LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017331.D
Acq On : 25 Sep 2023 21:00
Operator : MA/JU
Sample : 04429-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BBJ42

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-BP092023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017331.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	24	28	33	rBV	85994	106753	1.82%	0.197%
2	3.299	33	36	40	rVV	50877	64781	1.11%	0.120%
3	3.334	40	42	48	rVB	32941	41201	0.70%	0.076%
4	3.605	85	88	95	rBV2	8086	15029	0.26%	0.028%
5	3.734	106	110	121	rBV	363712	523127	8.93%	0.967%
6	3.928	138	143	150	rVB	40799	63698	1.09%	0.118%
7	4.040	159	162	168	rVB2	16285	24584	0.42%	0.045%
8	4.181	183	186	193	rVB3	18906	26463	0.45%	0.049%
9	4.428	225	228	233	rVB3	15708	19874	0.34%	0.037%
10	4.564	245	251	265	rVB	305530	432466	7.38%	0.800%
11	4.975	317	321	325	rBV	10209	15208	0.26%	0.028%
12	5.022	325	329	334	rVB5	10418	16407	0.28%	0.030%
13	5.552	417	419	424	rVB4	5888	9059	0.15%	0.017%
14	5.981	487	492	497	rBV9	6299	12080	0.21%	0.022%
15	6.334	548	552	558	rBV	14186	21356	0.36%	0.039%
16	6.899	641	648	651	rBV6	8991	18217	0.31%	0.034%
17	7.087	673	680	691	rVB	265730	440419	7.52%	0.815%
18	7.269	704	711	723	rBV	708435	1089872	18.60%	2.016%
19	7.452	735	742	751	rBV	720168	1146563	19.57%	2.120%
20	7.528	751	755	766	rVB4	23136	62866	1.07%	0.116%
21	7.928	816	823	834	rBV	728437	1135055	19.37%	2.099%
22	8.640	936	944	956	rBV	698581	1129124	19.27%	2.088%
23	9.128	1019	1027	1037	rBV	787208	1294213	22.09%	2.394%
24	9.293	1049	1055	1058	rBV7	5623	11966	0.20%	0.022%
25	9.328	1058	1061	1067	rVB3	13032	21551	0.37%	0.040%
26	9.840	1140	1148	1161	rBV	654233	1050291	17.93%	1.942%
27	10.028	1175	1180	1187	rVB	5615	10647	0.18%	0.020%
28	10.363	1231	1237	1257	rBV	972191	1647783	28.13%	3.047%
29	10.628	1280	1282	1290	rVB9	3712	7651	0.13%	0.014%
30	10.751	1293	1303	1310	rBV	1014023	1674246	28.58%	3.096%
31	10.916	1323	1331	1347	rBV	914027	1564498	26.70%	2.893%
32	11.287	1387	1394	1396	rBV8	3447	6578	0.11%	0.012%
33	11.828	1481	1486	1488	rVB6	4559	7616	0.13%	0.014%
34	12.334	1566	1572	1578	rBV	18423	35597	0.61%	0.066%
35	12.410	1581	1585	1590	rVB7	4164	6694	0.11%	0.012%
36	12.545	1603	1608	1612	rBV8	5622	9176	0.16%	0.017%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SVOA CALIBRATION

