LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017365.D
Acq On : 26 Sep 2023 17:02
Operator : MA/JU
Sample : 04450-04
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BBJ65

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: BP017365.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.299	32	36	40	rBV	34120	38625	0.75%	0.086%
2	3.599	85	87	92	rBV3	5350	8317	0.16%	0.018%
3	3.734	107	110	126	rBV	155486	252052	4.88%	0.560%
4	3.922	137	142	148	rVB	36060	53998	1.05%	0.120%
5	4.040	158	162	169	rVB	25344	37797	0.73%	0.084%
6	4.187	182	187	193	rVB8	11117	20328	0.39%	0.045%
7	4.422	223	227	232	rVB4	11473	18636	0.36%	0.041%
8	4.558	246	250	264	rVB	71691	112235	2.17%	0.250%
9	4.975	317	321	323	rVB2	4573	5212	0.10%	0.012%
10	5.164	350	353	358	rVB6	4337	6466	0.13%	0.014%
11	5.511	408	412	416	rBV	15841	27844	0.54%	0.062%
12	5.887	471	476	481	rVB	10928	17321	0.34%	0.039%
13	6.334	543	552	557	rBV4	13669	23494	0.45%	0.052%
14	6.893	643	647	654	rVV7	8826	14070	0.27%	0.031%
15	6.975	656	661	666	rVB8	3606	6014	0.12%	0.013%
16	7.081	672	679	691	rBV	149583	250287	4.84%	0.557%
17	7.269	702	711	720	rBV	620001	975900	18.89%	2.170%
18	7.446	733	741	750	rBV	605658	953255	18.45%	2.120%
19	7.540	752	757	763	rVB4	12652	24780	0.48%	0.055%
20	7.922	815	822	833	rBV	547618	865707	16.76%	1.925%
21	8.634	937	943	956	rBV	440777	717003	13.88%	1.594%
22	9.122	1017	1026	1037	rBV	741748	1193985	23.11%	2.655%
23	9.240	1042	1046	1050	rVB6	3887	6998	0.14%	0.016%
24	9.322	1055	1060	1065	rVB3	9791	15778	0.31%	0.035%
25	9.834	1140	1147	1160	rBV	563314	937365	18.14%	2.084%
26	10.363	1229	1237	1253	rBV	821228	1401780	27.13%	3.117%
27	10.504	1255	1261	1266	rVB10	6963	15490	0.30%	0.034%
28	10.634	1281	1283	1289	rVB7	3888	6072	0.12%	0.014%
29	10.746	1295	1302	1311	rBV	813594	1300078	25.16%	2.891%
30	10.910	1323	1330	1349	rBV	763992	1322506	25.60%	2.941%
31	11.816	1481	1484	1492	rVB8	6482	9655	0.19%	0.021%
32	12.063	1521	1526	1530	rBV8	2181	5176	0.10%	0.012%
33	12.328	1566	1571	1580	rVB2	14812	29365	0.57%	0.065%
34	12.840	1652	1658	1665	rBV10	4006	6978	0.14%	0.016%
35	13.157	1707	1712	1716	rVB7	5401	8596	0.17%	0.019%
36	13.340	1737	1743	1744	rBV6	2927	5557	0.11%	0.012%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
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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

