LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011224\
Data File : BP019353.D
Acq On : 13 Jan 2024 04:53
Operator : MA/JU
Sample : P1091-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AW8

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-BP010824.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019353.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	18	22	30	rVB	26816	40266	0.62%	0.081%
2	3.640	90	94	111	rBV	190571	306910	4.74%	0.620%
3	3.858	127	131	135	rBV5	8747	15934	0.25%	0.032%
4	3.958	144	148	157	rVB3	8126	16418	0.25%	0.033%
5	6.811	629	633	642	rVB3	6828	13031	0.20%	0.026%
6	6.964	654	659	670	rVB	110927	187728	2.90%	0.379%
7	7.117	679	685	698	rVB	564978	875831	13.52%	1.769%
8	7.311	712	718	730	rBV	469049	740891	11.44%	1.496%
9	7.775	790	797	807	rBV	512843	801312	12.37%	1.618%
10	8.505	914	921	935	rBV	361191	603725	9.32%	1.219%
11	8.946	987	996	1011	rBV	729695	1220196	18.83%	2.464%
12	9.334	1057	1062	1070	rVB8	7633	14683	0.23%	0.030%
13	9.663	1109	1118	1130	rBV	579055	961667	14.84%	1.942%
14	9.934	1161	1164	1171	rBV8	3458	7255	0.11%	0.015%
15	10.205	1200	1210	1226	rBV	795269	1375933	21.24%	2.779%
16	10.569	1265	1272	1284	rBV	700995	1154738	17.82%	2.332%
17	10.722	1291	1298	1317	rBV	746056	1335530	20.61%	2.697%
18	11.405	1407	1414	1421	rBV	4598	14658	0.23%	0.030%
19	11.828	1481	1486	1491	rVB6	4254	7594	0.12%	0.015%
20	11.993	1509	1514	1520	rVB8	6551	10702	0.17%	0.022%
21	12.169	1538	1544	1551	rBV2	13918	26994	0.42%	0.055%
22	13.240	1722	1726	1731	rVB	12906	15712	0.24%	0.032%
23	13.322	1734	1740	1745	rBV2	25863	38650	0.60%	0.078%
24	13.840	1821	1828	1840	rBV	2031696	2822248	43.56%	5.700%
25	14.116	1867	1875	1888	rBV	2054388	3104857	47.92%	6.271%
26	14.316	1902	1909	1917	rVB	4408	10932	0.17%	0.022%
27	14.422	1918	1927	1935	rBV	1183831	1747857	26.98%	3.530%
28	14.669	1962	1969	1985	rBV2	103064	224970	3.47%	0.454%
29	14.993	2017	2024	2029	rBV2	32290	88382	1.36%	0.179%
30	15.181	2052	2056	2061	rVB	24878	32739	0.51%	0.066%
31	15.416	2089	2096	2104	rBV	2873948	4165745	64.30%	8.413%
32	15.481	2104	2107	2111	rVB6	6466	8700	0.13%	0.018%
33	15.557	2114	2120	2133	rBV	1030144	1442160	22.26%	2.913%
34	15.657	2133	2137	2142	rVB	12530	19747	0.30%	0.040%
35	16.198	2227	2229	2236	rVB6	10842	15227	0.24%	0.031%
36	16.263	2236	2240	2245	rBV	10502	18304	0.28%	0.037%

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Instrument :
BNA_P
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C0AW8

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-BP010824.MA.M
Title : SVOA CALIBRATION