37	12.845	1653	1659	1663	rBV9	5546	10269	0.18%	0.019%
38	12.998	1679	1685	1690	rBV9	4541	9255	0.16%	0.017%
39	13.040	1690	1692	1698	rVB7	5149	6770	0.12%	0.013%
40	13.169	1710	1714	1721	rBV9	5145	10997	0.19%	0.020%
41	13.340	1737	1743	1748	rBV2	11907	18537	0.32%	0.034%
42	13.434	1752	1759	1765	rBV	55378	94194	1.61%	0.174%
43	13.769	1811	1816	1821	rBV3	12437	20373	0.35%	0.038%
44	14.004	1849	1856	1871	rVV	1982982	2637955	45.03%	4.879%
45	14.287	1897	1904	1916	rBV	2128557	3040862	51.90%	5.624%
46	14.516	1937	1943	1948	rBV9	13817	23528	0.40%	0.044%
47	14.587	1948	1955	1967	rVV	1519595	2210709	37.73%	4.089%
48	14.822	1990	1995	2007	rBV	139689	287488	4.91%	0.532%
49	14.969	2017	2020	2024	rBV6	6033	8845	0.15%	0.016%
50	15.586	2118	2125	2141	rBV	2779585	3970244	67.77%	7.343%
51	15.716	2141	2147	2155	rBV	832850	1099302	18.76%	2.033%
52	15.822	2162	2165	2169	rVB2	12699	18222	0.31%	0.034%
53	16.116	2212	2215	2218	rBV5	5894	8805	0.15%	0.016%
54	16.710	2313	2316	2321	rVB6	9793	12214	0.21%	0.023%
55	17.022	2366	2369	2371	rBV4	5638	7728	0.13%	0.014%
56	17.081	2378	2379	2385	rBV6	5503	7777	0.13%	0.014%
57	17.357	2420	2426	2435	rBV	1827524	2667313	45.53%	4.933%
58	17.463	2437	2444	2459	rVV	3287729	4729937	80.74%	8.748%
59	17.980	2529	2532	2536	rVB3	16844	20034	0.34%	0.037%
60	18.204	2565	2570	2582	rBV	534352	803317	13.71%	1.486%
61	19.275	2748	2752	2755	rBV	38331	53405	0.91%	0.099%
62	19.339	2760	2763	2768	rVB	48263	68383	1.17%	0.126%
63	19.439	2776	2780	2790	rBV2	122988	180520	3.08%	0.334%
64	19.704	2819	2825	2831	rBV	4583413	5841653	99.71%	10.804%
65	21.133	3064	3068	3077	rBV2	418766	683544	11.67%	1.264%
66	21.463	3119	3124	3131	rBV	2236023	2881100	49.18%	5.328%
67	23.815	3517	3524	3535	rVB2	2846097	5858582	100.00%	10.835%
68	23.974	3545	3551	3561	rVB	1415109	3016771	51.49%	5.579%

Sum of corrected areas: 54071342

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ClientSampleId :
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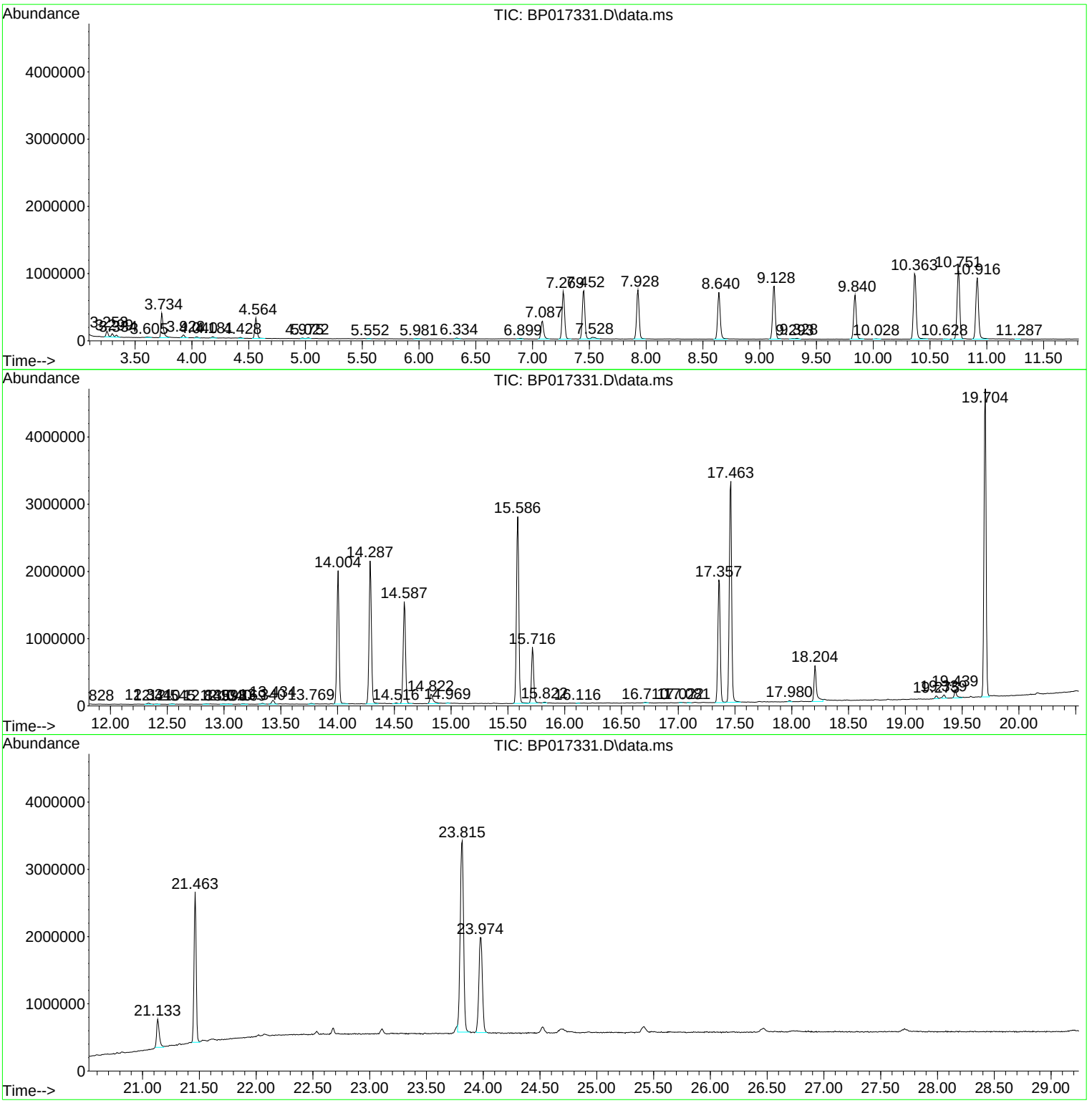
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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