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Title : SVOA CALIBRATION

37	13.428	1752	1758	1765	rBV	47681	80197	1.55%	0.178%
38	13.540	1775	1777	1782	rVB5	3895	6019	0.12%	0.013%
39	13.763	1808	1815	1819	rBV8	5154	9922	0.19%	0.022%
40	13.998	1848	1855	1863	rBV	1737355	2347698	45.44%	5.221%
41	14.287	1897	1904	1917	rBV	1824618	2692173	52.11%	5.987%
42	14.587	1947	1955	1965	rBV	1171135	1689004	32.69%	3.756%
43	14.822	1989	1995	2006	rBV	66193	150217	2.91%	0.334%
44	14.969	2017	2020	2024	rBV5	6042	8436	0.16%	0.019%
45	15.028	2028	2030	2035	rVB5	4987	6206	0.12%	0.014%
46	15.328	2077	2081	2084	rVB5	4859	6953	0.13%	0.015%
47	15.375	2084	2089	2091	rVV6	5516	7731	0.15%	0.017%
48	15.392	2091	2092	2098	rVB4	5420	6956	0.13%	0.015%
49	15.581	2117	2124	2133	rBV	2543669	3573143	69.16%	7.946%
50	15.645	2133	2135	2141	rVV7	10147	21728	0.42%	0.048%
51	15.716	2141	2147	2161	rVV	609543	825435	15.98%	1.836%
52	15.822	2161	2165	2169	rVB4	12373	18780	0.36%	0.042%
53	16.704	2312	2315	2321	rVB8	9005	11808	0.23%	0.026%
54	17.034	2365	2371	2376	rBV10	4872	9696	0.19%	0.022%
55	17.357	2419	2426	2436	rBV	1471922	2031149	39.32%	4.517%
56	17.457	2437	2443	2461	rVV	3108810	4181137	80.93%	9.298%
57	17.616	2467	2470	2474	rVB4	4958	6286	0.12%	0.014%
58	17.980	2529	2532	2538	rVB6	9126	13079	0.25%	0.029%
59	18.198	2565	2569	2578	rBV	221717	351210	6.80%	0.781%
60	18.286	2582	2584	2589	rVB	14810	20875	0.40%	0.046%
61	19.269	2748	2751	2755	rVB2	39042	44478	0.86%	0.099%
62	19.339	2760	2763	2768	rVB	42530	53282	1.03%	0.118%
63	19.439	2776	2780	2784	rBV	70062	92807	1.80%	0.206%
64	19.698	2819	2824	2832	rBV	3948298	5142648	99.54%	11.436%
65	21.127	3063	3067	3078	rBV2	176238	394669	7.64%	0.878%
66	21.463	3119	3124	3130	rBV	1764041	2254756	43.64%	5.014%
67	23.104	3400	3403	3411	rVB	191274	298435	5.78%	0.664%
68	23.763	3511	3515	3517	rBV2	215371	342745	6.63%	0.762%
69	23.810	3517	3523	3534	rVB2	2564751	5166311	100.00%	11.488%
70	23.974	3545	3551	3561	rVB	1166180	2409005	46.63%	5.357%

Sum of corrected areas: 44969694

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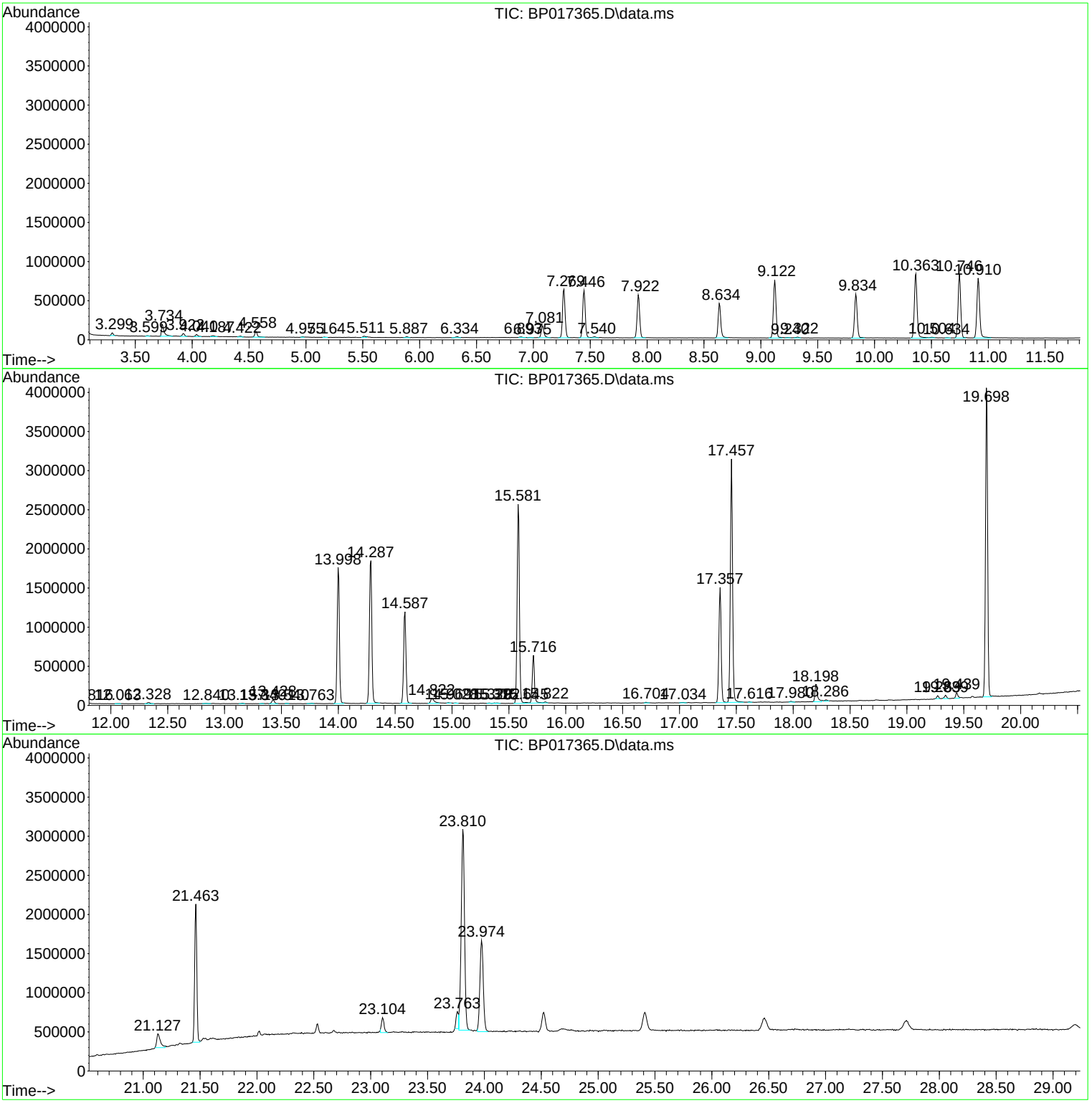
ClientSampleId :
BBJ65