37	16.381	2256	2260	2264	rBV5	6897	9571	0.15%	0.019%
38	16.581	2290	2294	2301	rBV7	18089	31148	0.48%	0.063%
39	16.645	2302	2305	2309	rBV3	11611	16474	0.25%	0.033%
40	16.775	2323	2327	2332	rVB2	26323	35067	0.54%	0.071%
41	17.181	2389	2396	2403	rBV	1533513	2159083	33.33%	4.361%
42	17.281	2406	2413	2423	rBV	3490785	4831913	74.58%	9.759%
43	18.075	2543	2548	2553	rBV	227620	306193	4.73%	0.618%
44	19.104	2719	2723	2730	rVB2	57881	80768	1.25%	0.163%
45	19.169	2731	2734	2738	rBV	44548	58989	0.91%	0.119%
46	19.310	2755	2758	2764	rVB	84048	103676	1.60%	0.209%
47	19.528	2789	2795	2805	rVB	5207449	6441903	99.43%	13.010%
48	20.992	3040	3044	3051	rBV2	191008	289178	4.46%	0.584%
49	21.286	3088	3094	3103	rBV	1995169	2647164	40.86%	5.346%
50	23.492	3461	3469	3481	rVB	3262024	6478707	100.00%	13.085%
51	23.639	3487	3494	3505	rVB	1306715	2535196	39.13%	5.120%

Sum of corrected areas: 49513256

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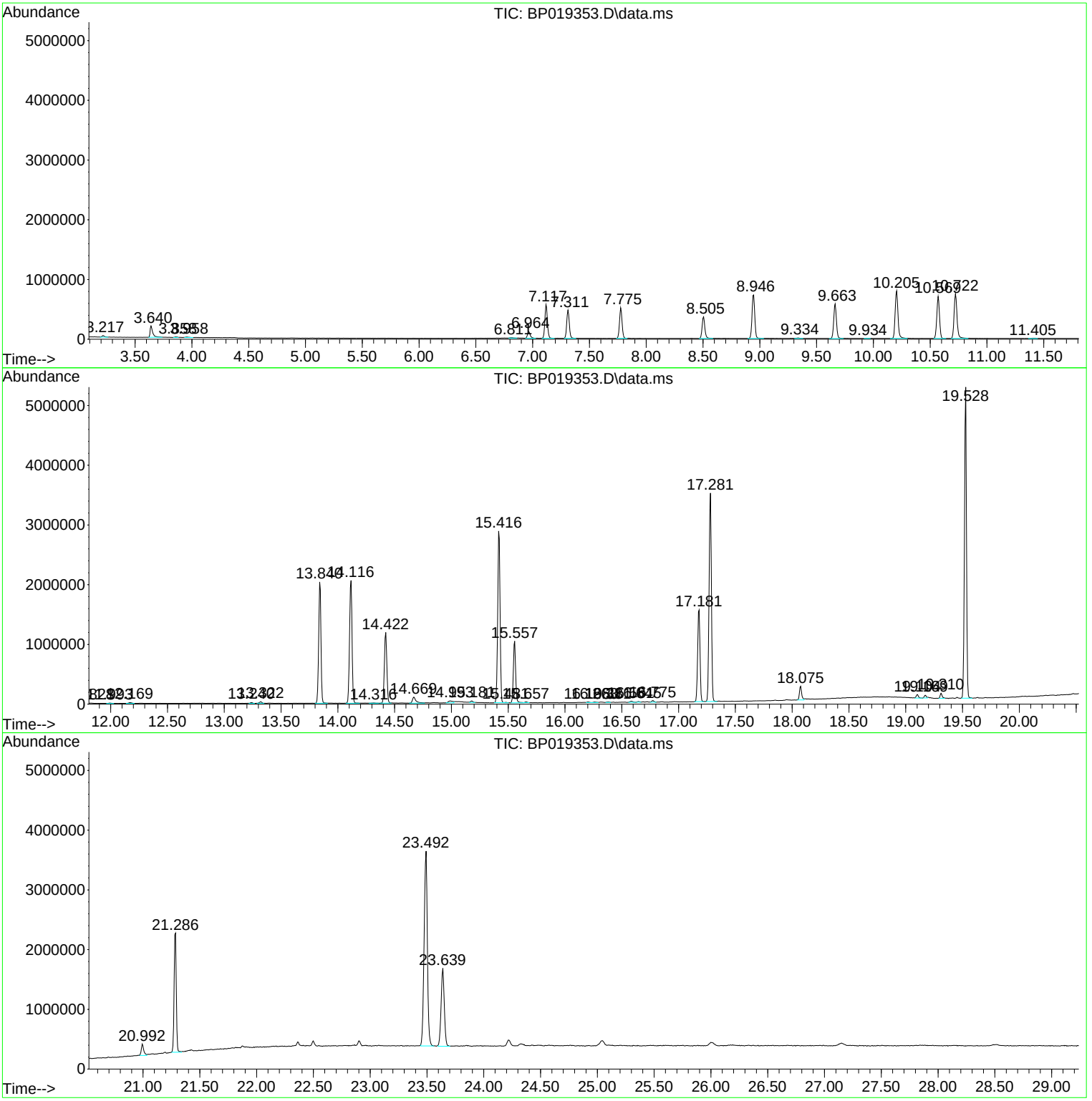
Instrument :
BNA_P
ClientSampleId :
C0AW8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

