LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020313.D
Acq On : 11 May 2024 07:49
Operator : MA/JU
Sample : P2370-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43Q2

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020313.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.216	19	22	28	rVB	13856	19445	1.00%	0.096%
2	3.622	88	91	115	rVB	104441	220603	11.37%	1.084%
3	3.910	137	140	147	rVB2	5046	7568	0.39%	0.037%
4	5.957	485	488	492	rVB5	1282	1984	0.10%	0.010%
5	6.810	625	633	650	rBV	149047	367535	18.94%	1.806%
6	6.969	654	660	675	rVB	138280	270773	13.95%	1.330%
7	7.157	686	692	712	rVV	200929	385001	19.84%	1.891%
8	7.616	762	770	780	rBV	304910	557835	28.75%	2.741%
9	8.328	883	891	913	rBV	189238	439369	22.64%	2.159%
10	8.781	960	968	988	rBV2	190394	397112	20.46%	1.951%
11	9.122	1021	1026	1033	rVB8	3002	5628	0.29%	0.028%
12	9.387	1065	1071	1078	rBV8	2681	7935	0.41%	0.039%
13	9.492	1081	1089	1109	rVV	173995	347428	17.90%	1.707%
14	10.034	1174	1181	1203	rBV	191845	504497	26.00%	2.479%
15	10.234	1209	1215	1232	rVV6	13234	44366	2.29%	0.218%
16	10.386	1233	1241	1257	rVB	441534	782742	40.34%	3.846%
17	10.551	1262	1269	1299	rBV	165620	470721	24.26%	2.313%
18	11.210	1373	1381	1388	rBV6	5000	16395	0.84%	0.081%
19	11.622	1442	1451	1455	rBV6	1716	4497	0.23%	0.022%
20	12.010	1512	1517	1522	rBV6	4317	10008	0.52%	0.049%
21	13.086	1697	1700	1703	rVV4	1761	2643	0.14%	0.013%
22	13.169	1705	1714	1722	rVV9	6392	14422	0.74%	0.071%
23	13.704	1798	1805	1824	rBV	507341	881990	45.45%	4.333%
24	13.980	1844	1852	1867	rBV	570743	984784	50.75%	4.838%
25	14.192	1883	1888	1891	rBV5	1553	2910	0.15%	0.014%
26	14.292	1895	1905	1919	rBV	622387	1089374	56.14%	5.352%
27	14.516	1936	1943	1944	rBV2	16368	20428	1.05%	0.100%
28	14.533	1944	1946	1950	rVB2	16259	17370	0.90%	0.085%
29	14.586	1950	1955	1963	rBV	86099	215497	11.10%	1.059%
30	15.116	2041	2045	2048	rVB5	2021	2326	0.12%	0.011%
31	15.174	2053	2055	2061	rVB7	1865	2631	0.14%	0.013%
32	15.316	2072	2079	2095	rVV	697201	1262415	65.05%	6.202%
33	15.474	2099	2106	2120	rBV	156085	324438	16.72%	1.594%
34	15.910	2174	2180	2184	rVV9	1829	3319	0.17%	0.016%
35	16.051	2201	2204	2205	rBV4	2412	2194	0.11%	0.011%
36	16.545	2285	2288	2290	rBV3	3641	3752	0.19%	0.018%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

