LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091023\
Data File : BP017102.D
Acq On : 11 Sep 2023 13:39
Operator : MA/JU
Sample : 04268-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0GH1

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-BP091023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017102.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.316	35	39	45	rBV	69392	87938	1.05%	0.119%
2	3.758	110	114	128	rBV	310240	532610	6.36%	0.720%
3	3.946	142	146	152	rVB	46226	64613	0.77%	0.087%
4	4.058	162	165	171	rVB3	14581	23425	0.28%	0.032%
5	4.287	200	204	214	rVB2	27566	42572	0.51%	0.058%
6	4.705	271	275	280	rVB2	19296	27042	0.32%	0.037%
7	5.005	322	326	330	rVB2	7470	10779	0.13%	0.015%
8	5.587	422	425	430	rBV5	8903	14341	0.17%	0.019%
9	6.916	645	651	661	rVB5	7329	20519	0.24%	0.028%
10	7.110	677	684	694	rBV	245092	413470	4.94%	0.559%
11	7.299	710	716	727	rBV	992275	1531249	18.28%	2.070%
12	7.481	739	747	759	rBV	871463	1408877	16.82%	1.904%
13	7.957	821	828	841	rBV	1058450	1655253	19.76%	2.237%
14	8.669	942	949	967	rBV	699973	1149901	13.73%	1.554%
15	9.157	1024	1032	1041	rBV	1173690	1863177	22.24%	2.518%
16	9.269	1047	1051	1059	rVB	4342	9231	0.11%	0.012%
17	9.869	1145	1153	1166	rBV	903624	1469103	17.54%	1.986%
18	10.393	1234	1242	1256	rBV	1244778	2105952	25.14%	2.847%
19	10.787	1300	1309	1318	rBV	1543520	2544935	30.38%	3.440%
20	10.945	1328	1336	1356	rBV	1176118	1966904	23.48%	2.659%
21	11.863	1489	1492	1496	rVB5	6472	8626	0.10%	0.012%
22	12.369	1572	1578	1582	rBV2	21934	34148	0.41%	0.046%
23	13.463	1758	1764	1770	rBV	50489	77783	0.93%	0.105%
24	14.034	1854	1861	1873	rBV	2846240	3819362	45.59%	5.162%
25	14.316	1902	1909	1928	rBV	2925835	4134848	49.36%	5.589%
26	14.616	1951	1960	1977	rBV	2430804	3488095	41.64%	4.715%
27	14.833	1991	1997	2014	rBV	190232	366853	4.38%	0.496%
28	15.016	2021	2028	2032	rBV8	8809	20766	0.25%	0.028%
29	15.051	2032	2034	2043	rVB8	7602	11358	0.14%	0.015%
30	15.616	2121	2130	2143	rBV	3891291	5555927	66.32%	7.510%
31	15.739	2145	2151	2163	rVV	1561445	1989932	23.75%	2.690%
32	15.851	2165	2170	2176	rVB3	17284	32683	0.39%	0.044%
33	16.398	2260	2263	2268	rVB7	5608	9400	0.11%	0.013%
34	17.057	2372	2375	2380	rVB6	6112	9166	0.11%	0.012%
35	17.269	2406	2411	2415	rBV4	10646	14419	0.17%	0.019%
36	17.386	2423	2431	2441	rBV	3080771	4175016	49.84%	5.643%

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Title : SVOA CALIBRATION

37	17.486	2441	2448	2468	rVV2	4695849	6371648	76.06%	8.612%
38	17.686	2479	2482	2486	rVB5	10211	12403	0.15%	0.017%
39	18.016	2534	2538	2543	rBV7	11412	17259	0.21%	0.023%
40	18.227	2569	2574	2586	rBV2	336187	521286	6.22%	0.705%
41	18.751	2661	2663	2668	rBV5	13269	17376	0.21%	0.023%
42	19.298	2752	2756	2760	rBV2	55168	71293	0.85%	0.096%
43	19.369	2763	2768	2775	rVB	65910	108243	1.29%	0.146%
44	19.463	2780	2784	2792	rBV3	140009	192595	2.30%	0.260%
45	19.604	2805	2808	2812	rVB2	40556	46980	0.56%	0.064%
46	19.727	2823	2829	2835	rBV	6830067	8159054	97.39%	11.028%
47	21.168	3069	3074	3088	rBV2	222112	501677	5.99%	0.678%
48	21.486	3123	3128	3134	rBV	3451343	4242463	50.64%	5.734%
49	23.151	3407	3411	3417	rVB	180820	294015	3.51%	0.397%
50	23.851	3520	3530	3544	rVB2	4033290	8377407	100.00%	11.323%
51	24.015	3551	3558	3574	rVB	2128228	4359032	52.03%	5.892%