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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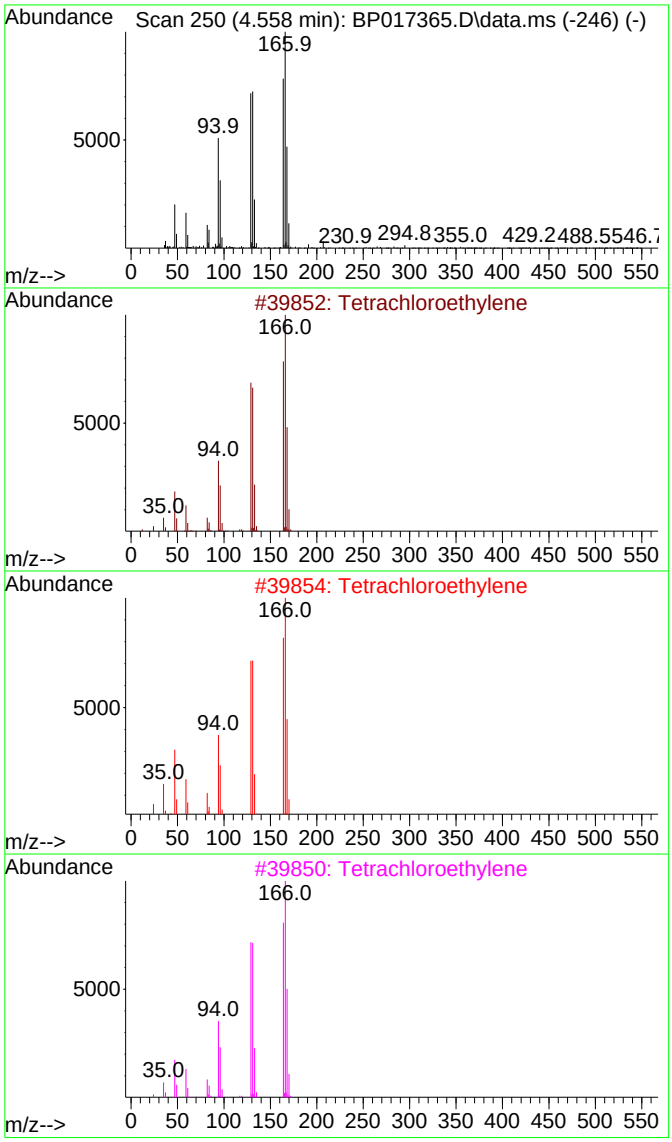
Quant Title : SVOA CALIBRATION

