LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017950.D
Acq On : 08 Nov 2023 06:10
Operator : MA/JU
Sample : 05026-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH326

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-BP110623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.246	23	27	31	rVB	16603	20265	0.58%	0.070%
2	3.358	44	46	51	rVB5	4002	5405	0.15%	0.019%
3	3.687	99	102	114	rBV	48018	87312	2.49%	0.301%
4	3.858	127	131	137	rVB5	9444	15165	0.43%	0.052%
5	3.981	148	152	154	rBV4	4534	5195	0.15%	0.018%
6	4.799	283	291	294	rVB10	2197	4415	0.13%	0.015%
7	4.970	316	320	323	rBV4	3815	5354	0.15%	0.018%
8	7.028	662	670	686	rBV	81279	177152	5.06%	0.610%
9	7.205	694	700	713	rBV	359897	572801	16.37%	1.974%
10	7.381	723	730	743	rBV	355722	609551	17.42%	2.100%
11	7.858	803	811	823	rBV	305368	515055	14.72%	1.775%
12	8.575	927	933	950	rBV	263691	498904	14.25%	1.719%
13	9.058	1008	1015	1023	rBV	493654	819976	23.43%	2.826%
14	9.228	1041	1044	1046	rBV4	3149	3786	0.11%	0.013%
15	9.769	1127	1136	1149	rBV	418335	722886	20.65%	2.491%
16	10.293	1218	1225	1245	rBV	505238	978772	27.96%	3.373%
17	10.669	1282	1289	1297	rBV	431561	714887	20.42%	2.463%
18	10.846	1312	1319	1338	rBV	285439	589605	16.85%	2.032%
19	12.269	1556	1561	1565	rBV5	7514	12516	0.36%	0.043%
20	12.828	1651	1656	1663	rBV10	2547	5681	0.16%	0.020%
21	13.087	1695	1700	1704	rVB8	3732	7045	0.20%	0.024%
22	13.357	1741	1746	1752	rBV5	12816	23168	0.66%	0.080%
23	13.475	1764	1766	1772	rVB7	3042	4318	0.12%	0.015%
24	13.734	1806	1810	1816	rVB5	5863	9212	0.26%	0.032%
25	13.940	1838	1845	1857	rBV	1329237	1789304	51.12%	6.166%
26	14.216	1885	1892	1900	rBV	1278896	1857042	53.06%	6.399%
27	14.516	1935	1943	1952	rBV	671366	956937	27.34%	3.298%
28	14.798	1986	1991	2001	rBV4	27406	85787	2.45%	0.296%
29	15.193	2056	2058	2063	rBV6	2542	3726	0.11%	0.013%
30	15.257	2066	2069	2073	rVV	7895	10968	0.31%	0.038%
31	15.298	2073	2076	2079	rVV5	4476	6438	0.18%	0.022%
32	15.340	2079	2083	2089	rVB	13962	20902	0.60%	0.072%
33	15.516	2106	2113	2126	rBV	1740694	2396527	68.47%	8.258%
34	15.663	2133	2138	2150	rBV	615563	903527	25.81%	3.113%
35	15.757	2150	2154	2157	rVB6	8156	11551	0.33%	0.040%
36	15.898	2171	2178	2187	rVB	37040	55610	1.59%	0.192%

