LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018742.D
Acq On : 11 Dec 2023 23:56
Operator : MA/JU
Sample : 04929-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B64

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018742.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.264	26	30	38	rBV	89006	116875	1.24%	0.141%
2	3.552	77	79	86	rVB3	7753	13611	0.14%	0.016%
3	3.681	97	101	121	rBV	1064115	1589485	16.84%	1.919%
4	4.017	154	158	163	rVB	18103	24366	0.26%	0.029%
5	4.940	312	315	321	rVB6	8358	13911	0.15%	0.017%
6	7.010	660	667	679	rVB	993721	1548547	16.41%	1.870%
7	7.175	689	695	705	rVB	796246	1249889	13.24%	1.509%
8	7.369	720	728	737	rBV	1030540	1607444	17.03%	1.941%
9	7.840	799	808	818	rBV	851985	1349590	14.30%	1.629%
10	8.552	921	929	940	rBV	1638972	2586831	27.41%	3.123%
11	9.004	998	1006	1013	rBV	1176520	1919887	20.34%	2.318%
12	9.169	1030	1034	1038	rVB5	12628	16834	0.18%	0.020%
13	9.422	1071	1077	1083	rVB6	13496	28105	0.30%	0.034%
14	9.722	1119	1128	1142	rBV	932832	1513786	16.04%	1.828%
15	10.257	1210	1219	1232	rBV	1601866	2627219	27.84%	3.172%
16	10.634	1275	1283	1293	rBV	1270368	2101507	22.27%	2.537%
17	10.775	1299	1307	1330	rBV	1462515	2566560	27.20%	3.099%
18	12.063	1521	1526	1531	rVB	13668	19828	0.21%	0.024%
19	12.222	1547	1553	1560	rVB2	29711	47928	0.51%	0.058%
20	12.869	1662	1663	1672	rVB8	6770	12097	0.13%	0.015%
21	13.298	1732	1736	1744	rVV	26785	39150	0.41%	0.047%
22	13.375	1744	1749	1754	rVV3	17364	31828	0.34%	0.038%
23	13.887	1829	1836	1847	rBV	2913626	4007811	42.47%	4.839%
24	14.163	1874	1883	1893	rBV	3395536	4869380	51.60%	5.879%
25	14.375	1916	1919	1924	rVB6	6091	10299	0.11%	0.012%
26	14.469	1927	1935	1944	rBV	2014755	2896143	30.69%	3.497%
27	14.669	1961	1969	1990	rBV	1172032	1902880	20.16%	2.298%
28	14.887	2002	2006	2014	rVB7	23897	42525	0.45%	0.051%
29	15.463	2097	2104	2117	rBV	4557084	6346741	67.25%	7.663%
30	15.581	2118	2124	2137	rVV	1117590	1495297	15.84%	1.805%
31	15.704	2141	2145	2149	rVB2	20235	31418	0.33%	0.038%
32	16.251	2235	2238	2243	rVB7	7257	11934	0.13%	0.014%
33	16.410	2261	2265	2270	rBV8	5299	10170	0.11%	0.012%
34	16.622	2295	2301	2307	rBV9	14618	25645	0.27%	0.031%
35	16.898	2343	2348	2352	rBV8	7463	11069	0.12%	0.013%
36	17.216	2395	2402	2409	rBV	2567119	3612038	38.28%	4.361%