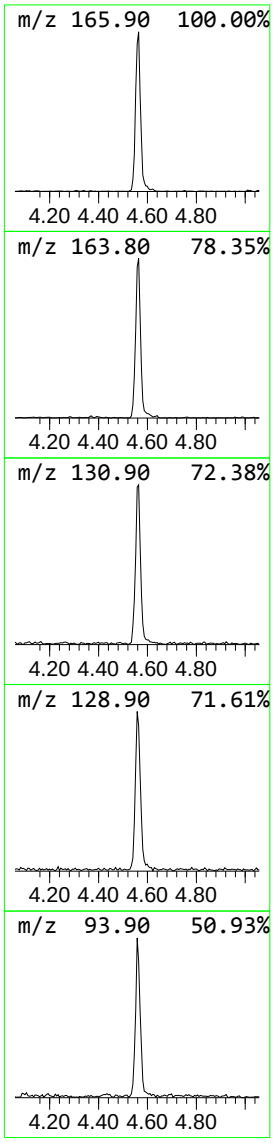
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tetrachloroethylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.558	2.59 ng/ul	112235	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	53
5	2,4-Dichloro-6-fluoropyrimidine	166	C4HCl2FN2	003833-57-6	35





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ALS Vial : 57 Sample Multiplier: 1

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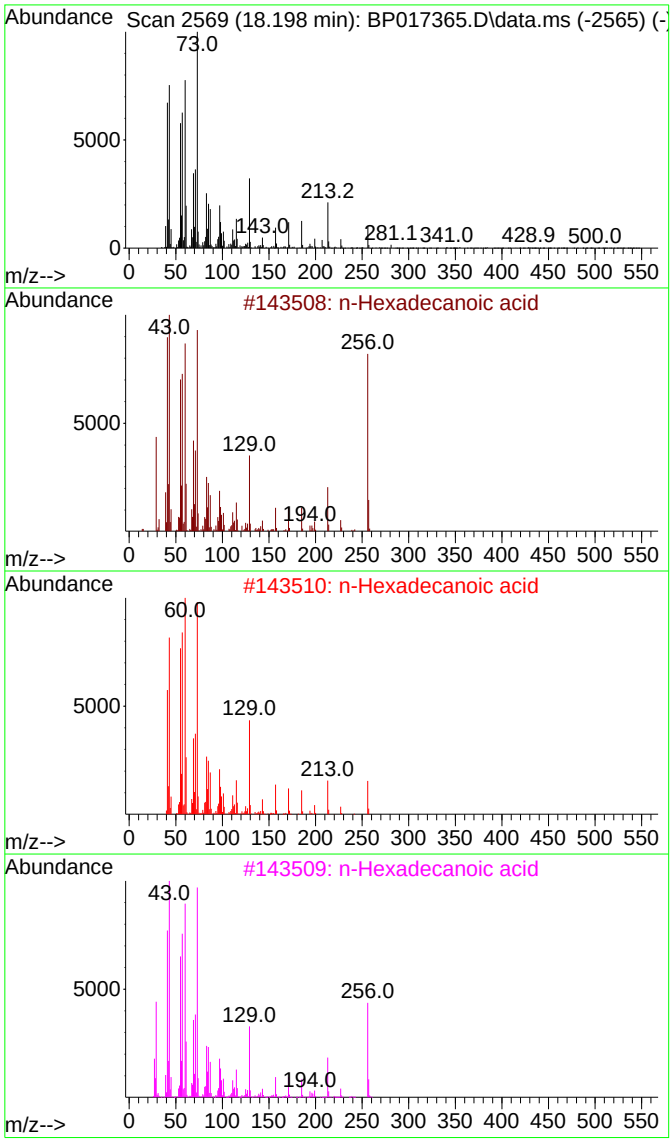
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