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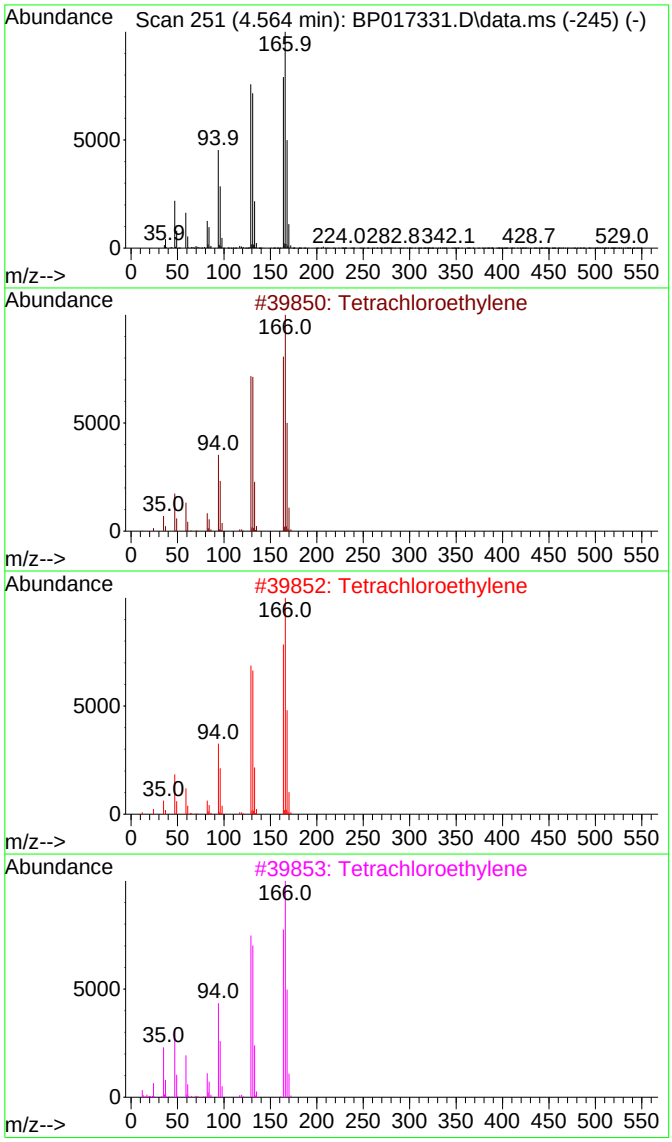
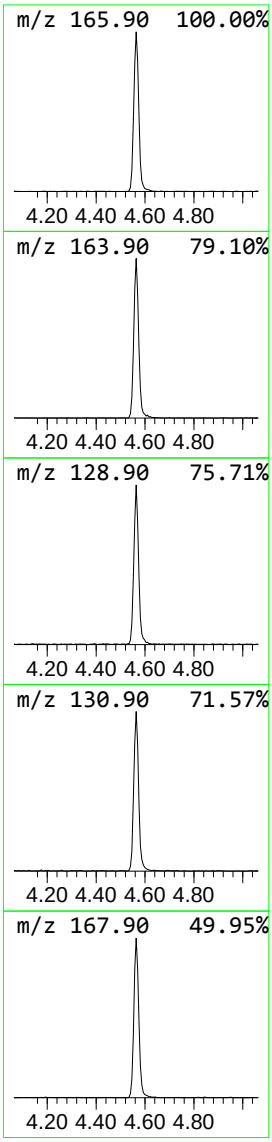
****
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.564	7.62 ng/ul	432466	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	35