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Title : SVOA CALIBRATION

37	17.316	2413	2419	2429	rVV2	4786935	6934602	73.48%	8.373%
38	17.416	2433	2436	2448	rVB2	25654	48181	0.51%	0.058%
39	17.598	2464	2467	2472	rBV6	6864	10330	0.11%	0.012%
40	17.863	2508	2512	2515	rBV6	15703	23983	0.25%	0.029%
41	17.986	2530	2533	2537	rVB6	9404	12734	0.13%	0.015%
42	18.110	2549	2554	2565	rBV	475432	717926	7.61%	0.867%
43	18.428	2605	2608	2615	rVB5	10778	18289	0.19%	0.022%
44	19.133	2723	2728	2734	rBV2	73210	103322	1.09%	0.125%
45	19.198	2735	2739	2743	rBV	97864	142740	1.51%	0.172%
46	19.345	2760	2764	2772	rBV2	152017	199467	2.11%	0.241%
47	19.557	2794	2800	2806	rBV	6631386	8772644	92.96%	10.592%
48	19.886	2852	2856	2861	rBV	107252	128297	1.36%	0.155%
49	21.027	3045	3050	3061	rBV	404120	801699	8.50%	0.968%
50	21.304	3092	3097	3103	rBV	3382171	4355478	46.15%	5.259%
51	22.951	3374	3377	3383	rVB	171555	229860	2.44%	0.278%
52	23.521	3467	3474	3491	rVB2	4966687	9437047	100.00%	11.394%
53	23.674	3493	3500	3512	rVB	2264772	4587200	48.61%	5.539%

