LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
Data File : BP013990.D
Acq On : 08 Mar 2023 22:19
Operator : CG/JU
Sample : 01729-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0BZ4

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-BP030723.M
Title : SVOA CALIBRATION

Signal : TIC: BP013990.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	38	42	50	rVB	21756	34173	0.68%	0.081%
2	3.876	114	117	137	rBV	97220	178989	3.55%	0.427%
3	4.105	151	156	161	rVB	13058	20967	0.42%	0.050%
4	4.199	168	172	177	rBV2	13336	19122	0.38%	0.046%
5	4.311	187	191	196	rVB6	6947	11224	0.22%	0.027%
6	5.140	327	332	339	rVB	6783	12640	0.25%	0.030%
7	6.452	549	555	562	rVB5	7099	14093	0.28%	0.034%
8	7.234	682	688	701	rVB	81187	146223	2.90%	0.349%
9	7.399	709	716	729	rBV	348267	559991	11.11%	1.335%
10	7.611	743	752	763	rBV	342610	578286	11.47%	1.379%
11	7.687	763	765	772	rVB8	3152	5483	0.11%	0.013%
12	8.081	825	832	846	rVB	410016	655706	13.00%	1.563%
13	8.787	944	952	964	rBV	272400	461736	9.16%	1.101%
14	9.252	1023	1031	1044	rBV	453609	768133	15.23%	1.831%
15	9.499	1045	1073	1077	rBV	970522	4544281	90.12%	10.834%
16	9.981	1147	1155	1164	rBV	403063	676757	13.42%	1.613%
17	10.163	1180	1186	1194	rBV2	30258	67955	1.35%	0.162%
18	10.522	1239	1247	1264	rBV	550608	977808	19.39%	2.331%
19	10.857	1300	1304	1305	rBV4	5489	6477	0.13%	0.015%
20	10.905	1305	1312	1327	rVB	569076	941987	18.68%	2.246%
21	11.040	1327	1335	1345	rBV	505161	859993	17.06%	2.050%
22	11.169	1352	1357	1364	rBV7	11172	23795	0.47%	0.057%
23	11.322	1376	1383	1396	rVB5	17780	52570	1.04%	0.125%
24	11.469	1404	1408	1409	rBV4	5274	6096	0.12%	0.015%
25	11.657	1437	1440	1444	rBV6	4496	5513	0.11%	0.013%
26	11.734	1444	1453	1461	rBV6	27892	87913	1.74%	0.210%
27	11.810	1461	1466	1471	rVV5	8312	13415	0.27%	0.032%
28	11.857	1471	1474	1479	rBV5	7449	11940	0.24%	0.028%
29	11.987	1493	1496	1503	rVB9	3183	5381	0.11%	0.013%
30	12.087	1508	1513	1519	rVB10	3539	7278	0.14%	0.017%
31	12.299	1543	1549	1554	rBV2	13440	22341	0.44%	0.053%
32	12.481	1576	1580	1590	rVB2	10625	19753	0.39%	0.047%
33	12.616	1598	1603	1611	rBV2	16170	27129	0.54%	0.065%
34	12.799	1625	1634	1640	rBV2	3556	9869	0.20%	0.024%
35	13.104	1683	1686	1693	rVB9	4235	6461	0.13%	0.015%
36	13.528	1750	1758	1765	rBV	21884	33668	0.67%	0.080%