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



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ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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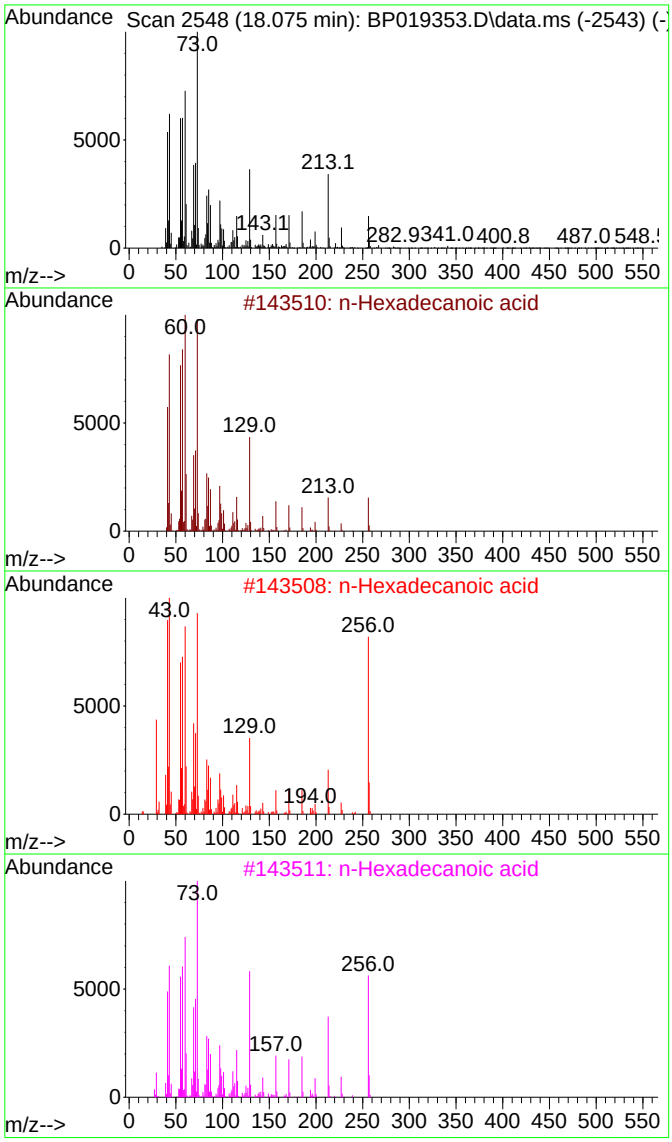
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

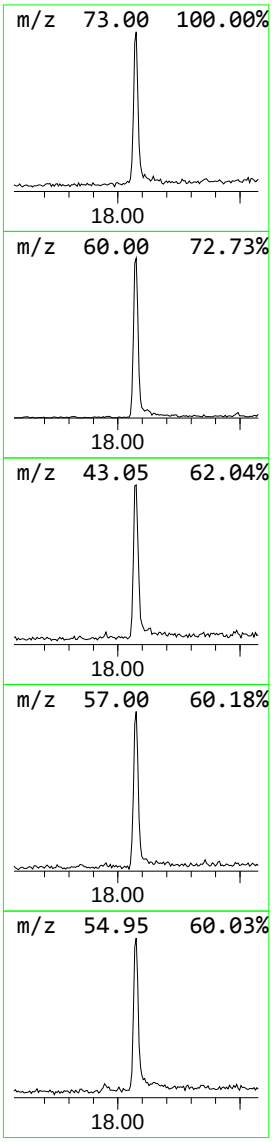
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	2.84 ng/ul	306193	Phenanthrene-d10	17.181

