LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
Data File : BP021344.D
Acq On : 03 Aug 2024 14:39
Operator : CG/JU
Sample : P3278-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1ZR2

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021344.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	27	30	36	rVB	21870	29306	1.03%	0.098%
2	3.475	80	83	93	rBV2	9555	23829	0.84%	0.079%
3	3.587	99	102	123	rBV	202325	399792	14.02%	1.332%
4	3.881	149	152	161	rVB3	9252	15178	0.53%	0.051%
5	4.775	301	304	309	rBV5	6042	9691	0.34%	0.032%
6	5.581	438	441	445	rVB5	2095	3292	0.12%	0.011%
7	6.852	650	657	673	rBV	191230	533151	18.69%	1.776%
8	6.981	673	679	697	rVB	223303	434097	15.22%	1.446%
9	7.175	706	712	730	rBV	298003	575660	20.18%	1.917%
10	7.622	778	788	811	rBV	475928	898271	31.49%	2.992%
11	8.363	907	914	948	rBV	245404	736831	25.83%	2.454%
12	8.793	979	987	1011	rBV	258808	551190	19.32%	1.836%
13	9.116	1034	1042	1051	rVB6	6550	14480	0.51%	0.048%
14	9.363	1078	1084	1092	rBV7	7848	20911	0.73%	0.070%
15	9.504	1100	1108	1127	rBV2	186536	478857	16.79%	1.595%
16	9.969	1184	1187	1192	rVB7	2716	3962	0.14%	0.013%
17	10.063	1195	1203	1223	rBV	183587	649794	22.78%	2.164%
18	10.381	1249	1257	1273	rBV	705621	1253137	43.93%	4.174%
19	10.563	1281	1288	1316	rBV	191921	683273	23.96%	2.276%
20	10.987	1356	1360	1361	rBV4	2270	3590	0.13%	0.012%
21	11.193	1387	1395	1398	rBV3	12594	26364	0.92%	0.088%
22	11.340	1418	1420	1425	rVV5	2670	3440	0.12%	0.011%
23	12.004	1528	1533	1534	rBV5	3980	4287	0.15%	0.014%
24	13.040	1703	1709	1715	rBV7	5029	9636	0.34%	0.032%
25	13.228	1735	1741	1743	rBV7	2327	4338	0.15%	0.014%
26	13.681	1810	1818	1832	rBV	759704	1193834	41.86%	3.976%
27	13.957	1854	1865	1876	rBV	763431	1369529	48.02%	4.561%
28	14.145	1894	1897	1900	rVB5	3860	3980	0.14%	0.013%
29	14.263	1910	1917	1935	rBV	1107180	1790985	62.79%	5.965%
30	14.481	1946	1954	1966	rVB4	29627	87560	3.07%	0.292%
31	14.639	1974	1981	1986	rBV	77713	175119	6.14%	0.583%
32	15.063	2048	2053	2058	rVB9	5895	9402	0.33%	0.031%
33	15.122	2058	2063	2067	rBV6	6590	10327	0.36%	0.034%
34	15.281	2082	2090	2113	rBV	980384	1825832	64.01%	6.081%
35	15.481	2116	2124	2140	rBV2	146577	429939	15.07%	1.432%
36	15.851	2183	2187	2188	rBV3	3299	4904	0.17%	0.016%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

