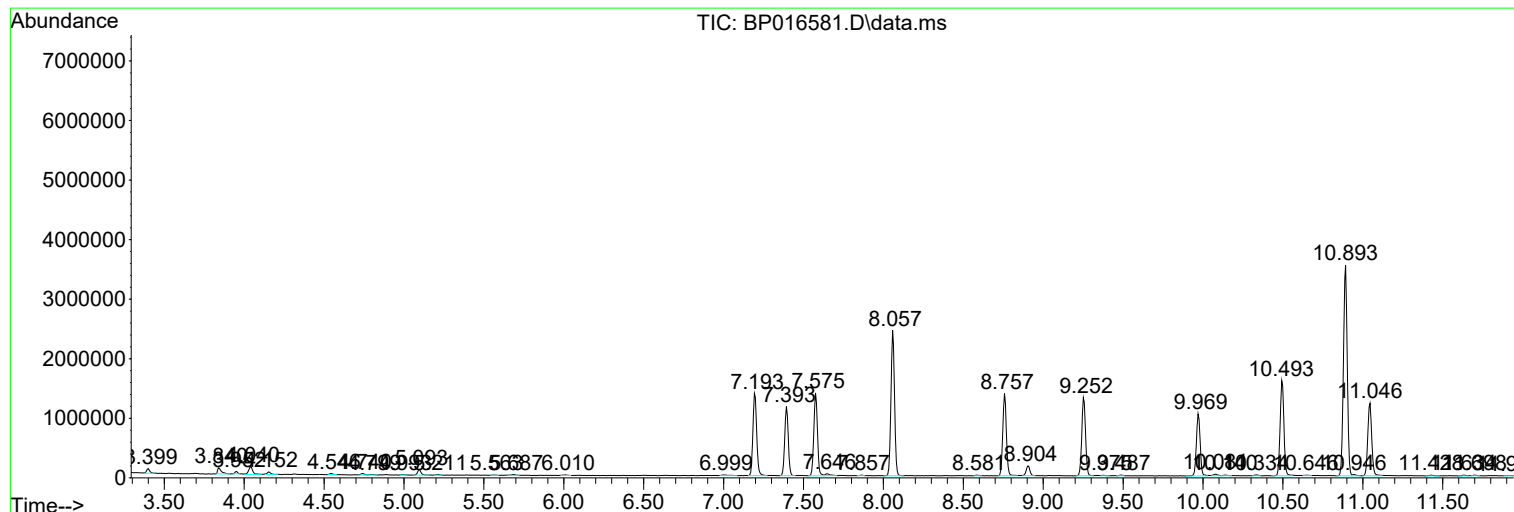
Sum of corrected areas: 106604068

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Quant Title : SVOA CALIBRATION

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



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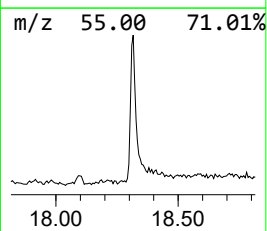
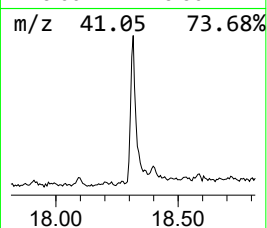
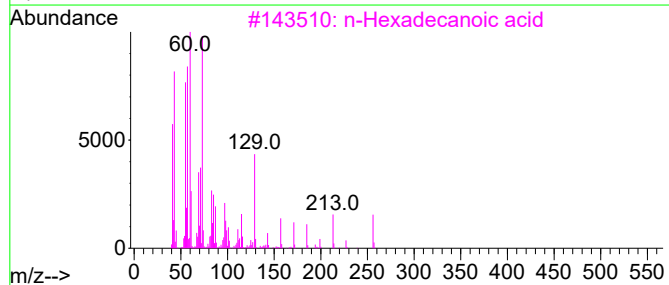
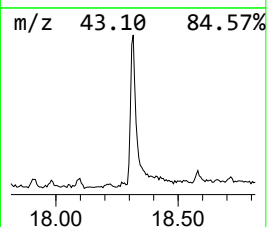
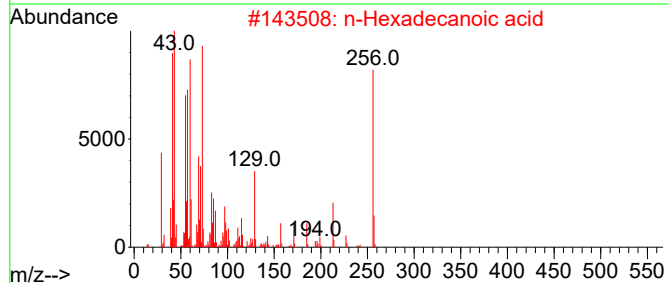
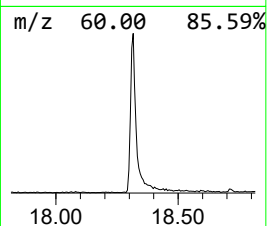
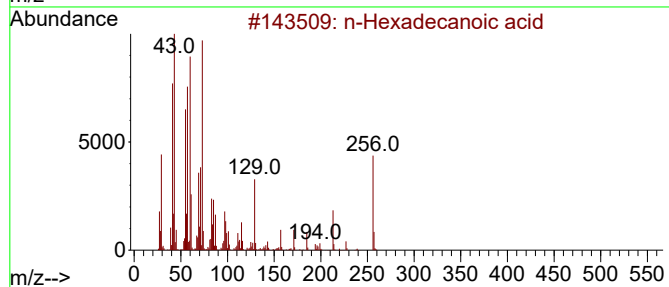
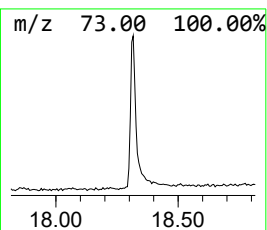
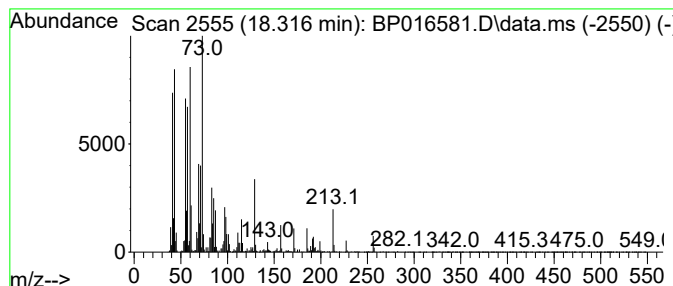
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	2.00 ng/ul	930134	Phenanthrene-d10	17.475