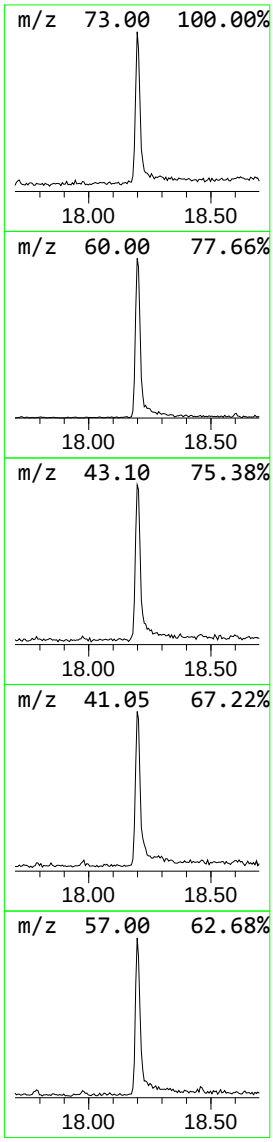
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	3.46 ng/ul	351210	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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





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ALS Vial : 57 Sample Multiplier: 1

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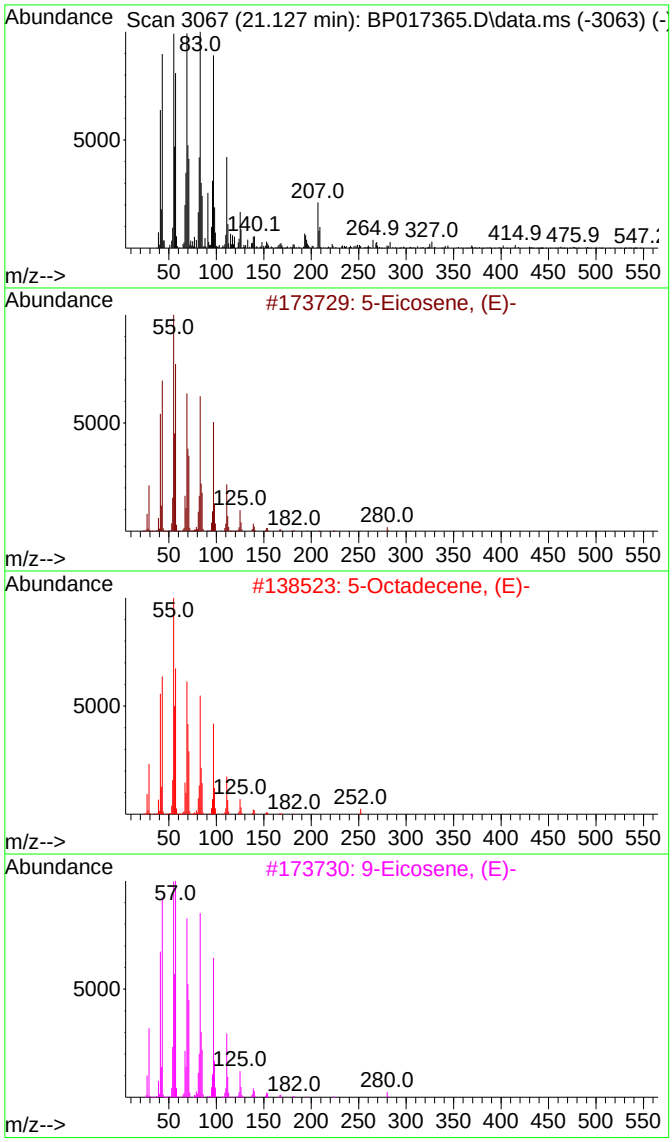
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

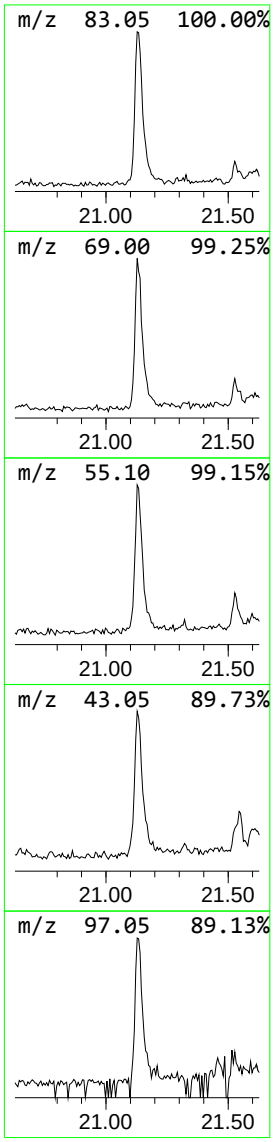
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	3.50 ng/ul	394669	Chrysene-d12	21.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	97
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
4	Cyclotetradecane	196	C14H28	000295-17-0	93
5	1-Octadecanol	270	C18H38O	000112-92-5	93





