LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017560.D
Acq On : 05 Oct 2023 11:57
Operator : MA/JU
Sample : 04679-25
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2(20230928)

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-BP100423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.287	31	34	37	rBV	15788	15742	0.48%	0.060%
2	3.322	37	40	43	rVB3	8597	8830	0.27%	0.033%
3	3.728	106	109	122	rBV	126225	203912	6.27%	0.771%
4	4.028	158	160	167	rVB4	11578	16377	0.50%	0.062%
5	4.552	243	249	254	rBV7	9266	15790	0.49%	0.060%
6	5.399	392	393	398	rBV5	2878	4511	0.14%	0.017%
7	5.575	418	423	425	rBV5	3081	4671	0.14%	0.018%
8	6.099	511	512	516	rVB3	3072	3276	0.10%	0.012%
9	7.099	677	682	693	rBV	69426	123841	3.81%	0.468%
10	7.281	704	713	725	rBV	334573	526892	16.21%	1.992%
11	7.458	736	743	754	rBV	307779	504943	15.54%	1.909%
12	7.558	755	760	765	rVB4	6493	11918	0.37%	0.045%
13	7.810	799	803	805	rBV5	2494	3690	0.11%	0.014%
14	7.940	818	825	838	rVB	333653	561002	17.26%	2.121%
15	8.199	865	869	871	rBV5	2885	3928	0.12%	0.015%
16	8.657	940	947	964	rBV	218635	386976	11.91%	1.463%
17	9.146	1023	1030	1044	rBV	395020	659494	20.29%	2.494%
18	9.257	1047	1049	1053	rVV4	4307	5526	0.17%	0.021%
19	9.334	1060	1062	1067	rVB6	6107	9888	0.30%	0.037%
20	9.863	1144	1152	1163	rBV	315445	525059	16.16%	1.985%
21	10.393	1233	1242	1256	rBV	440403	787806	24.24%	2.979%
22	10.622	1276	1281	1287	rVB5	8058	11853	0.36%	0.045%
23	10.775	1299	1307	1313	rBV	475080	774807	23.84%	2.929%
24	10.946	1328	1336	1352	rBV	435454	767087	23.60%	2.900%
25	11.140	1367	1369	1376	rVB8	3085	5962	0.18%	0.023%
26	11.804	1476	1482	1497	rBV5	24823	75243	2.32%	0.284%
27	11.904	1497	1499	1505	rVB7	2689	4237	0.13%	0.016%
28	12.369	1574	1578	1582	rBV5	8885	13926	0.43%	0.053%
29	13.381	1746	1750	1753	rVB6	3631	5047	0.16%	0.019%
30	13.469	1760	1765	1772	rVB3	15279	25661	0.79%	0.097%
31	13.740	1808	1811	1817	rVB8	1980	3976	0.12%	0.015%
32	13.810	1820	1823	1825	rVV3	2951	3437	0.11%	0.013%
33	13.851	1827	1830	1836	rVB8	3362	6141	0.19%	0.023%
34	14.045	1857	1863	1872	rBV	1015131	1339024	41.20%	5.063%
35	14.251	1892	1898	1899	rBV5	3861	4039	0.12%	0.015%
36	14.328	1904	1911	1924	rBV	1039357	1525164	46.93%	5.767%

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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Title : SVOA CALIBRATION