37	16.804	2329	2332	2337	rBV7	1856	3236	0.17%	0.016%
38	16.910	2345	2350	2355	rBV7	3674	9053	0.47%	0.044%
39	17.068	2374	2377	2380	rVV5	1810	2650	0.14%	0.013%
40	17.133	2380	2388	2400	rVV	833643	1384921	71.37%	6.804%
41	17.239	2400	2406	2421	rVV2	819308	1399535	72.12%	6.876%
42	17.345	2421	2424	2429	rVV6	5240	9194	0.47%	0.045%
43	17.392	2429	2432	2436	rVB6	3463	6547	0.34%	0.032%
44	17.568	2457	2462	2464	rBV6	4119	6748	0.35%	0.033%
45	17.792	2496	2500	2502	rBV5	2361	3150	0.16%	0.015%
46	17.816	2502	2504	2505	rBV2	2569	2116	0.11%	0.010%
47	17.857	2508	2511	2516	rVB7	3299	5229	0.27%	0.026%
48	18.086	2544	2550	2562	rBV2	162455	315948	16.28%	1.552%
49	18.539	2624	2627	2631	rVB6	5990	9194	0.47%	0.045%
50	19.180	2732	2736	2741	rBV4	15503	22547	1.16%	0.111%
51	19.292	2751	2755	2762	rVB	14825	26247	1.35%	0.129%
52	19.433	2775	2779	2788	rBV3	68572	109611	5.65%	0.539%
53	19.627	2806	2812	2825	rBV	1028299	1789190	92.20%	8.790%
54	21.304	3093	3097	3104	rBV2	182850	290256	14.96%	1.426%
55	21.621	3145	3151	3161	rBV2	886135	1636241	84.32%	8.039%
56	24.756	3675	3684	3705	rVB	667506	1940561	100.00%	9.534%
57	24.986	3714	3723	3735	rVB	580126	1690290	87.10%	8.304%

Sum of corrected areas: 20354399

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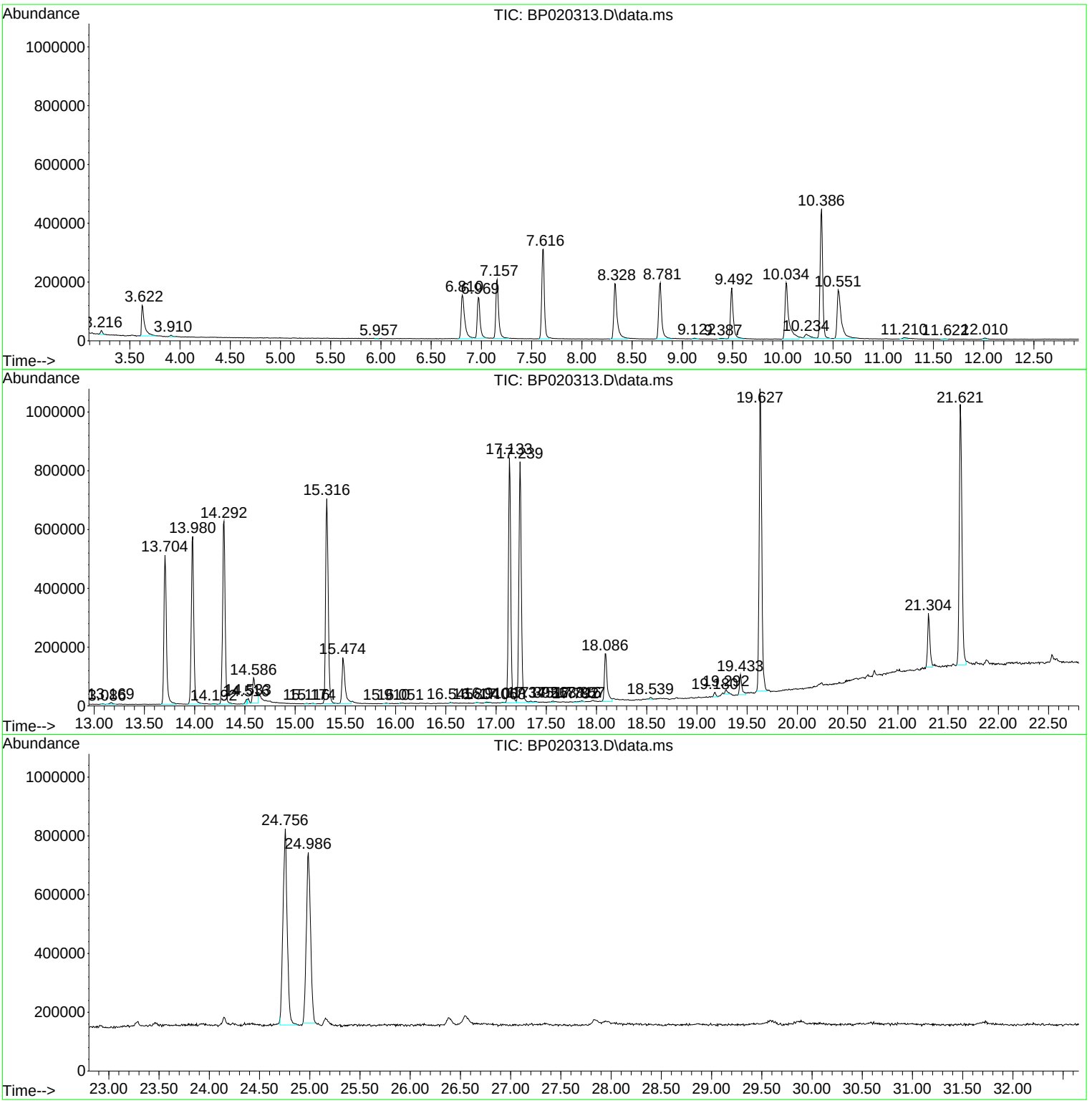
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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



