LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
Data File : BP011347.D
Acq On : 10 Aug 2022 01:23
Operator : CG/JU
Sample : N3900-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0CA8

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-BP080822.M
Title : SVOA CALIBRATION

Signal : TIC: BP011347.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.087	14	17	25	rVB	28577	35525	1.49%	0.147%
2	3.375	63	66	77	rVB	22584	35557	1.49%	0.148%
3	3.505	85	88	103	rBV	111638	185931	7.78%	0.772%
4	3.717	120	124	128	rVB2	14564	20479	0.86%	0.085%
5	3.811	136	140	145	rVB	10928	14850	0.62%	0.062%
6	3.905	154	156	160	rVB5	3727	3758	0.16%	0.016%
7	4.346	230	231	240	rVB7	3858	4896	0.20%	0.020%
8	4.434	244	246	251	rVB5	2485	3068	0.13%	0.013%
9	4.740	292	298	302	rBV2	12332	18386	0.77%	0.076%
10	4.775	302	304	309	rVB5	2161	2833	0.12%	0.012%
11	5.317	394	396	403	rVB8	2427	4250	0.18%	0.018%
12	5.699	459	461	467	rBV7	1711	2916	0.12%	0.012%
13	6.775	638	644	653	rBV	83403	142593	5.96%	0.592%
14	6.934	665	671	681	rBV	383288	572445	23.95%	2.376%
15	7.022	681	686	693	rVB	9002	18574	0.78%	0.077%
16	7.122	696	703	714	rBV	360669	561381	23.48%	2.330%
17	7.587	775	782	791	rBV	455564	699093	29.24%	2.902%
18	7.663	791	795	802	rVB2	9668	16231	0.68%	0.067%
19	8.311	897	905	922	rBV	237935	403605	16.88%	1.675%
20	8.752	972	980	992	rBV	434947	705000	29.49%	2.926%
21	8.881	998	1002	1005	rBV6	3756	6171	0.26%	0.026%
22	8.916	1005	1008	1014	rVV8	6076	11108	0.46%	0.046%
23	9.158	1044	1049	1056	rBV2	7930	11897	0.50%	0.049%
24	9.469	1093	1102	1115	rBV	319049	521874	21.83%	2.166%
25	10.005	1186	1193	1205	rBV	418264	694326	29.04%	2.882%
26	10.163	1217	1220	1226	rBV8	5257	8933	0.37%	0.037%
27	10.375	1249	1256	1264	rBV	563075	919030	38.44%	3.814%
28	10.528	1274	1282	1303	rBV	296119	573881	24.01%	2.382%
29	10.810	1328	1330	1335	rVB6	1986	2824	0.12%	0.012%
30	11.063	1367	1373	1375	rVB7	1417	2400	0.10%	0.010%
31	11.199	1392	1396	1400	rBV6	3554	6598	0.28%	0.027%
32	11.293	1410	1412	1417	rVB5	2081	2839	0.12%	0.012%
33	11.657	1469	1474	1479	rVB8	3541	6927	0.29%	0.029%
34	11.822	1498	1502	1509	rVB8	1550	3371	0.14%	0.014%
35	11.928	1514	1520	1526	rBV	72857	123679	5.17%	0.513%
36	11.981	1526	1529	1536	rVB3	10337	17311	0.72%	0.072%

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Instrument :
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ClientSampleId :
C0CA8