37	14.634	1956	1963	1971	rBV	694654	1034882	31.84%	3.913%
38	14.892	2001	2007	2021	rBV2	35238	92397	2.84%	0.349%
39	15.016	2026	2028	2037	rVB10	9632	17860	0.55%	0.068%
40	15.375	2084	2089	2093	rBV	10793	15264	0.47%	0.058%
41	15.416	2095	2096	2101	rVB5	3350	3916	0.12%	0.015%
42	15.634	2126	2133	2144	rBV	1459768	2035254	62.62%	7.695%
43	15.775	2151	2157	2168	rBV	359259	515548	15.86%	1.949%
44	15.875	2171	2174	2179	rVB6	8892	12776	0.39%	0.048%
45	16.434	2266	2269	2272	rVB5	3416	5037	0.15%	0.019%
46	16.486	2272	2278	2281	rBV8	4679	9365	0.29%	0.035%
47	16.769	2319	2326	2333	rVB8	5780	13711	0.42%	0.052%
48	16.998	2362	2365	2367	rVB4	3049	3265	0.10%	0.012%
49	17.086	2374	2380	2381	rBV6	4134	5676	0.17%	0.021%
50	17.210	2398	2401	2407	rVB8	4099	5163	0.16%	0.020%
51	17.422	2430	2437	2446	rBV	941008	1313295	40.41%	4.965%
52	17.522	2448	2454	2468	rVV	1704040	2341260	72.04%	8.852%
53	18.045	2541	2543	2547	rVB4	7594	7341	0.23%	0.028%
54	18.269	2576	2581	2592	rBV	180021	270830	8.33%	1.024%
55	18.810	2671	2673	2677	rBV4	6029	7997	0.25%	0.030%
56	19.345	2760	2764	2767	rBV4	19580	25692	0.79%	0.097%
57	19.510	2789	2792	2800	rBV2	65328	90370	2.78%	0.342%
58	19.775	2832	2837	2844	rBV	2394465	2951062	90.80%	11.158%
59	21.210	3077	3081	3090	rBV2	151842	276273	8.50%	1.045%
60	21.557	3135	3140	3146	rBV	1215689	1565893	48.18%	5.921%
61	23.963	3541	3549	3559	rBV2	1531882	3250050	100.00%	12.288%
62	24.133	3572	3578	3587	rVB	794806	1628631	50.11%	6.158%

Sum of corrected areas: 26448484

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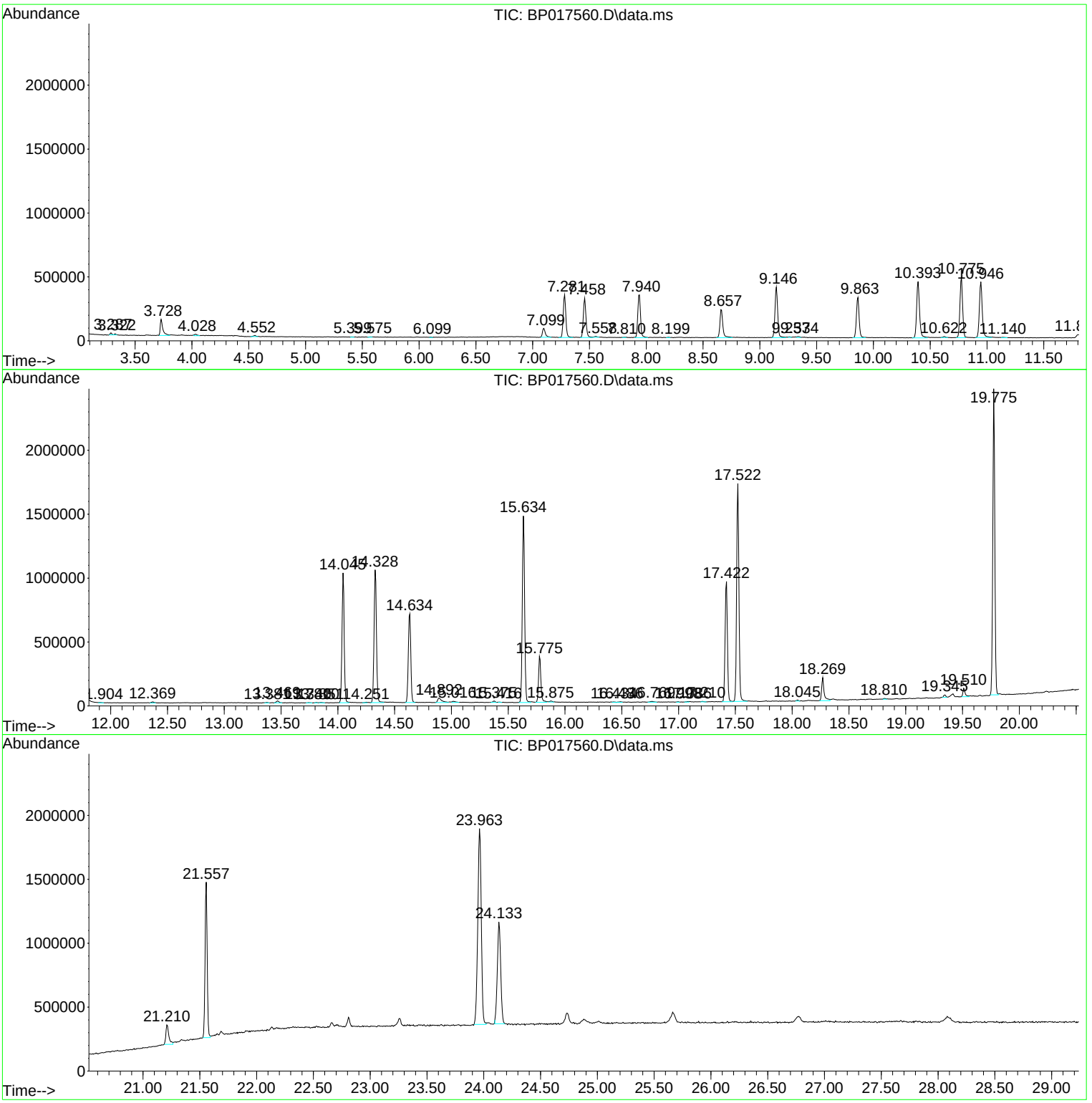
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