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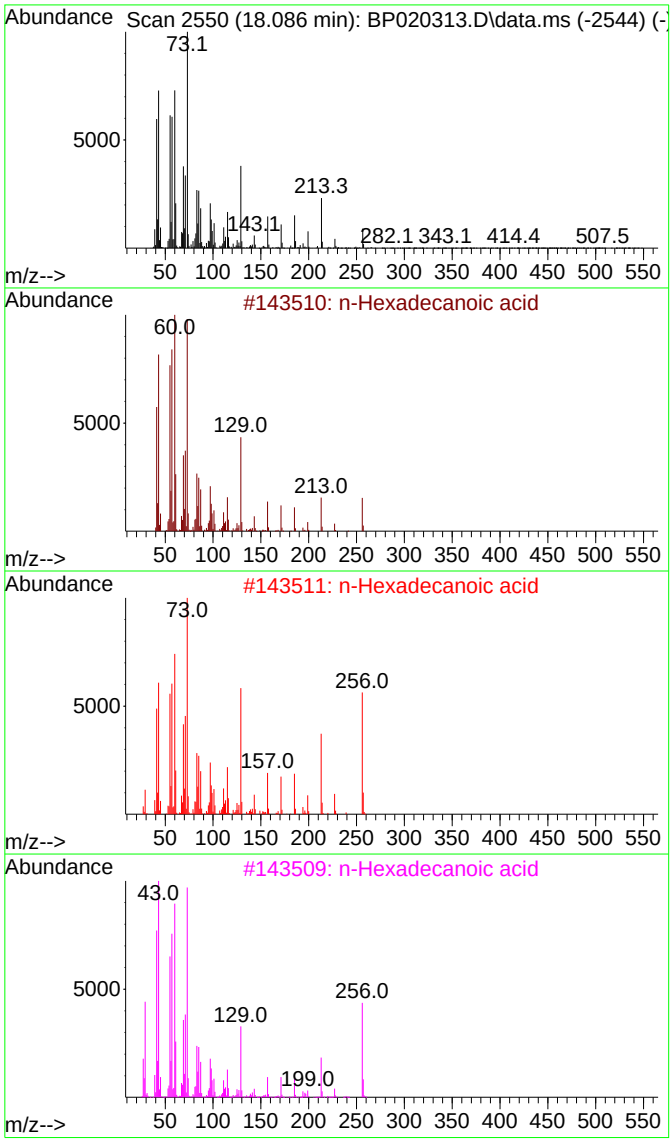
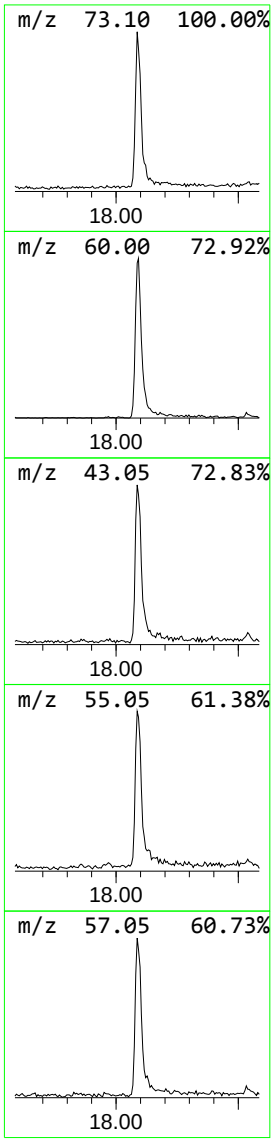
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	4.56 ng/ul	315948	Phenanthrene-d10	17.133