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5		Tridecanoic acid	214	C13H26O2	000638-53-9	93



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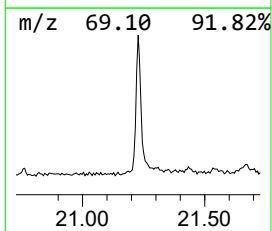
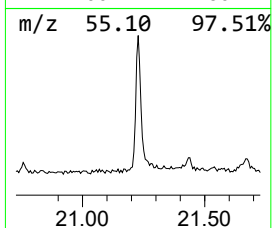
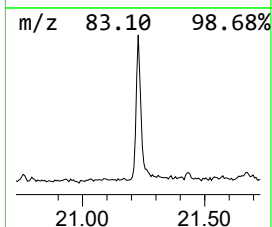
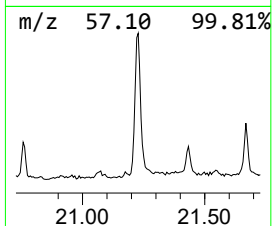
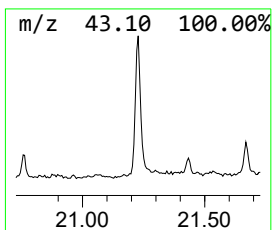
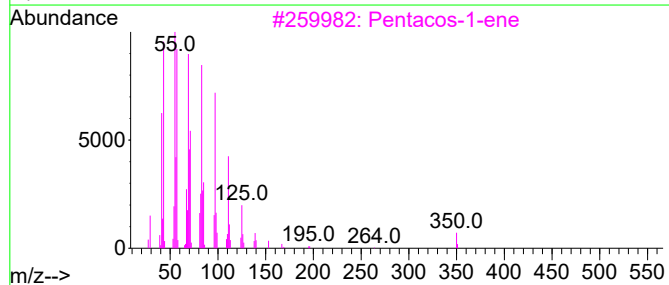
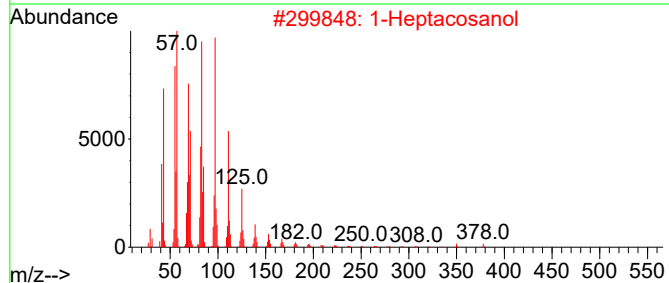
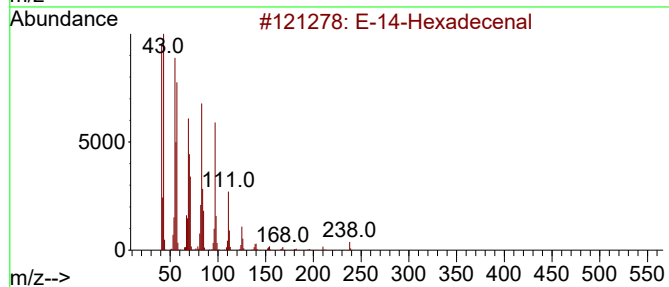
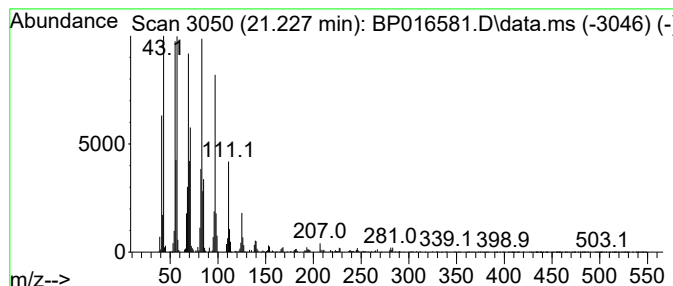
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 E-14-Hexadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	2.30 ng/ul	1065680	Chrysene-d12	21.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal			238	C16H30O	330207-53-9	95
2	1-Heptacosanol			396	C27H56O	002004-39-9	94
3	Pentacos-1-ene			350	C25H50	016980-85-1	94
4	Behenic alcohol			326	C22H46O	000661-19-8	94
5	Cyclopentadecane			210	C15H30	000295-48-7	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.316	2.0	ng/ul	930134	4	17.475	9285290	20.0
E-14-Hexadecenal	21.227	2.3	ng/ul	1065680	5	21.569	9281020	20.0