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



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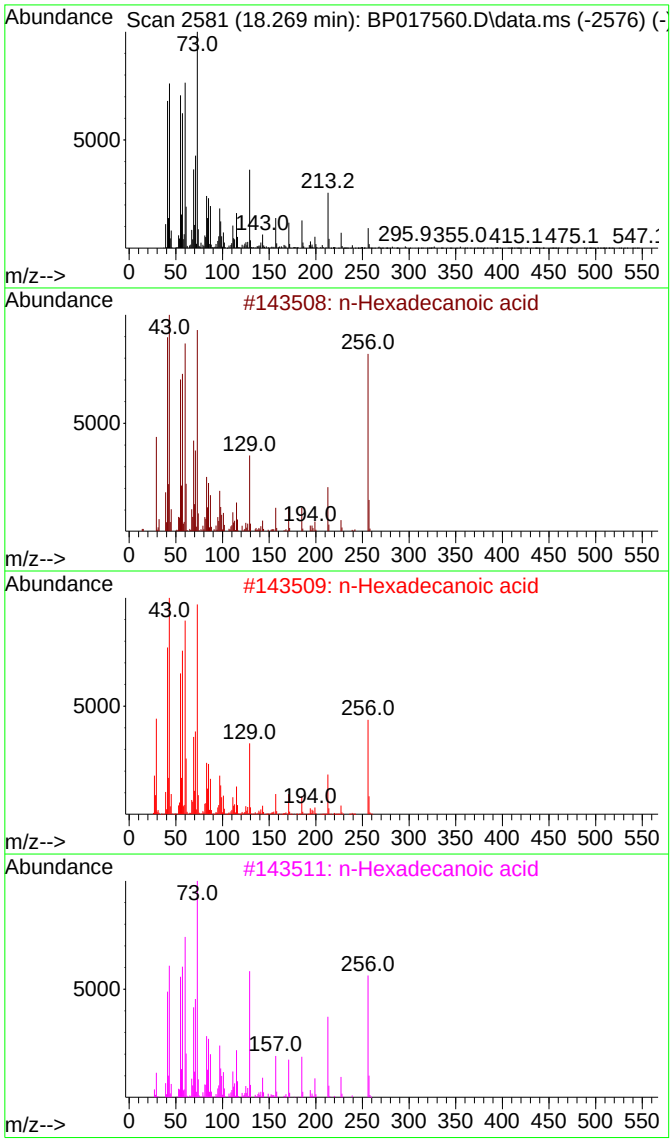
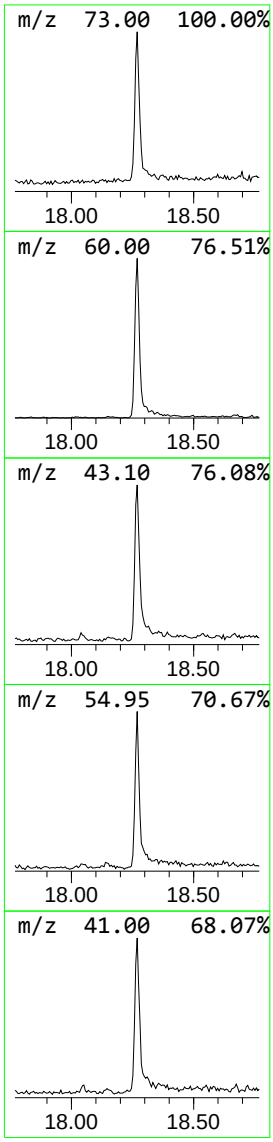
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	4.12 ng/ul	270830	Phenanthrene-d10	17.422