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
Title : SVOA CALIBRATION

37	12.104	1549	1550	1557	rVB7	1500	2497	0.10%	0.010%
38	12.199	1561	1566	1572	rVB9	1285	2661	0.11%	0.011%
39	12.610	1626	1636	1638	rBV10	2809	5744	0.24%	0.024%
40	12.787	1662	1666	1670	rBV7	2477	4657	0.19%	0.019%
41	12.863	1674	1679	1686	rVB10	3798	6834	0.29%	0.028%
42	13.081	1712	1716	1720	rVV2	11259	14785	0.62%	0.061%
43	13.228	1738	1741	1744	rBV5	2376	2739	0.11%	0.011%
44	13.681	1811	1818	1833	rBV	825311	1206273	50.46%	5.007%
45	13.946	1856	1863	1885	rBV	870770	1352024	56.56%	5.611%
46	14.169	1898	1901	1908	rVB5	8357	12981	0.54%	0.054%
47	14.257	1908	1916	1925	rBV	741340	1074170	44.93%	4.458%
48	14.434	1944	1946	1950	rVB5	3085	3602	0.15%	0.015%
49	14.510	1953	1959	1972	rBV3	17684	56629	2.37%	0.235%
50	14.704	1988	1992	1997	rVB8	4373	6045	0.25%	0.025%
51	15.075	2051	2055	2059	rVV2	6610	9239	0.39%	0.038%
52	15.128	2062	2064	2070	rVB5	5409	7064	0.30%	0.029%
53	15.263	2079	2087	2103	rBV	1147222	1708632	71.47%	7.092%
54	15.393	2103	2109	2123	rVV	329564	500467	20.94%	2.077%
55	15.504	2125	2128	2135	rVB4	11757	17620	0.74%	0.073%
56	15.645	2150	2152	2156	rVB5	2884	2707	0.11%	0.011%
57	15.840	2182	2185	2188	rBV4	2580	3413	0.14%	0.014%
58	16.010	2211	2214	2216	rVV4	2387	2698	0.11%	0.011%
59	16.063	2220	2223	2226	rVB5	4516	5086	0.21%	0.021%
60	16.169	2237	2241	2243	rBV5	3265	4439	0.19%	0.018%
61	16.445	2285	2288	2291	rBV5	3391	4373	0.18%	0.018%
62	16.587	2308	2312	2314	rVB5	2210	2517	0.11%	0.010%
63	16.710	2328	2333	2335	rVB5	3582	5127	0.21%	0.021%
64	16.757	2335	2341	2343	rBV7	2296	4453	0.19%	0.018%
65	16.804	2345	2349	2353	rBV7	5772	9322	0.39%	0.039%
66	16.969	2374	2377	2380	rBV4	4342	4870	0.20%	0.020%
67	17.028	2381	2387	2398	rBV	864030	1217598	50.93%	5.054%
68	17.128	2398	2404	2422	rVV2	1385633	1987362	83.13%	8.248%
69	17.334	2437	2439	2444	rVB6	5589	8356	0.35%	0.035%
70	17.728	2500	2506	2511	rBV	66478	81602	3.41%	0.339%
71	17.822	2520	2522	2528	rVB6	2862	3011	0.13%	0.012%
72	17.945	2539	2543	2550	rBV	105861	144299	6.04%	0.599%
73	18.016	2552	2555	2562	rVB	11811	20343	0.85%	0.084%
74	18.963	2712	2716	2720	rBV4	20196	27211	1.14%	0.113%
75	19.033	2725	2728	2732	rVV2	17258	22573	0.94%	0.094%
76	19.198	2752	2756	2761	rBV7	12095	21534	0.90%	0.089%

LSC Area Percent Report

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0CA8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
Title : SVOA CALIBRATION

77	19.386	2783	2788	2798	rBV	1777705	2390566	100.00%	9.922%
78	20.886	3039	3043	3052	rBV	367610	553529	23.15%	2.297%
79	21.157	3084	3089	3100	rBV	1078832	1396618	58.42%	5.797%
80	21.280	3107	3110	3115	rBV2	78113	119025	4.98%	0.494%
81	23.310	3449	3455	3463	rBV2	1218967	2272080	95.04%	9.430%
82	23.463	3475	3481	3493	rVB2	719751	1420010	59.40%	5.894%