Sum of corrected areas: 73983004

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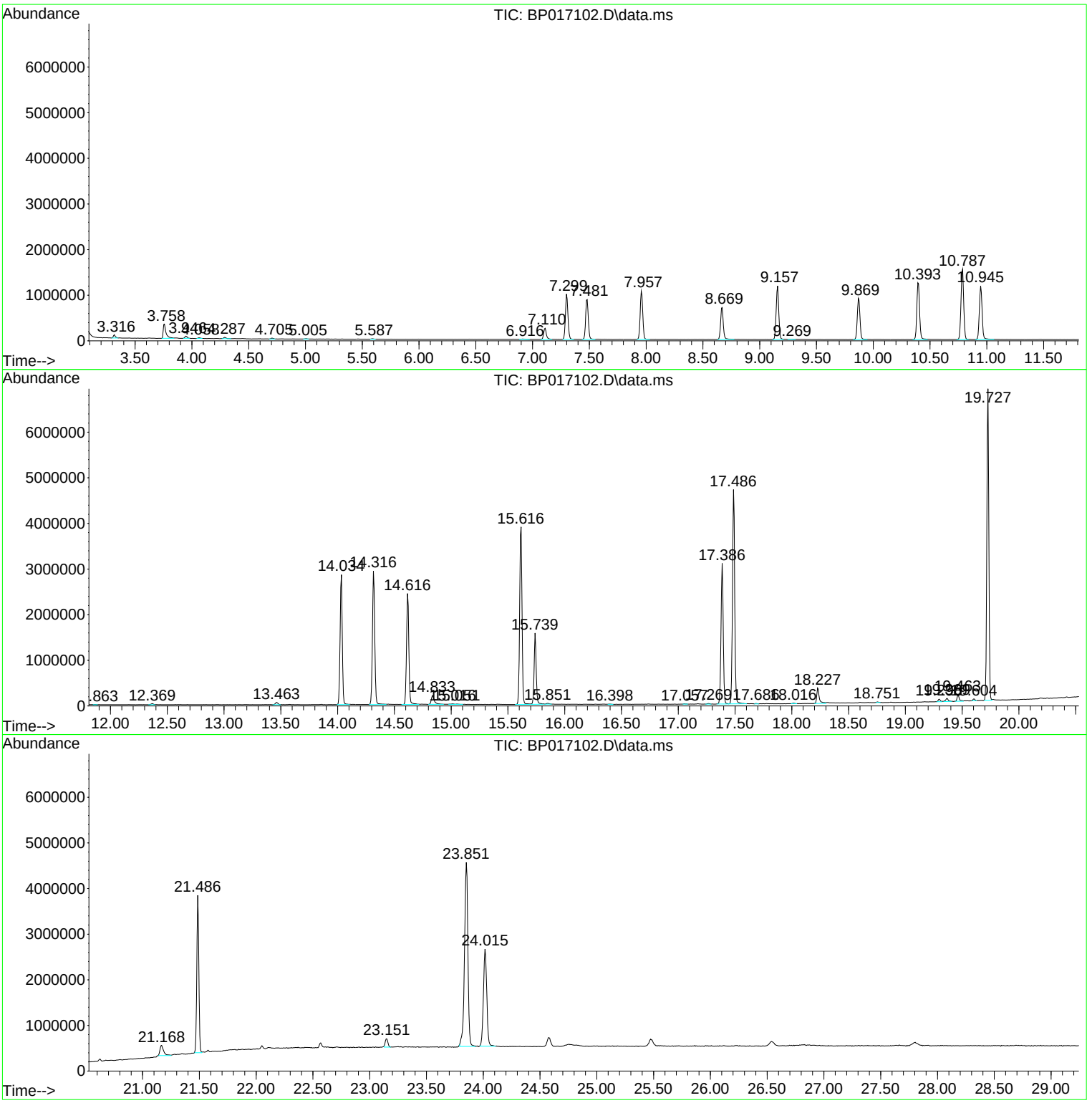
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
Quant Title : SVOA CALIBRATION