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Title : SVOA CALIBRATION

37	16.140	2215	2219	2222	rBV6	3774	6626	0.19%	0.023%
38	16.392	2258	2262	2266	rVB7	5259	7002	0.20%	0.024%
39	16.463	2269	2274	2280	rVB4	9996	15131	0.43%	0.052%
40	16.645	2302	2305	2309	rBV6	4486	6704	0.19%	0.023%
41	16.857	2337	2341	2342	rBV4	4082	5940	0.17%	0.020%
42	17.292	2408	2415	2423	rBV	858027	1207071	34.49%	4.159%
43	17.392	2426	2432	2449	rVV2	1998207	2811790	80.33%	9.689%
44	17.916	2519	2521	2525	rVB5	5002	5871	0.17%	0.020%
45	18.134	2554	2558	2571	rBV	150911	244522	6.99%	0.843%
46	18.222	2571	2573	2578	rVB2	11769	17754	0.51%	0.061%
47	19.210	2738	2741	2745	rBV2	23531	25563	0.73%	0.088%
48	19.281	2751	2753	2763	rVB	34313	45249	1.29%	0.156%
49	19.375	2765	2769	2777	rBV2	62030	95856	2.74%	0.330%
50	19.510	2789	2792	2797	rBV6	18864	23337	0.67%	0.080%
51	19.639	2808	2814	2822	rBV	2692208	3445818	98.45%	11.874%
52	21.080	3055	3059	3068	rBV3	108563	203595	5.82%	0.702%
53	21.269	3088	3091	3095	rBV	97120	100988	2.89%	0.348%
54	21.410	3110	3115	3124	rBV	1028305	1363602	38.96%	4.699%
55	23.727	3501	3509	3517	rVB2	1772602	3500088	100.00%	12.061%
56	23.886	3530	3536	3546	rVB	669398	1380642	39.45%	4.758%

Sum of corrected areas: 29019894

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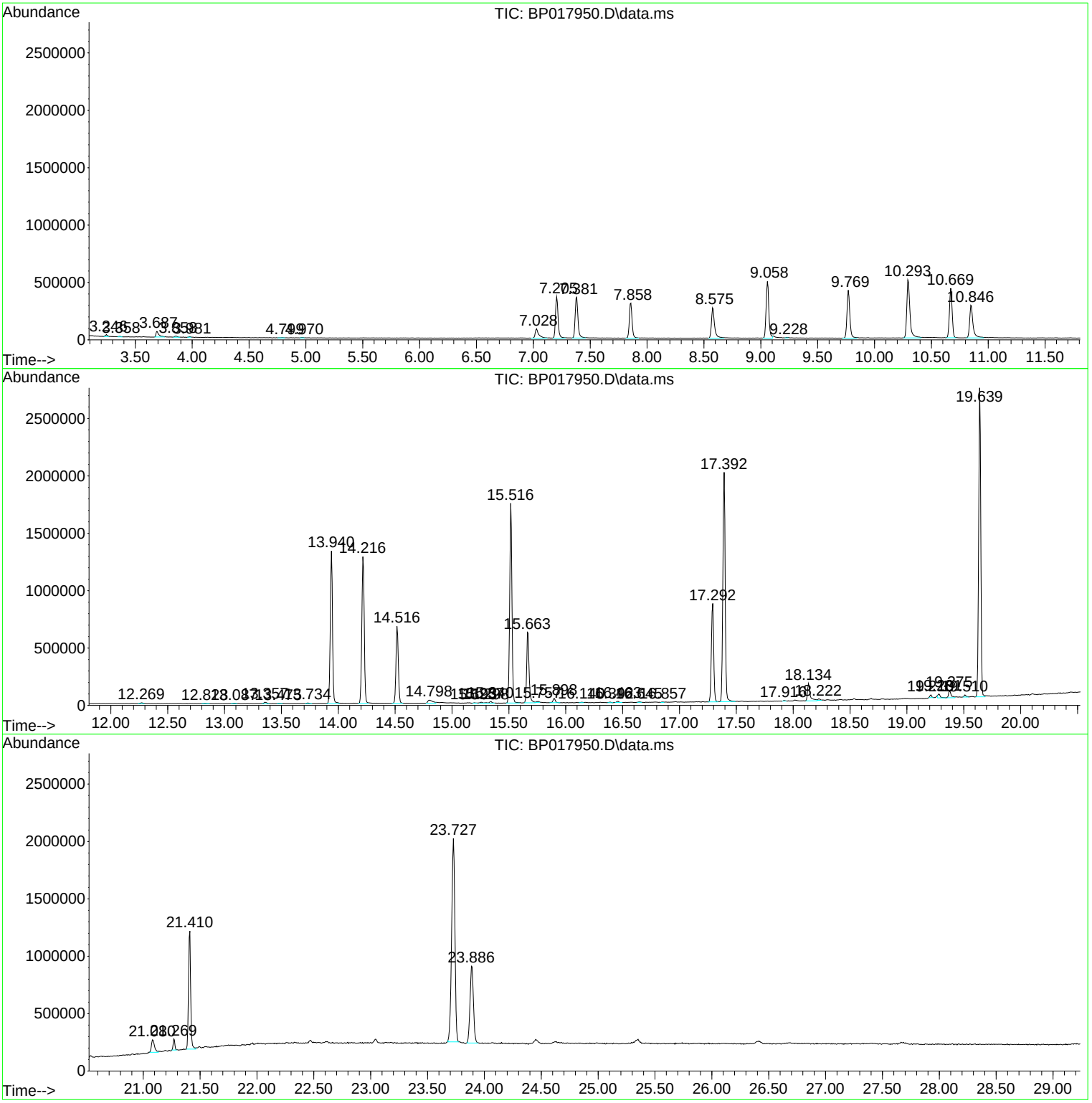
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