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	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





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Instrument :
BNA_P
ClientSampleId :
MW-2(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

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

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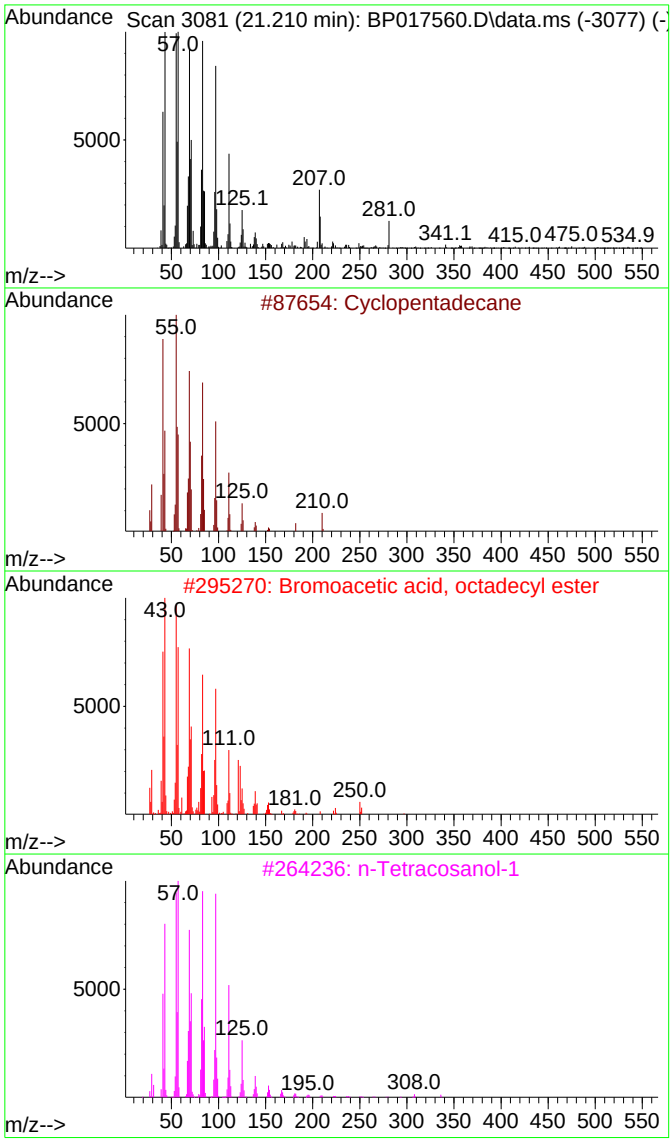
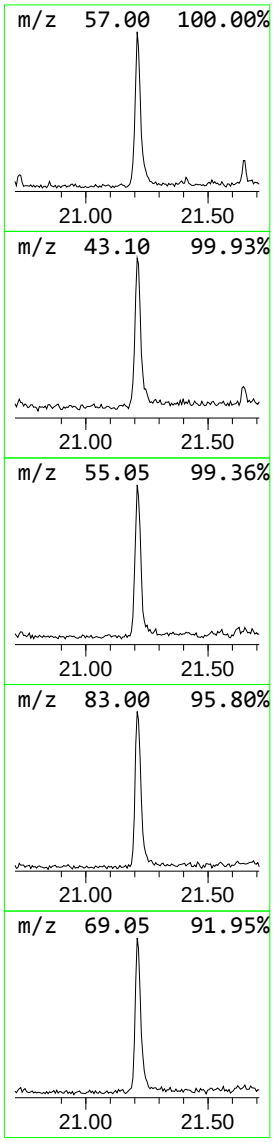
Peak Number 2 (DEL) Alkane: Cyclic21.210 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	3.53 ng/ul	276273	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.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 ...	18.269	4.1	ng/ul	270830	4	17.422	1313300	20.0
(DEL) Alkane: C...	21.210	3.5	ng/ul	276273	5	21.557	1565890	20.0