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



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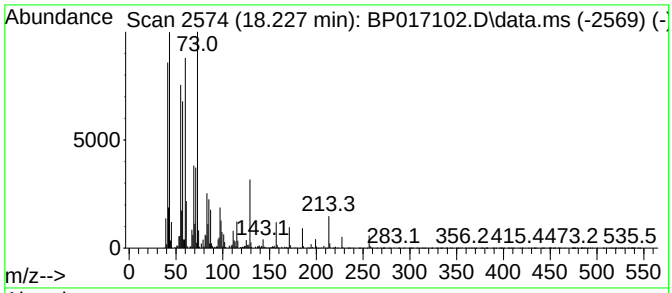
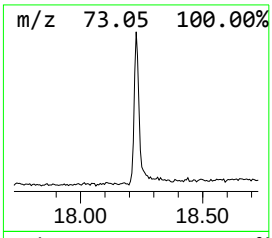
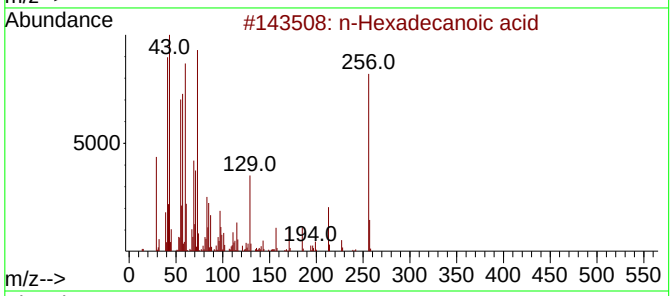
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

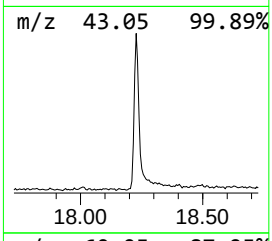
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	2.50 ng/ul	521286	Phenanthrene-d10	17.386

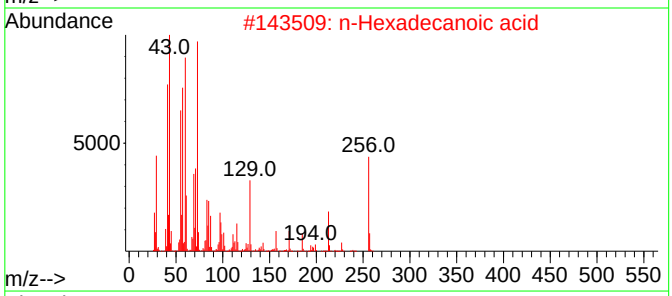
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91

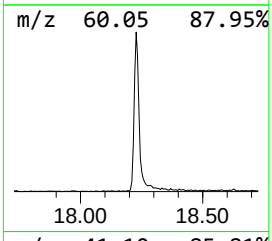


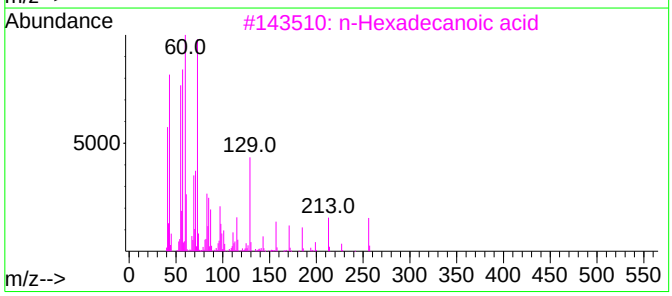


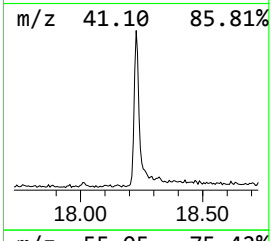


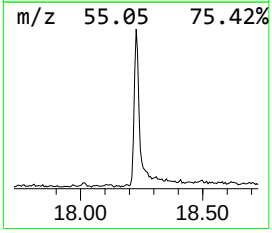












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Quant Title : SVOA CALIBRATION