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	96
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q2

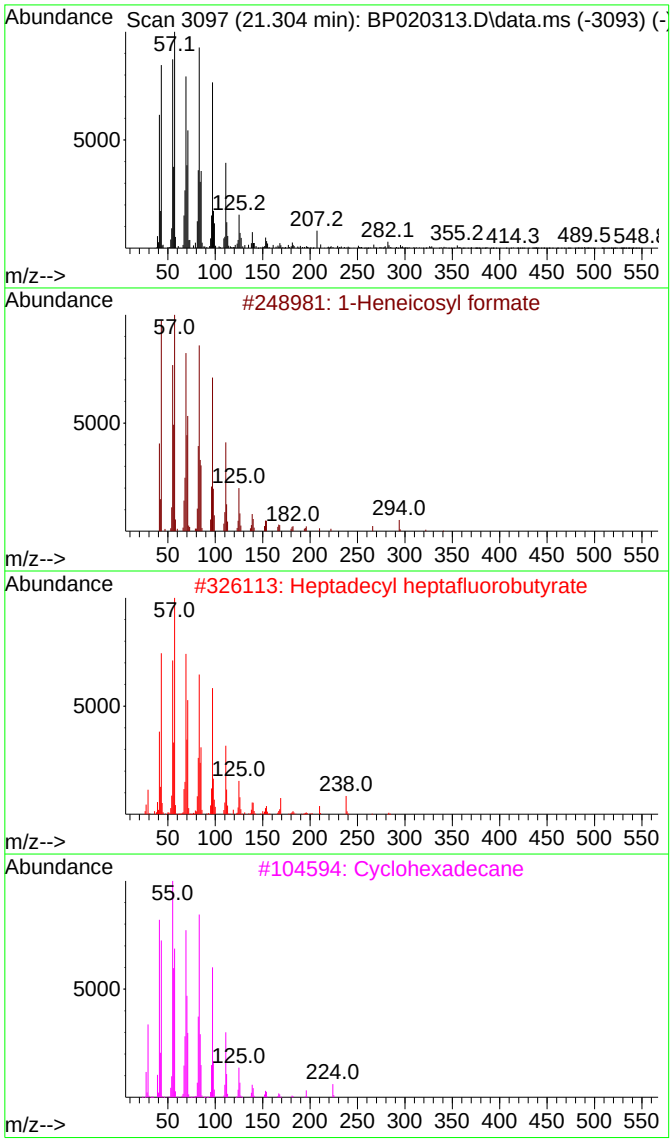
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

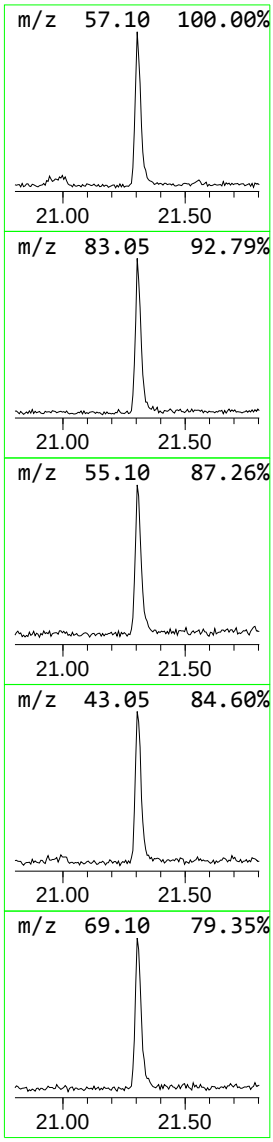
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.304	3.55 ng/ul	290256	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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 ...	18.086	4.6	ng/ul	315948	4	17.133	1384920	20.0
1-Heneicosyl fo...	21.304	3.5	ng/ul	290256	5	21.621	1636240	20.0