Sum of corrected areas: 24093925

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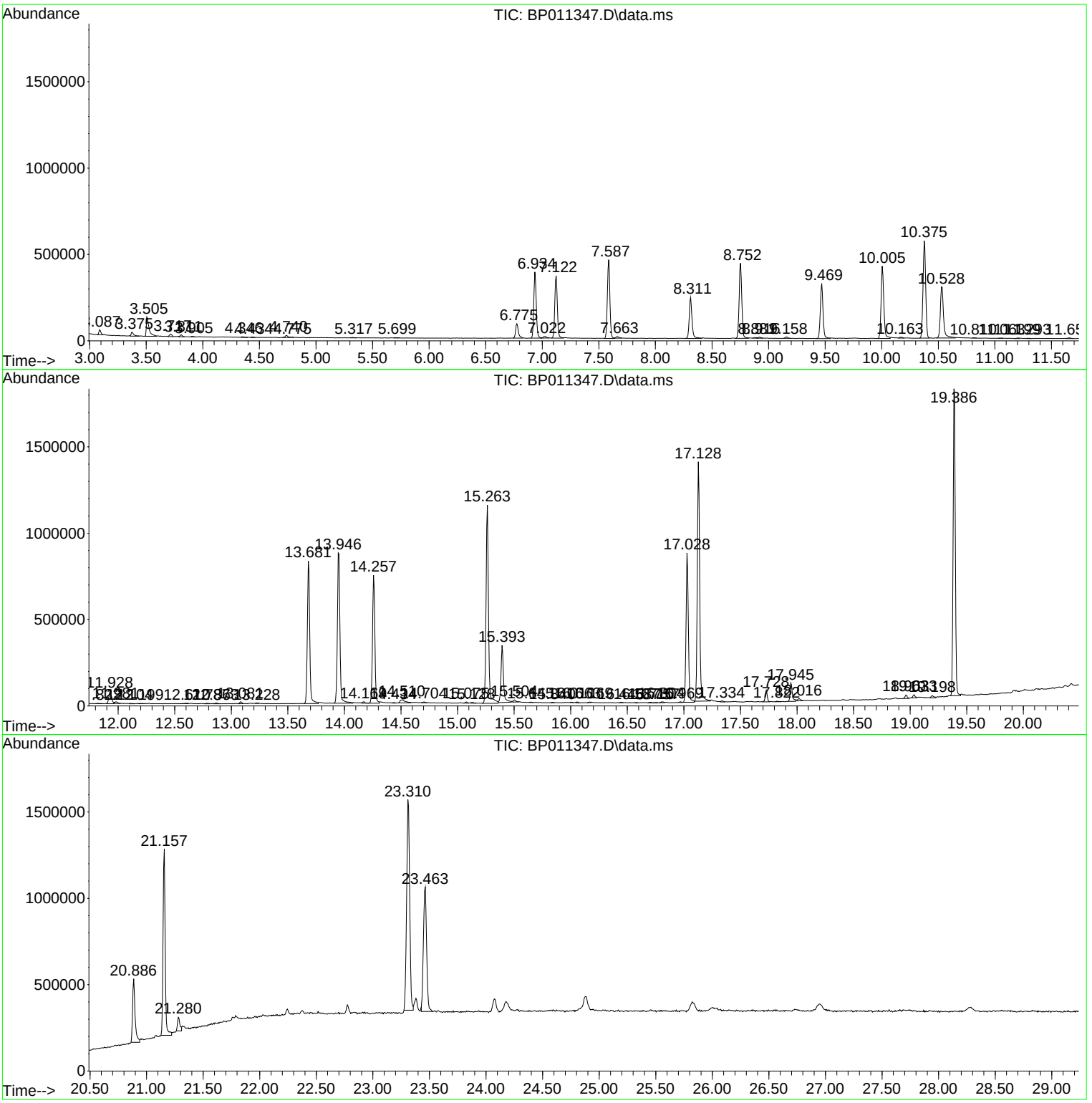
Instrument :
BNA_P
ClientSampleId :
C0CA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
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Instrument :
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ClientSampleId :
C0CA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
Quant Title : SVOA CALIBRATION