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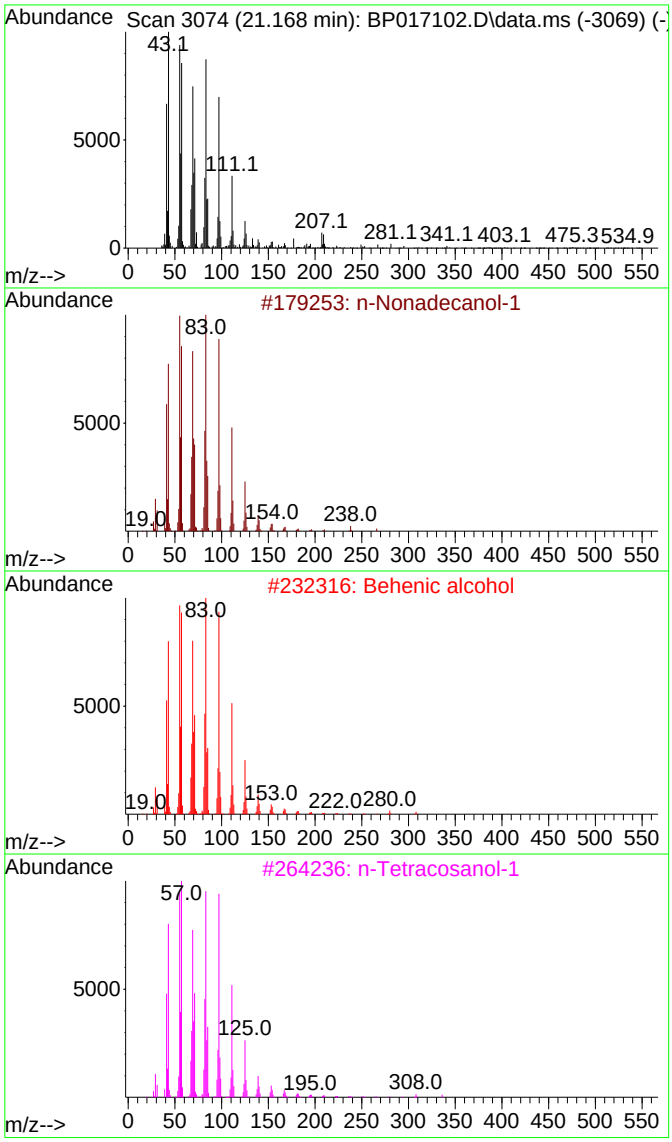
TIC Integration Parameters: LSCINT.P

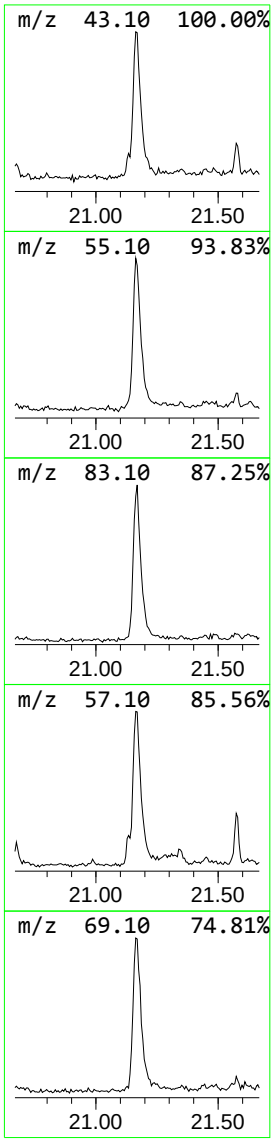
****

Peak Number 2 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.168	2.37 ng/ul	501677	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Docosene	308	C22H44	001599-67-3	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.227	2.5	ng/ul	521286	4	17.386	4175020	20.0
n-Nonadecanol-1	21.168	2.4	ng/ul	501677	5	21.486	4242460	20.0