37	15.998	2207	2212	2224	rBV8	9069	21898	0.77%	0.073%
38	16.204	2245	2247	2253	rBV7	2123	3516	0.12%	0.012%
39	16.475	2288	2293	2294	rBV5	4032	5742	0.20%	0.019%
40	16.610	2311	2316	2320	rBV8	5109	11812	0.41%	0.039%
41	16.645	2320	2322	2324	rBV3	2914	3138	0.11%	0.010%
42	16.816	2347	2351	2354	rBV5	5255	8893	0.31%	0.030%
43	16.875	2358	2361	2365	rVB5	6006	9334	0.33%	0.031%
44	16.992	2377	2381	2387	rVB7	10043	15159	0.53%	0.050%
45	17.080	2390	2396	2408	rBV	1452692	2201451	77.18%	7.332%
46	17.186	2408	2414	2429	rVV2	1124198	2005616	70.32%	6.680%
47	17.380	2445	2447	2451	rVB5	6698	5737	0.20%	0.019%
48	17.492	2463	2466	2471	rVB7	6222	7862	0.28%	0.026%
49	17.580	2479	2481	2486	rBV6	3899	5707	0.20%	0.019%
50	17.769	2509	2513	2520	rBV7	10070	18160	0.64%	0.060%
51	18.022	2551	2556	2566	rBV	164724	314331	11.02%	1.047%
52	19.204	2754	2757	2767	rBV6	20079	52875	1.85%	0.176%
53	19.357	2779	2783	2789	rBV4	68125	113672	3.99%	0.379%
54	19.580	2815	2821	2833	rBV	1656069	2574724	90.27%	8.575%
55	21.180	3090	3093	3101	rVB2	168467	273000	9.57%	0.909%
56	21.533	3148	3153	3169	rVB	1438265	2509679	87.99%	8.358%
57	24.598	3666	3674	3693	rVB	903935	2743275	96.18%	9.136%
58	24.833	3707	3714	3727	rVB	970333	2852286	100.00%	9.500%

Sum of corrected areas: 30025635

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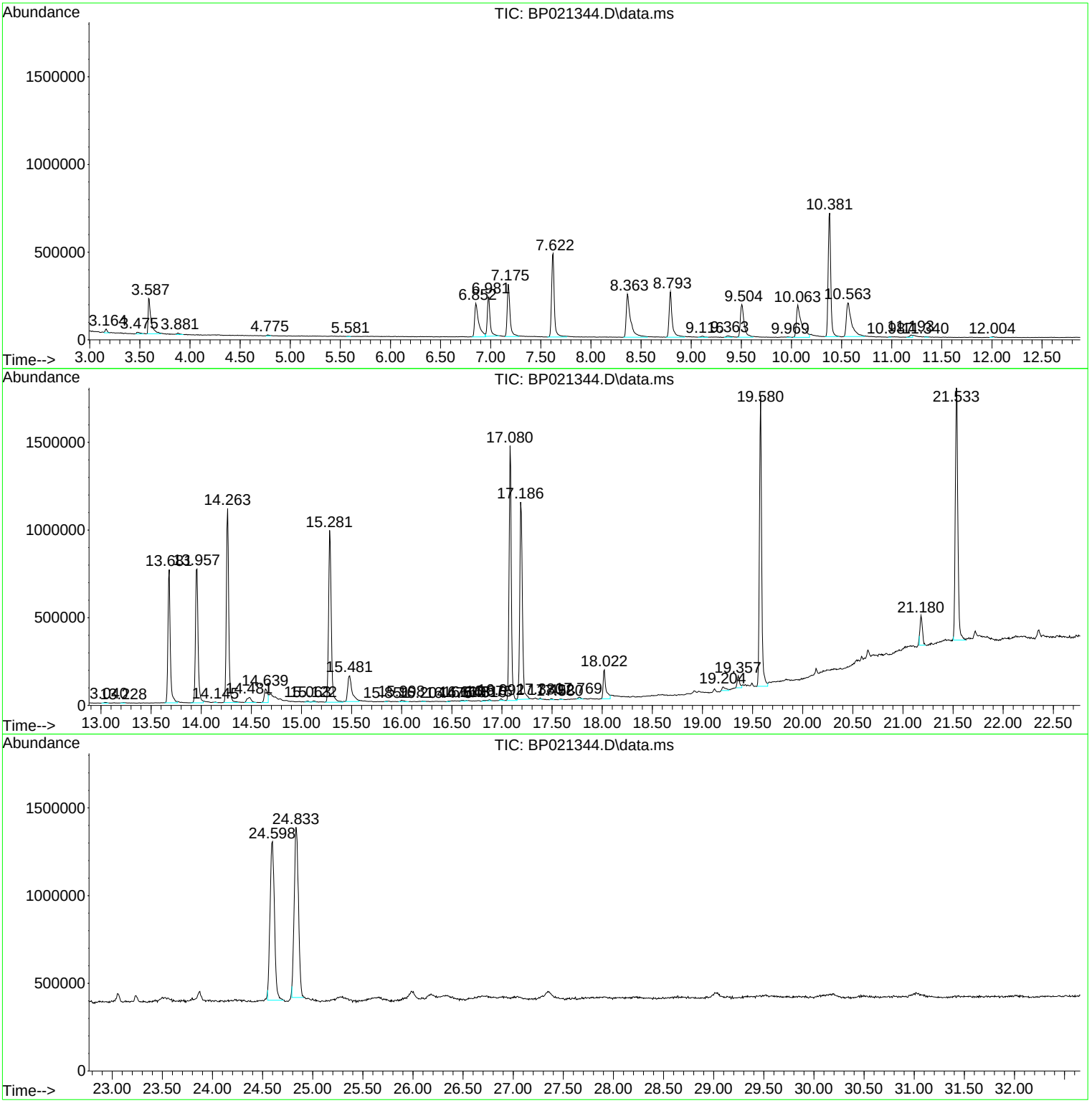
BNA_P
ClientSampleId :
E1ZR2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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