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	96
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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Instrument :
BNA_P
ClientSampleId :
C0AW8

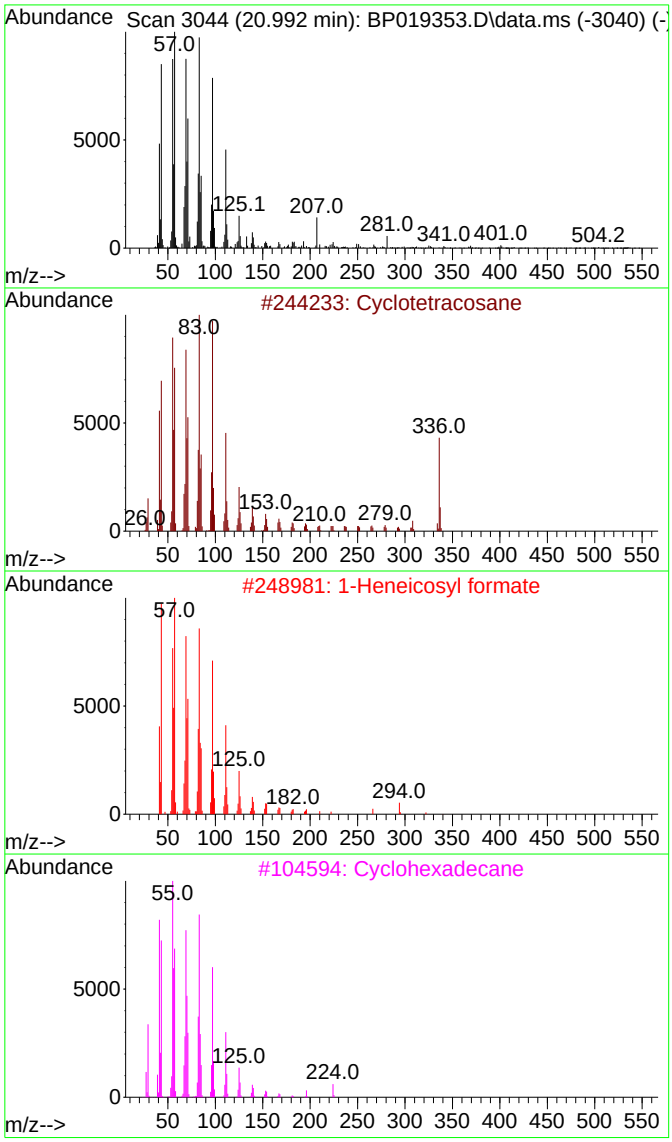
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

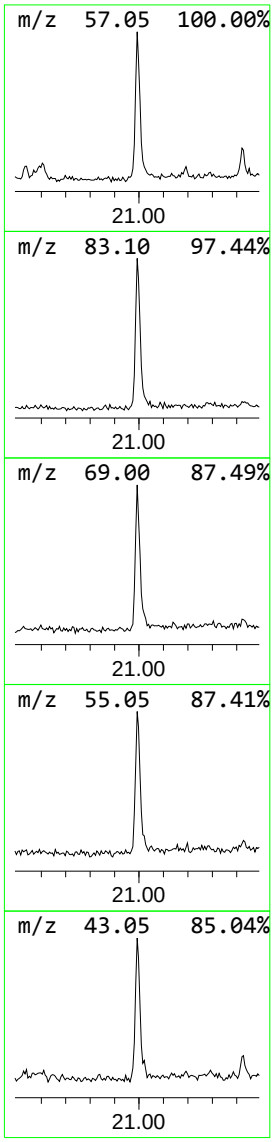
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic20.992 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	2.18 ng/ul	289178	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	Cyclohexadecane	224	C16H32	000295-65-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.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 ...	18.075	2.8	ng/ul	306193	4	17.181	2159080	20.0
(DEL) Alkane: C...	20.992	2.2	ng/ul	289178	5	21.286	2647160	20.0