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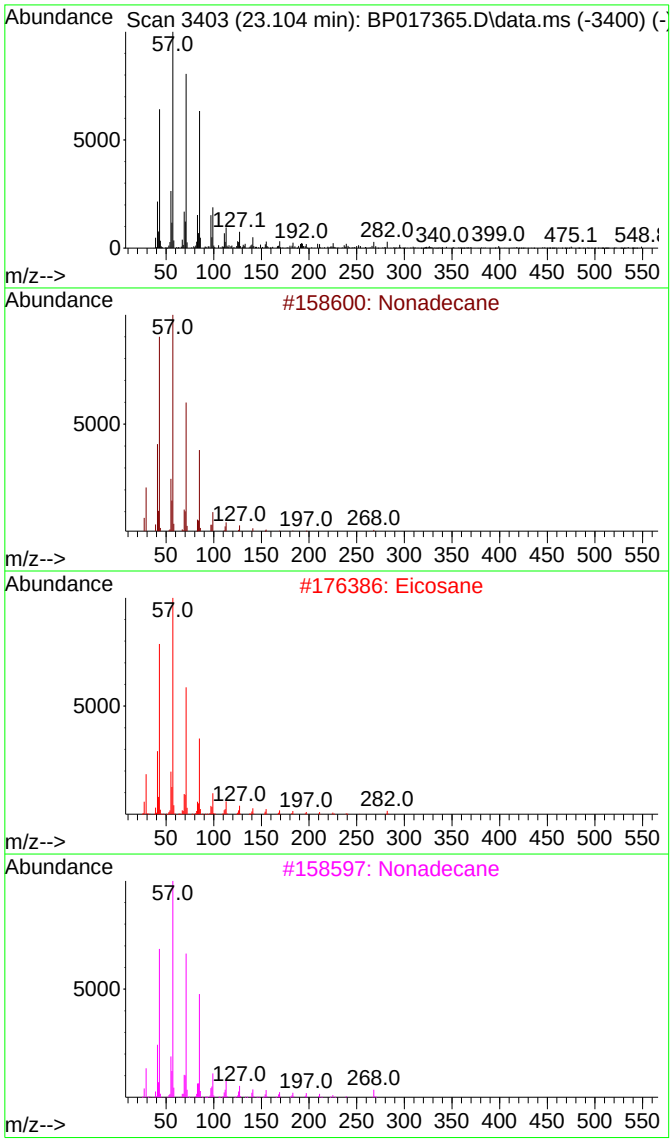
Quant Title : SVOA CALIBRATION

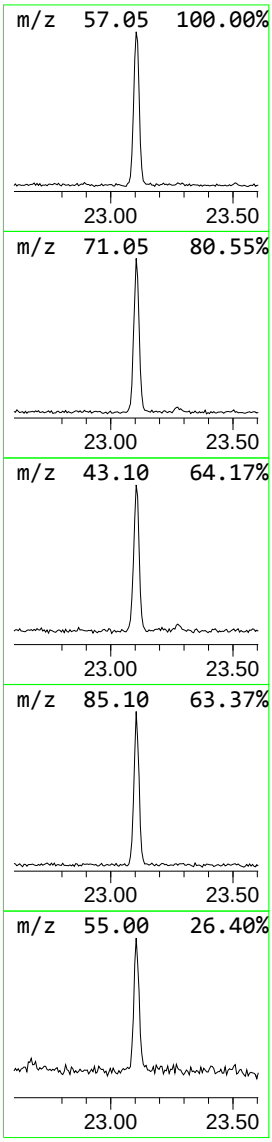
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.104	2.48 ng/ul	298435	Perylene-d12	23.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Docosane	310	C22H46	000629-97-0	86
5	Octadecane	254	C18H38	000593-45-3	80





Tentatively Identified Compound (LSC) summary

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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
Tetrachloroethy...	4.558	2.6	ng/ul	112235	1	7.922	865707	20.0
n-Hexadecanoic ...	18.198	3.5	ng/ul	351210	4	17.357	2031150	20.0
(DEL) Alkane: S...	21.127	3.5	ng/ul	394669	5	21.463	2254760	20.0
(DEL) Alkane: S...	23.104	2.5	ng/ul	298435	6	23.974	2409010	20.0