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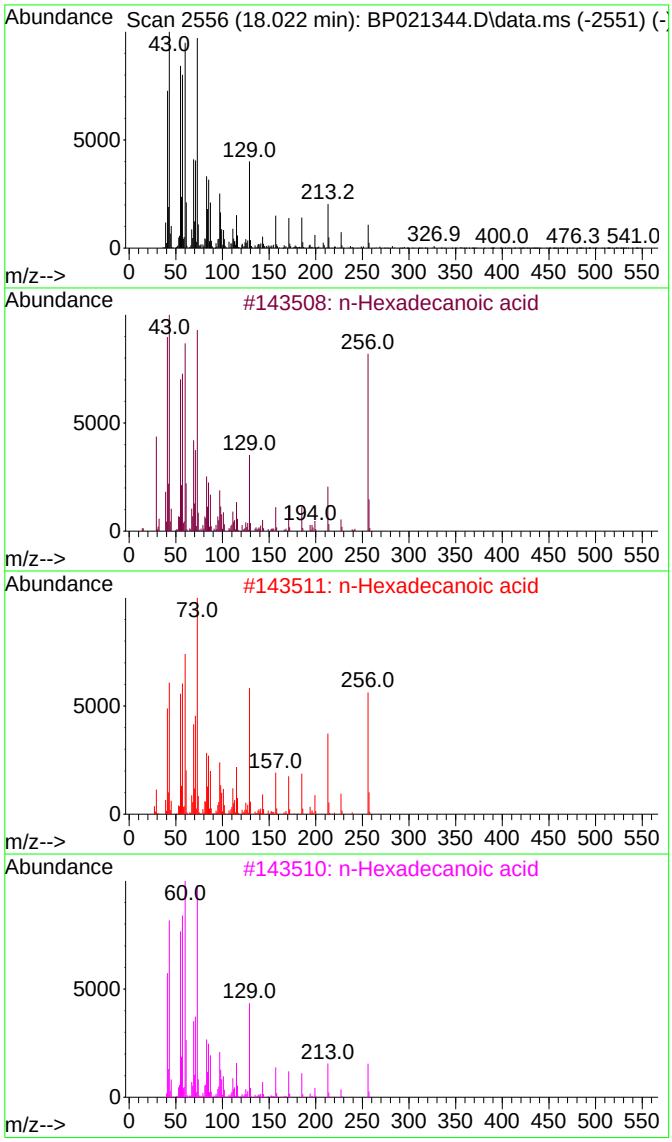
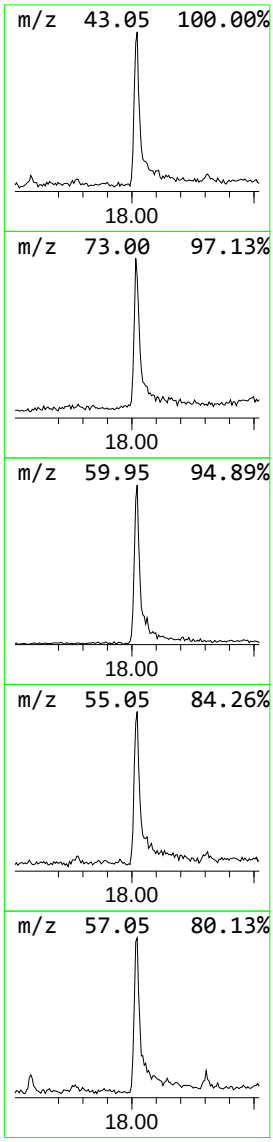
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	2.86 ng/ul	314331	Phenanthrene-d10	17.081