Sum of corrected areas: 82822427

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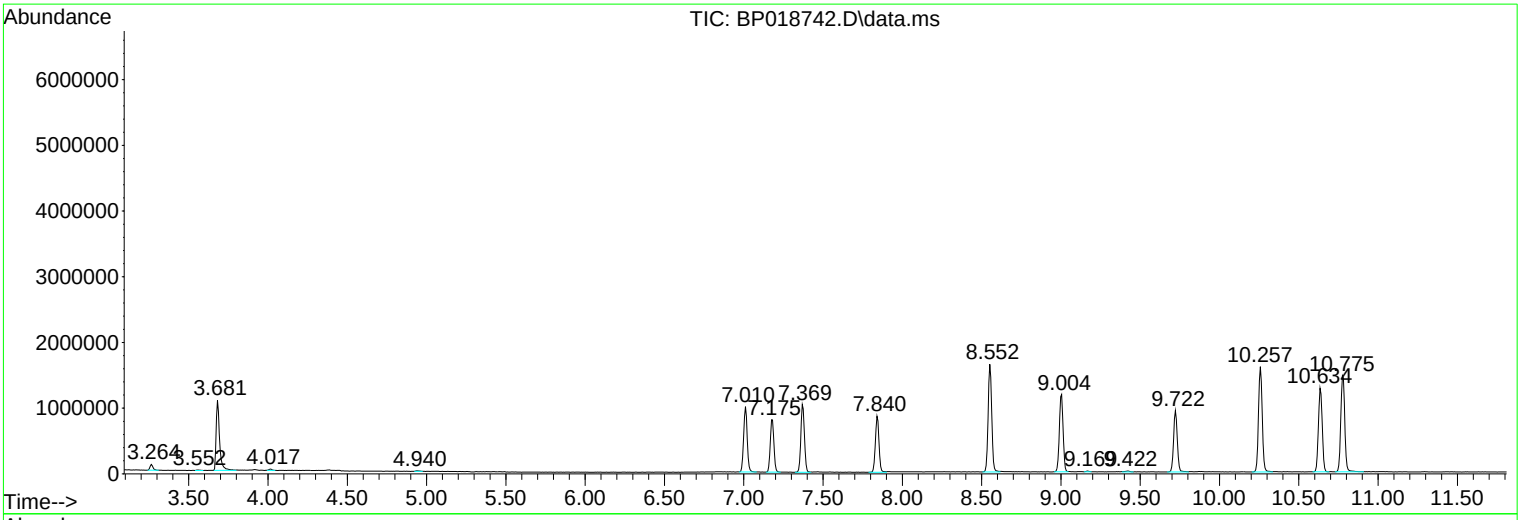
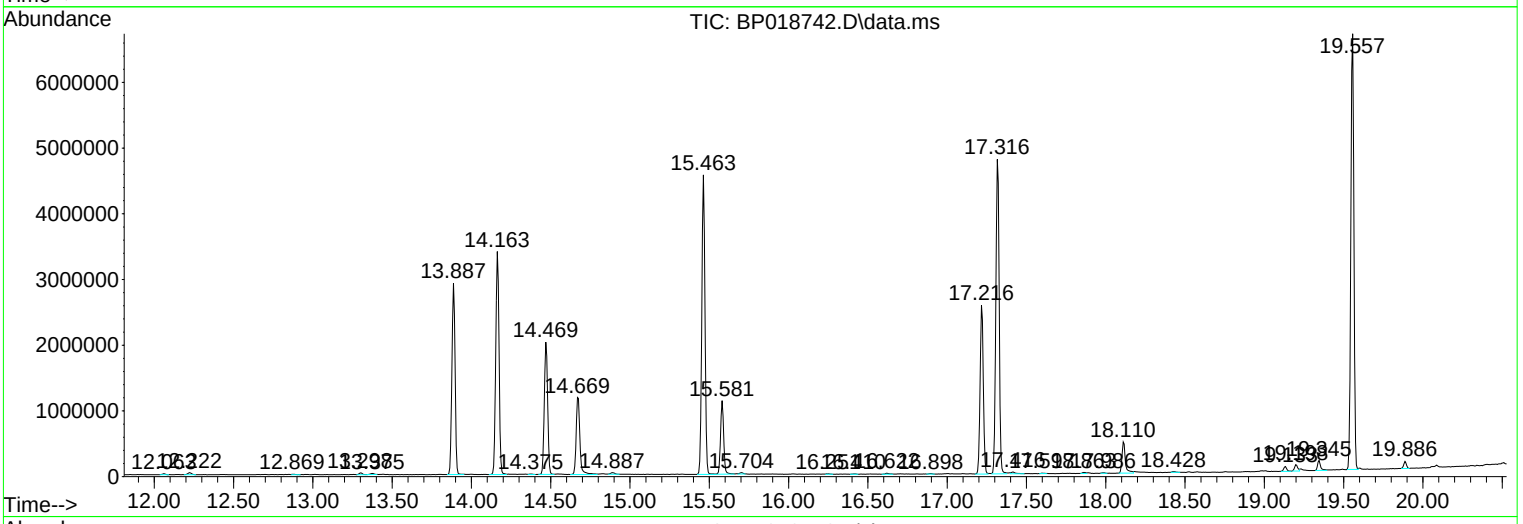
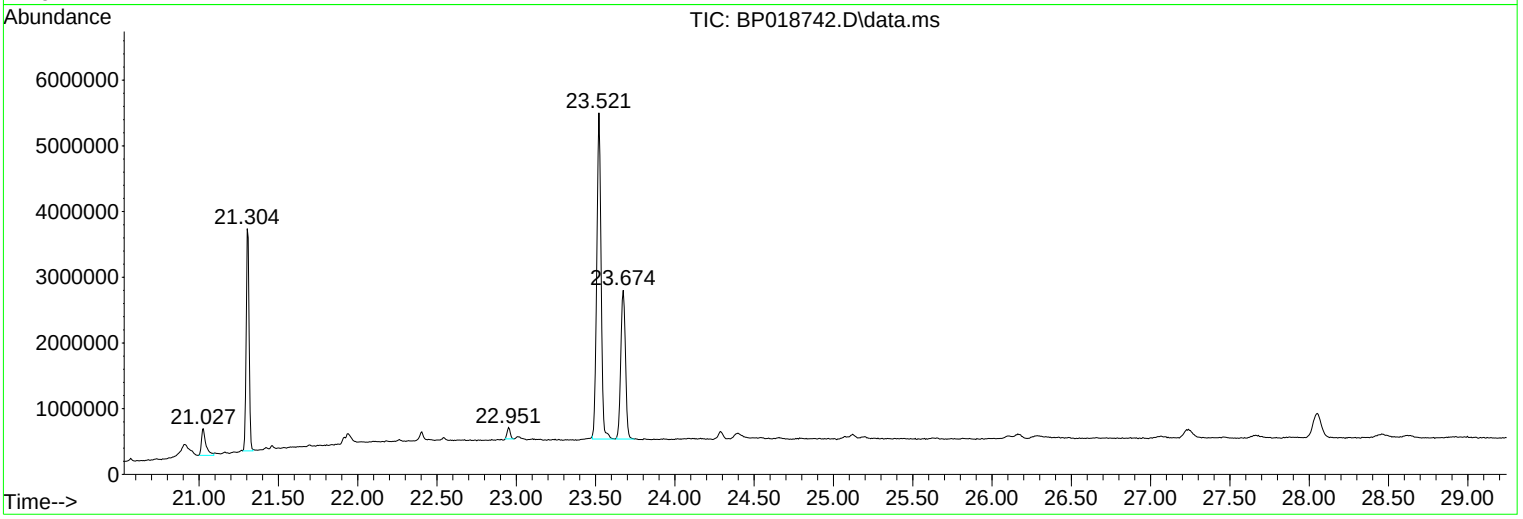
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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