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



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TIC Library : C:\DATABASE\NIST20.L
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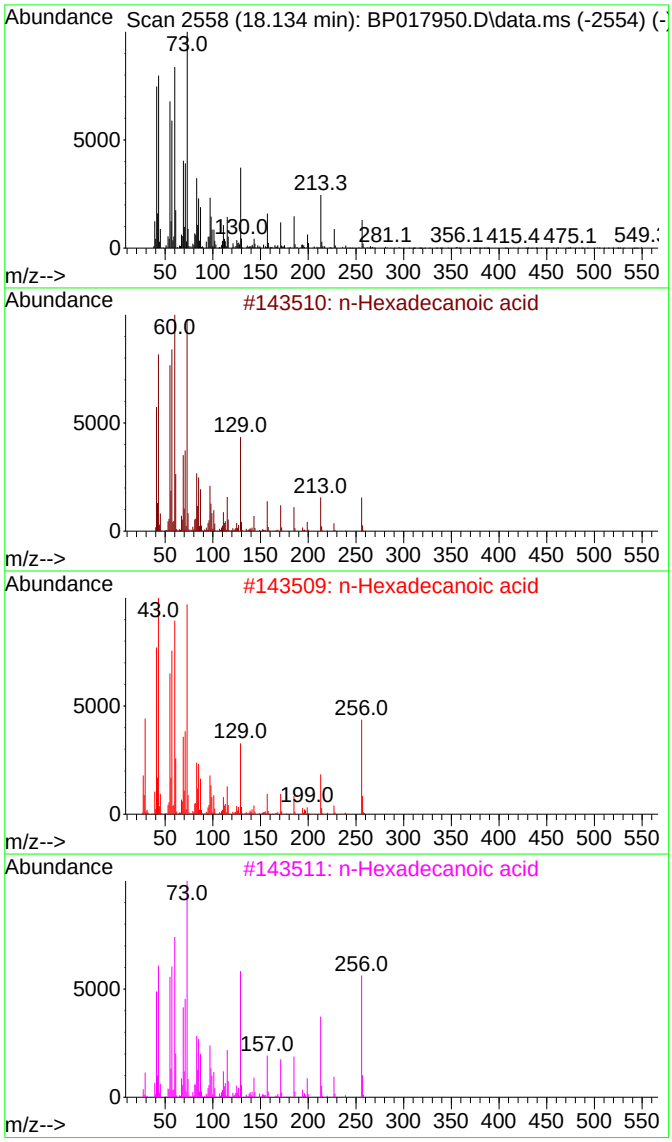
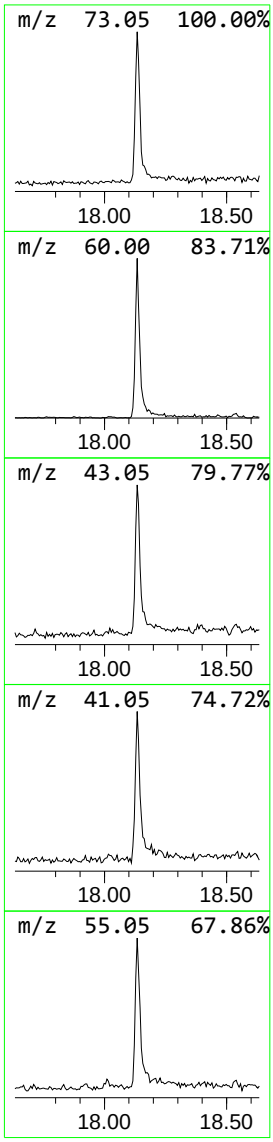
****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	4.05 ng/ul	244522	Phenanthrene-d10	17.292