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	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1ZR2

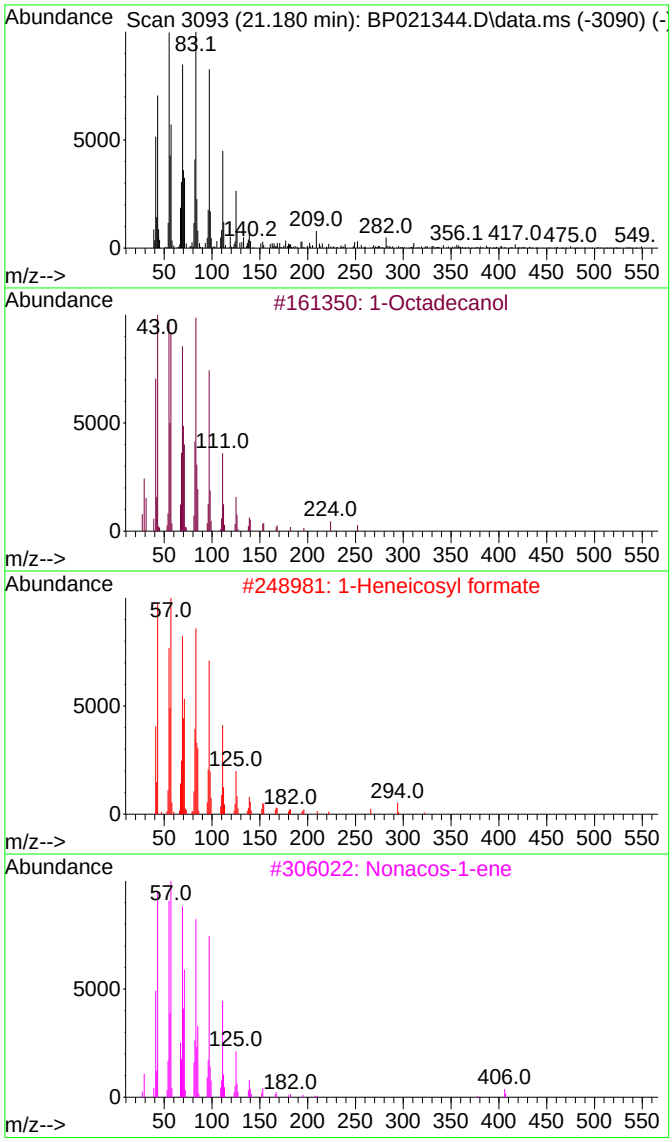
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

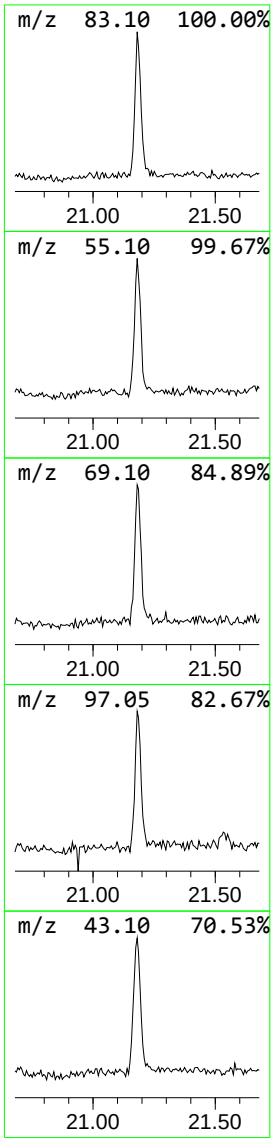
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Octadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	2.18 ng/ul	273000	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3	Nonacos-1-ene	406	C29H58	018835-35-3	87
4	Heptacos-1-ene	378	C27H54	015306-27-1	81
5	1-Hexacosene	364	C26H52	018835-33-1	72





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.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
n-Hexadecanoic ...	18.022	2.9	ng/ul	314331	4	17.081	2201450	20.0
1-Octadecanol	21.180	2.2	ng/ul	273000	5	21.533	2509680	20.0