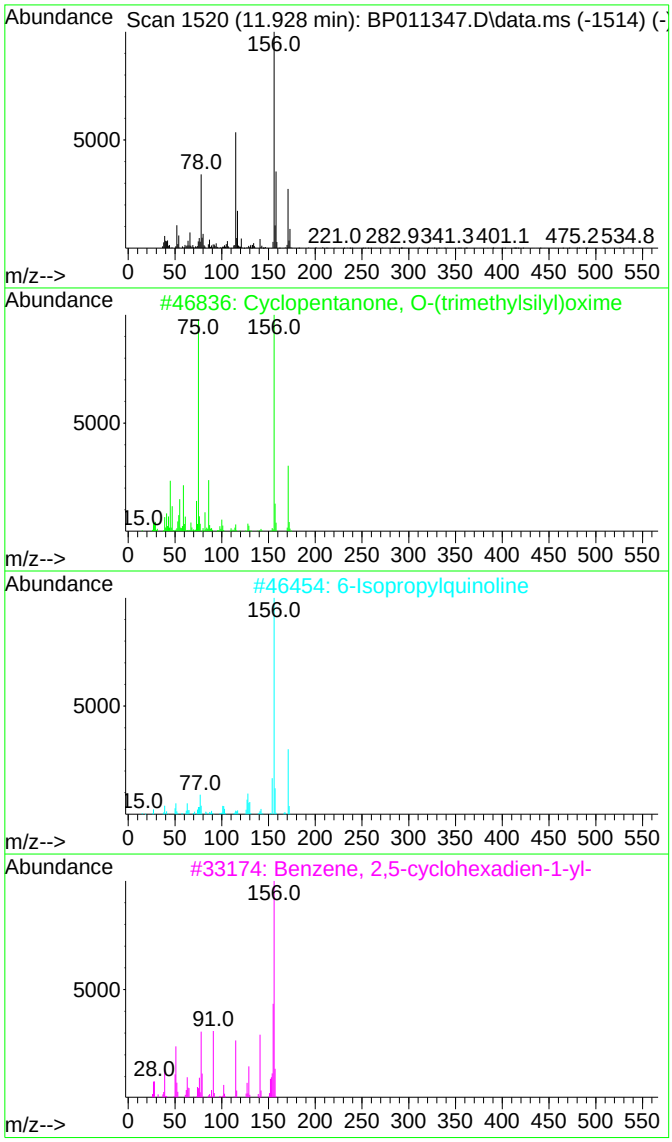
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

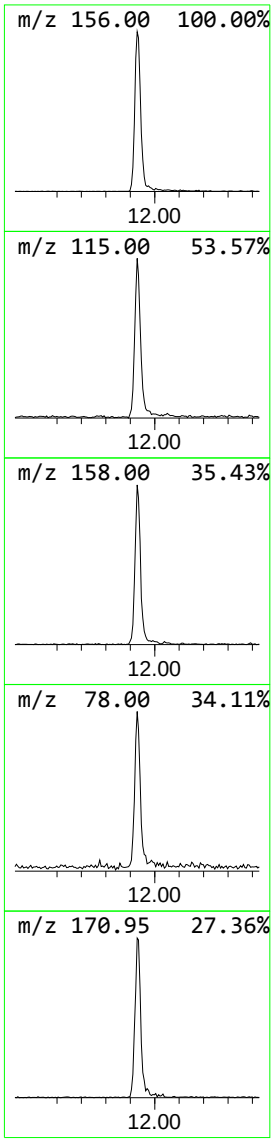
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	2.69 ng/ul	123679	Naphthalene-d8	10.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, O-(trimethylsily...	171	C8H17NOSi	026208-87-7	46
2	6-Isopropylquinoline	171	C12H13N	000135-79-5	43
3	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	38
4	Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	38
5	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	37