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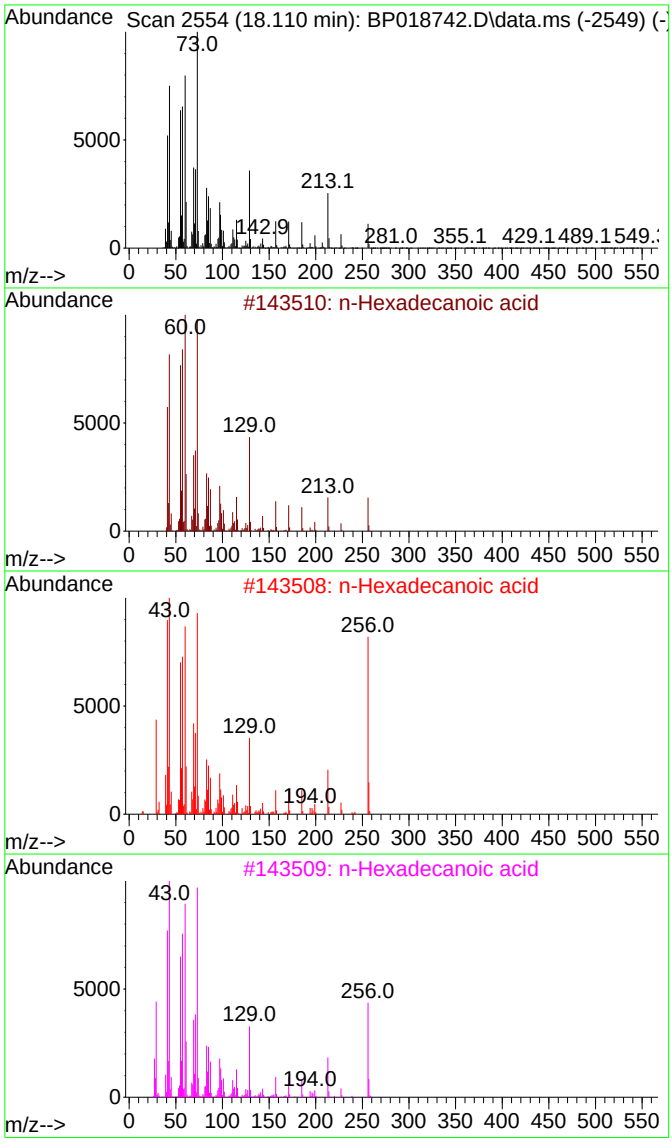
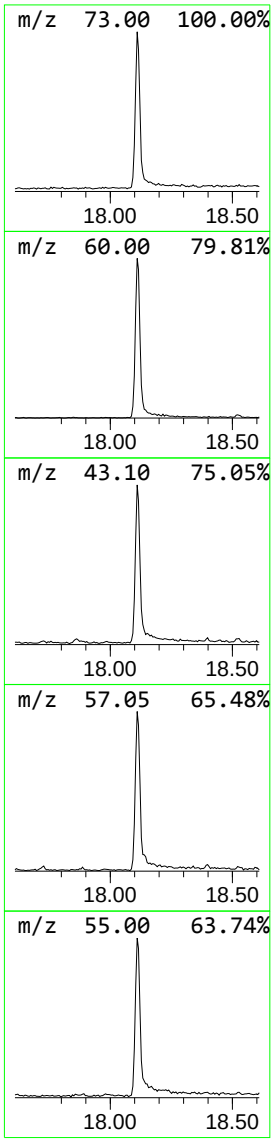
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	3.98 ng/ul	717926	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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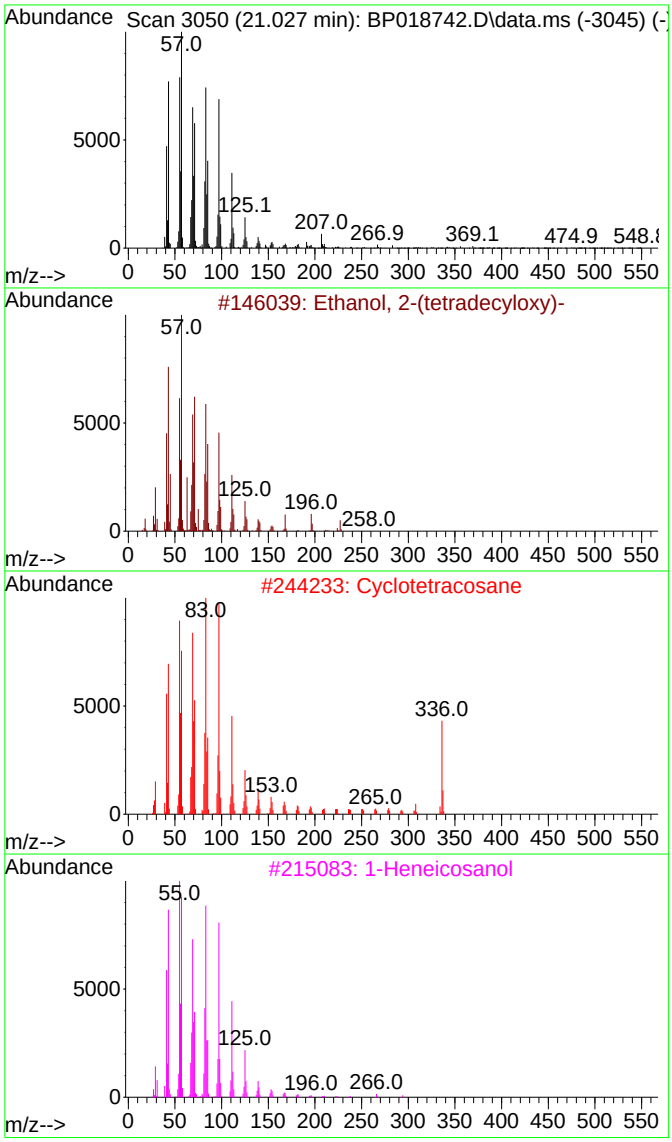
Quant Title : SVOA CALIBRATION