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Title : SVOA CALIBRATION

37	13.604	1765	1771	1774	rBV7	5207	9700	0.19%	0.023%
38	13.687	1783	1785	1794	rVB10	2766	5712	0.11%	0.014%
39	14.051	1841	1847	1850	rBV8	2730	5240	0.10%	0.012%
40	14.122	1850	1859	1866	rBV	1395968	1871286	37.11%	4.461%
41	14.222	1872	1876	1882	rVB8	6519	12499	0.25%	0.030%
42	14.293	1882	1888	1893	rBV9	4318	8499	0.17%	0.020%
43	14.416	1901	1909	1916	rBV	1338532	2025577	40.17%	4.829%
44	14.546	1926	1931	1934	rBV7	3485	6147	0.12%	0.015%
45	14.593	1935	1939	1947	rVB	33804	43000	0.85%	0.103%
46	14.716	1954	1960	1968	rVB	947167	1406140	27.89%	3.352%
47	14.922	1989	1995	2009	rBV2	67831	163093	3.23%	0.389%
48	15.028	2009	2013	2016	rBV5	5341	9191	0.18%	0.022%
49	15.134	2028	2031	2038	rVB9	8386	15860	0.31%	0.038%
50	15.210	2038	2044	2051	rVB9	7316	13669	0.27%	0.033%
51	15.463	2081	2087	2089	rBV7	3343	5636	0.11%	0.013%
52	15.545	2097	2101	2105	rVB	39670	47605	0.94%	0.113%
53	15.710	2122	2129	2140	rBV	1957510	2735724	54.26%	6.522%
54	15.828	2142	2149	2162	rVV	725717	1026780	20.36%	2.448%
55	15.951	2164	2170	2175	rVB4	18157	32027	0.64%	0.076%
56	16.051	2183	2187	2192	rVB8	4982	6835	0.14%	0.016%
57	16.104	2192	2196	2201	rVV7	5084	9340	0.19%	0.022%
58	16.169	2204	2207	2210	rVB5	7416	8506	0.17%	0.020%
59	16.410	2243	2248	2255	rBV	38218	67354	1.34%	0.161%
60	16.751	2302	2306	2310	rBV7	6294	11483	0.23%	0.027%
61	16.810	2314	2316	2321	rVB6	5795	8112	0.16%	0.019%
62	16.869	2323	2326	2331	rVB6	5386	6278	0.12%	0.015%
63	16.916	2331	2334	2337	rBV5	7448	9024	0.18%	0.022%
64	16.987	2343	2346	2349	rVB4	15097	15066	0.30%	0.036%
65	17.063	2357	2359	2365	rVB6	5643	6888	0.14%	0.016%
66	17.204	2379	2383	2389	rBV	36153	50965	1.01%	0.122%
67	17.263	2389	2393	2403	rVB7	16072	38669	0.77%	0.092%
68	17.475	2422	2429	2435	rBV	1307115	1892161	37.53%	4.511%
69	17.575	2439	2446	2455	rVV	2223119	3220559	63.87%	7.678%
70	17.745	2471	2475	2480	rBV5	15850	24359	0.48%	0.058%
71	17.939	2504	2508	2514	rBV2	34705	49444	0.98%	0.118%
72	18.116	2535	2538	2542	rVB6	10641	14851	0.29%	0.035%
73	18.328	2571	2574	2579	rBV2	39251	58279	1.16%	0.139%
74	18.434	2590	2592	2596	rBV4	11814	12194	0.24%	0.029%
75	18.610	2618	2622	2626	rBV	40292	56831	1.13%	0.135%
76	18.845	2660	2662	2667	rBV6	14484	19502	0.39%	0.046%

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Title : SVOA CALIBRATION

77	19.051	2694	2697	2701	rBV4	20404	29834	0.59%	0.071%
78	19.210	2721	2724	2729	rBV2	56314	86328	1.71%	0.206%
79	19.369	2748	2751	2756	rBV2	32652	46628	0.92%	0.111%
80	19.434	2758	2762	2770	rVV3	54812	129510	2.57%	0.309%
81	19.792	2816	2823	2833	rBV	3381808	4352934	86.33%	10.378%
82	21.551	3116	3122	3132	rVB	1809961	2586579	51.30%	6.167%
83	23.927	3518	3526	3536	rVB	2458243	5042262	100.00%	12.021%
84	24.092	3546	3554	3565	rVB	1271414	2765065	54.84%	6.592%