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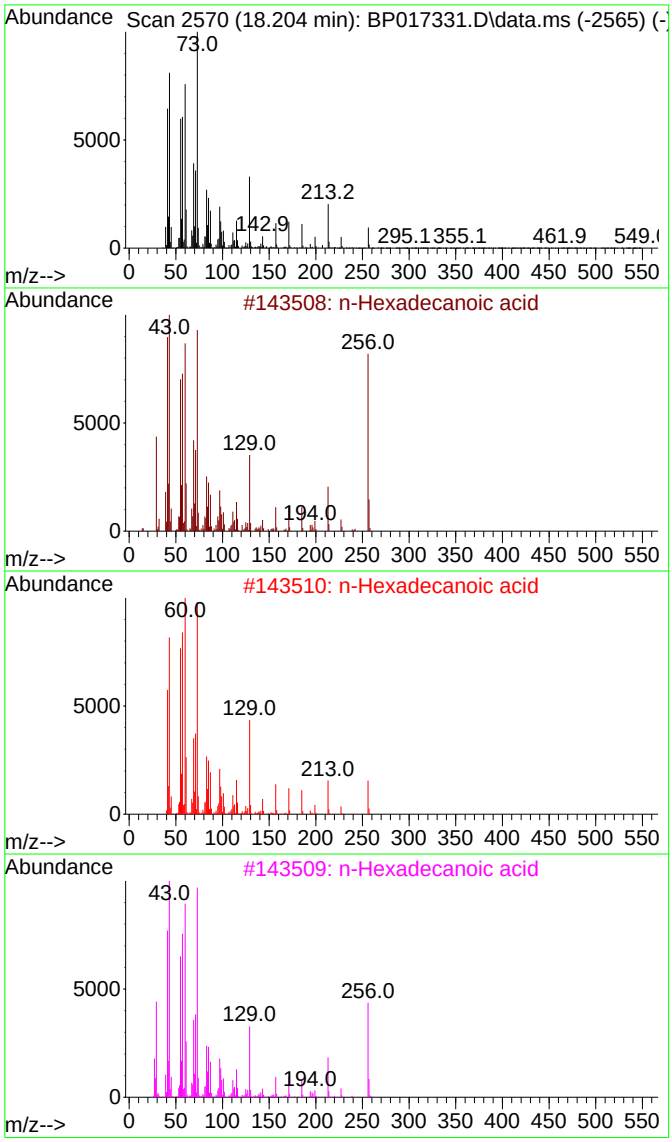
Quant Title : SVOA CALIBRATION

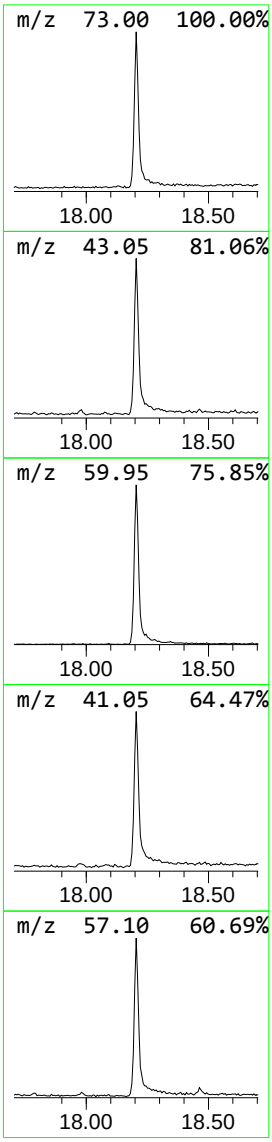
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	6.02 ng/ul	803317	Phenanthrene-d10	17.357