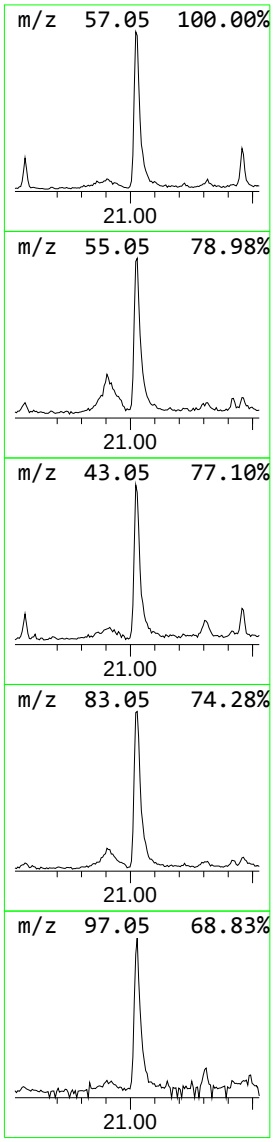
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.027	3.68 ng/ul	801699	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





Tentatively Identified Compound (LSC) summary

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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
n-Hexadecanoic ...	18.110	4.0	ng/ul	717926	4	17.216	3612040	20.0
Ethanol, 2-(tet...	21.027	3.7	ng/ul	801699	5	21.304	4355480	20.0