Sum of corrected areas: 41944371

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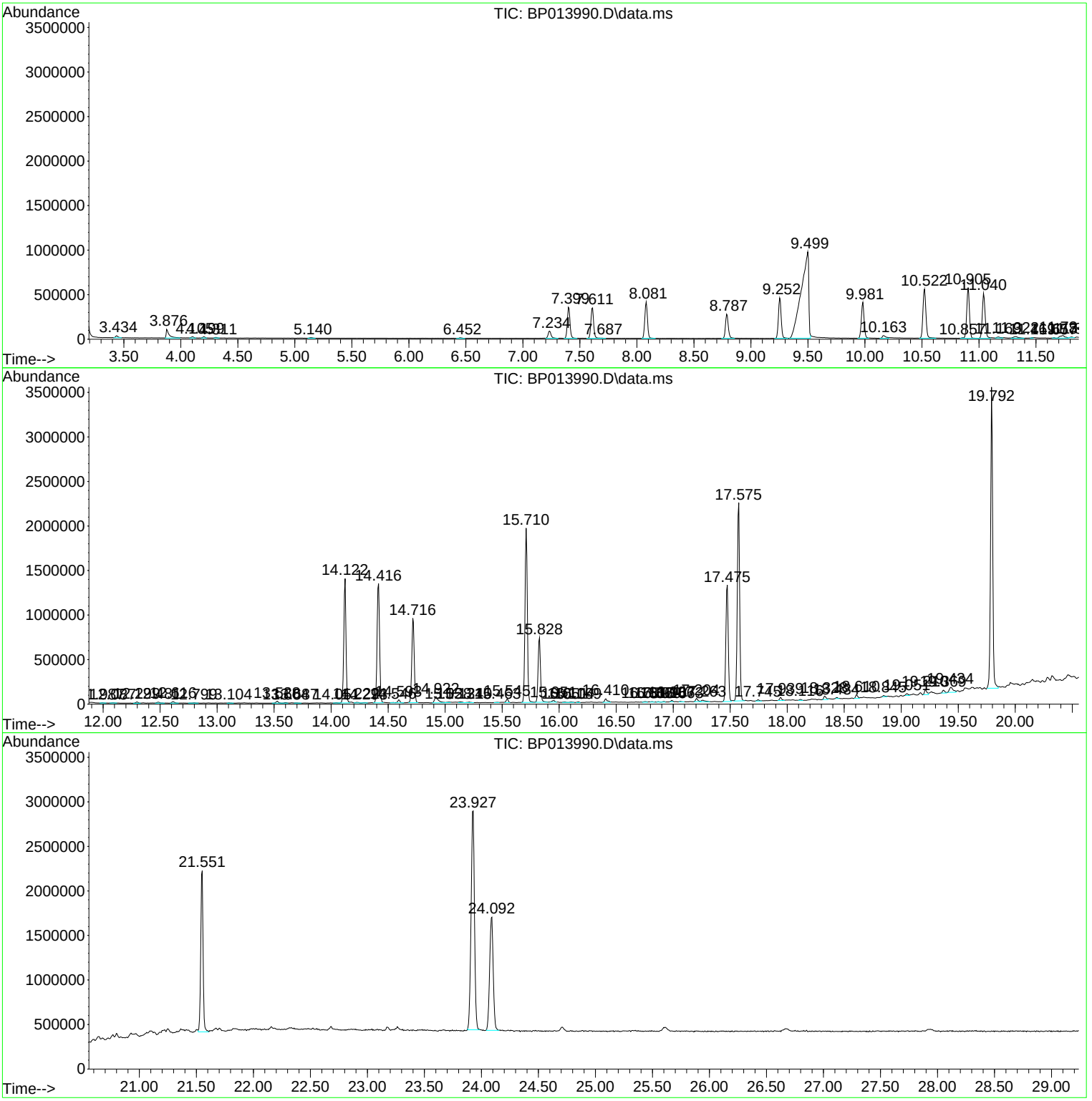
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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