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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Instrument :
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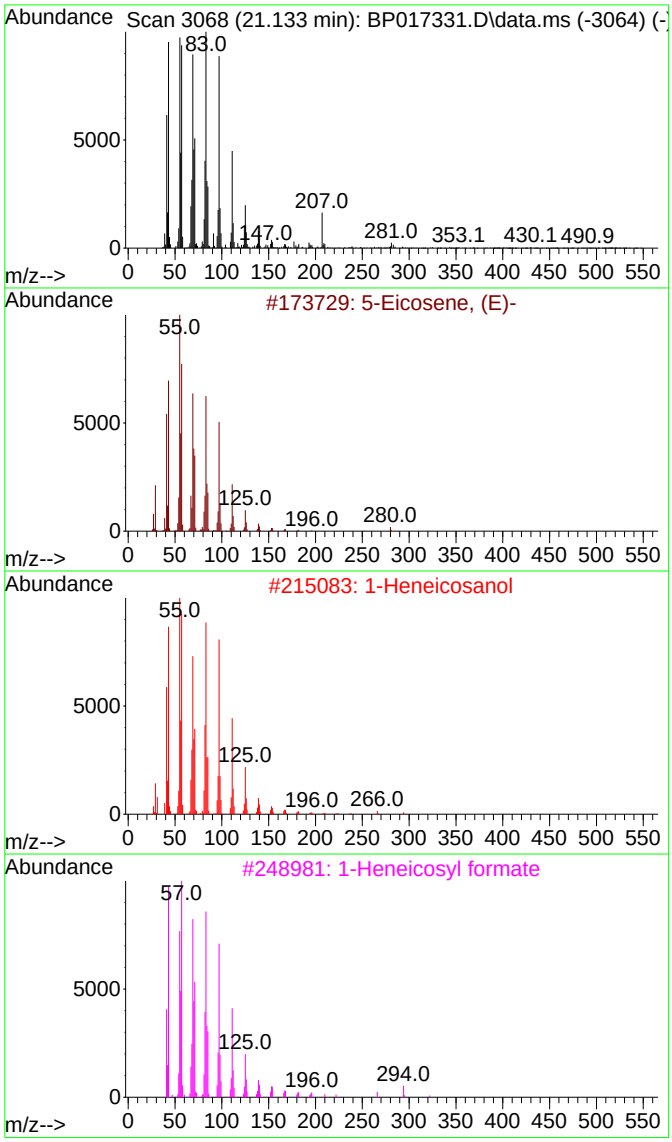
Quant Title : SVOA CALIBRATION

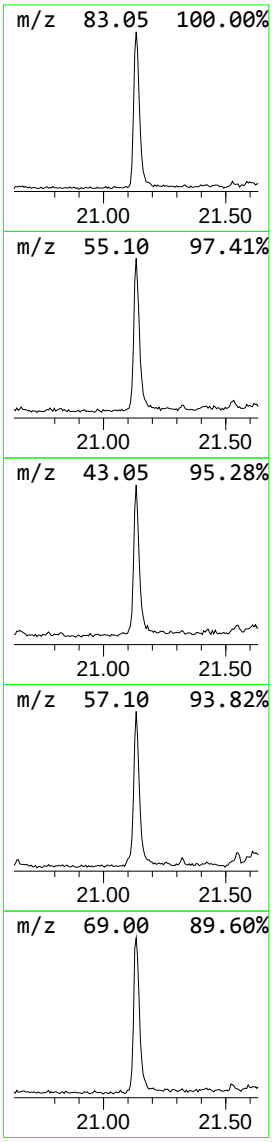
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	4.75 ng/ul	683544	Chrysene-d12	21.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
4	1-Tricosene	322	C23H46	018835-32-0	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetrachloroethy...	4.564	7.6	ng/ul	432466	1	7.928	1135060	20.0
n-Hexadecanoic ...	18.204	6.0	ng/ul	803317	4	17.357	2667310	20.0
(DEL) Alkane: S...	21.133	4.8	ng/ul	683544	5	21.463	2881100	20.0