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	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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Instrument :
BNA_P
ClientSampleId :
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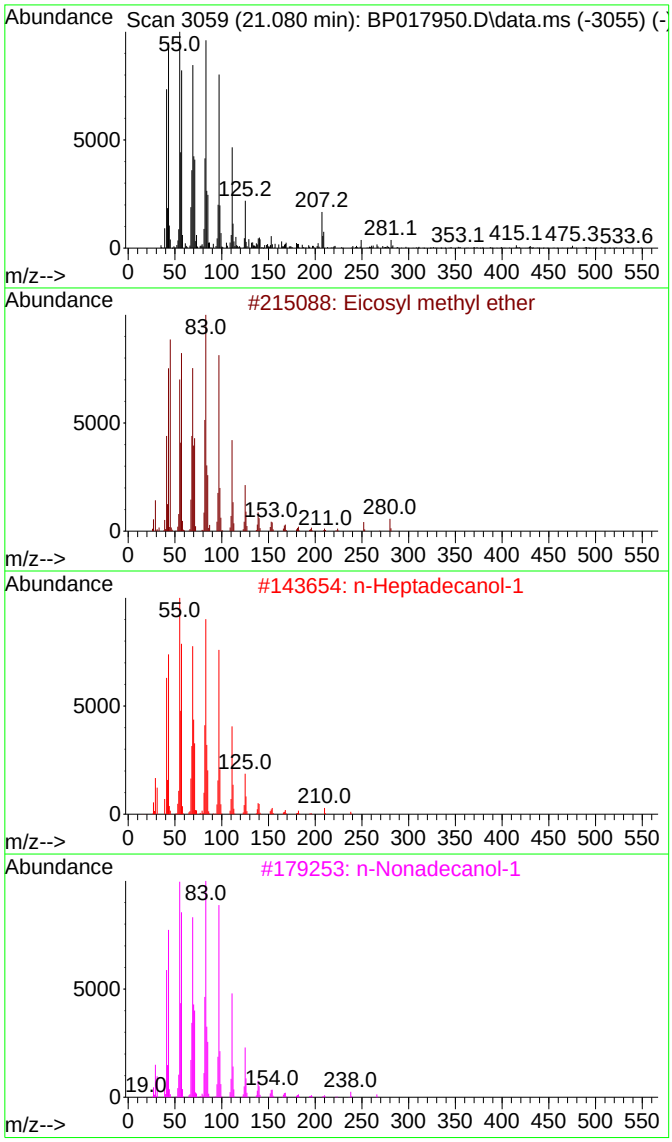
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

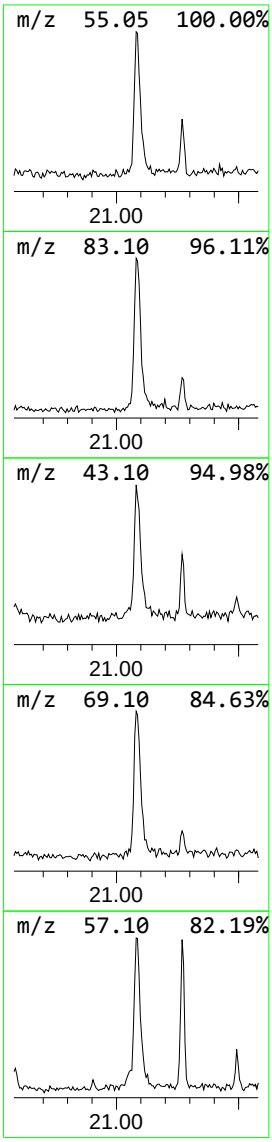
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Eicosyl methyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	2.99 ng/ul	203595	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosyl methyl ether	312	C21H44O	1000406-29-4	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	94





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.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 ...	18.134	4.0	ng/ul	244522	4	17.292	1207070	20.0
Eicosyl methyl ...	21.080	3.0	ng/ul	203595	5	21.410	1363600	20.0