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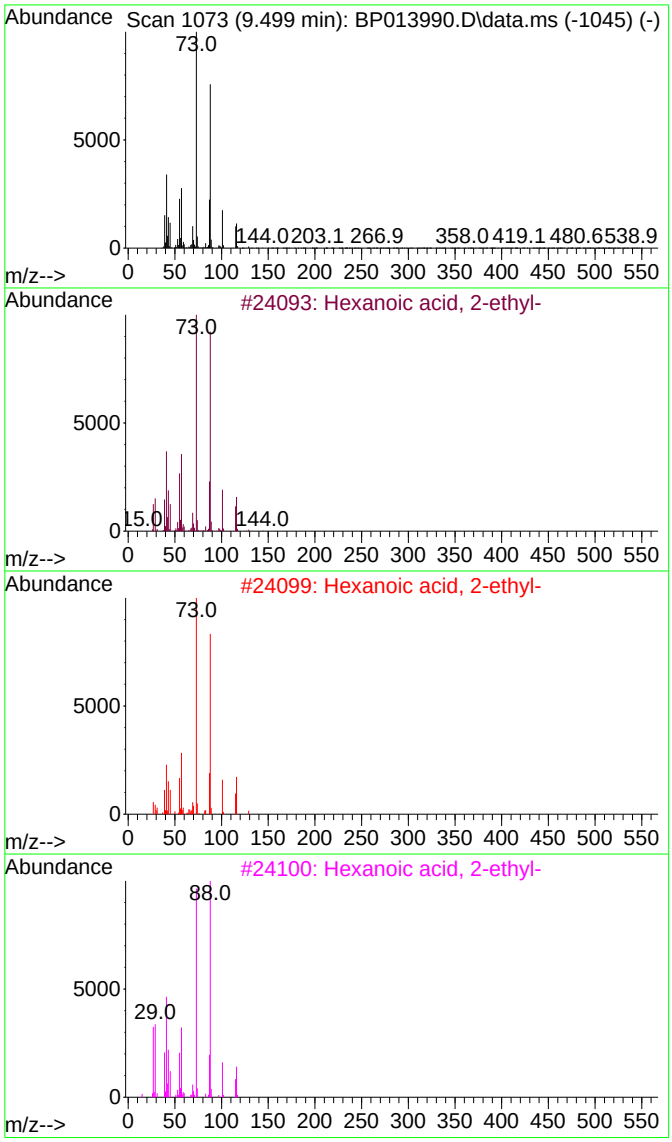
Quant Title : SVOA CALIBRATION

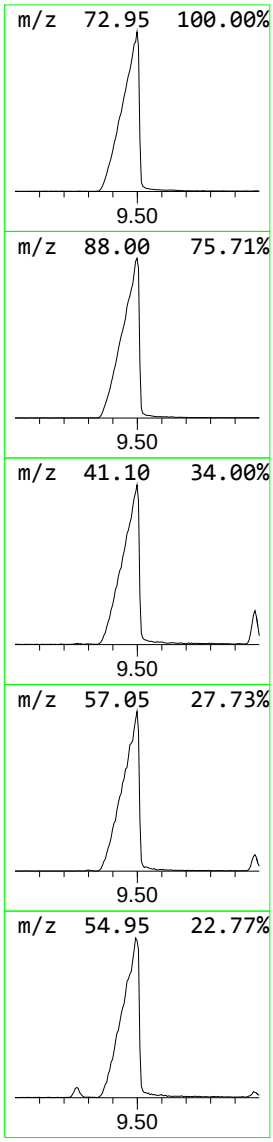
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.499	96.48 ng/ul	4544280	Naphthalene-d8	10.905

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanoic acid, ...	9.499	96.5	ng/ul	4544280	2	10.905	941987	20.0