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Acq On : 10 Aug 2022 01:23
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0CA8

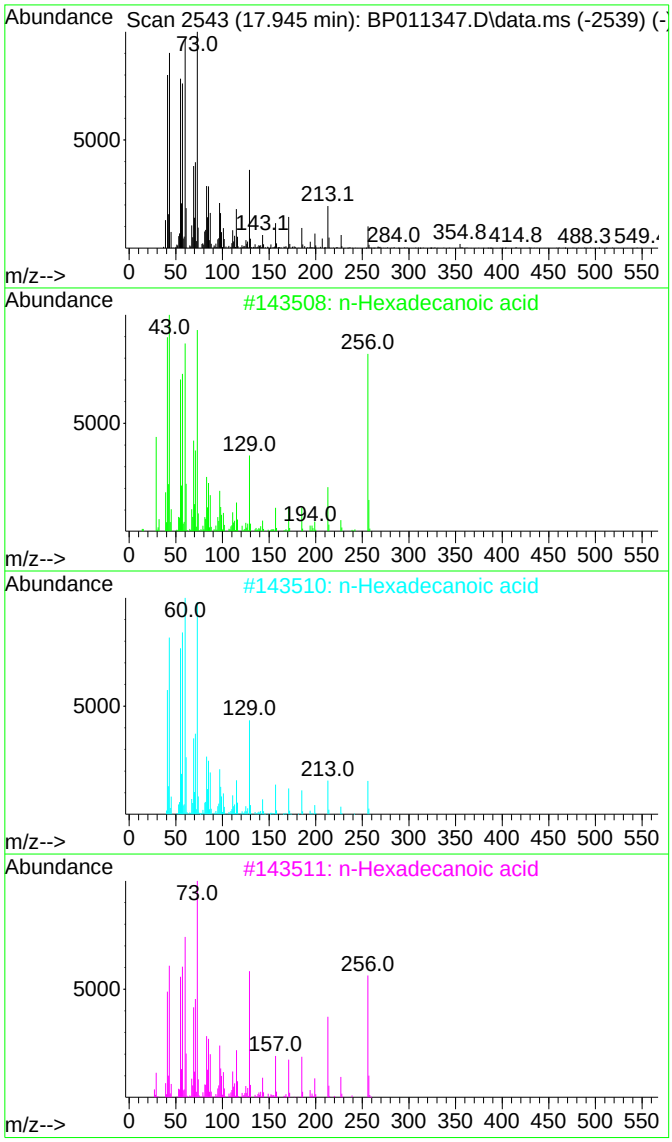
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
Quant Title : SVOA CALIBRATION

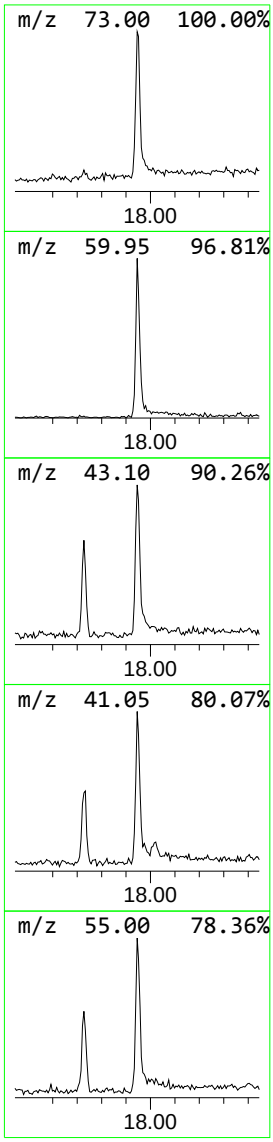
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	2.37 ng/ul	144299	Phenanthrene-d10	17.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0CA8

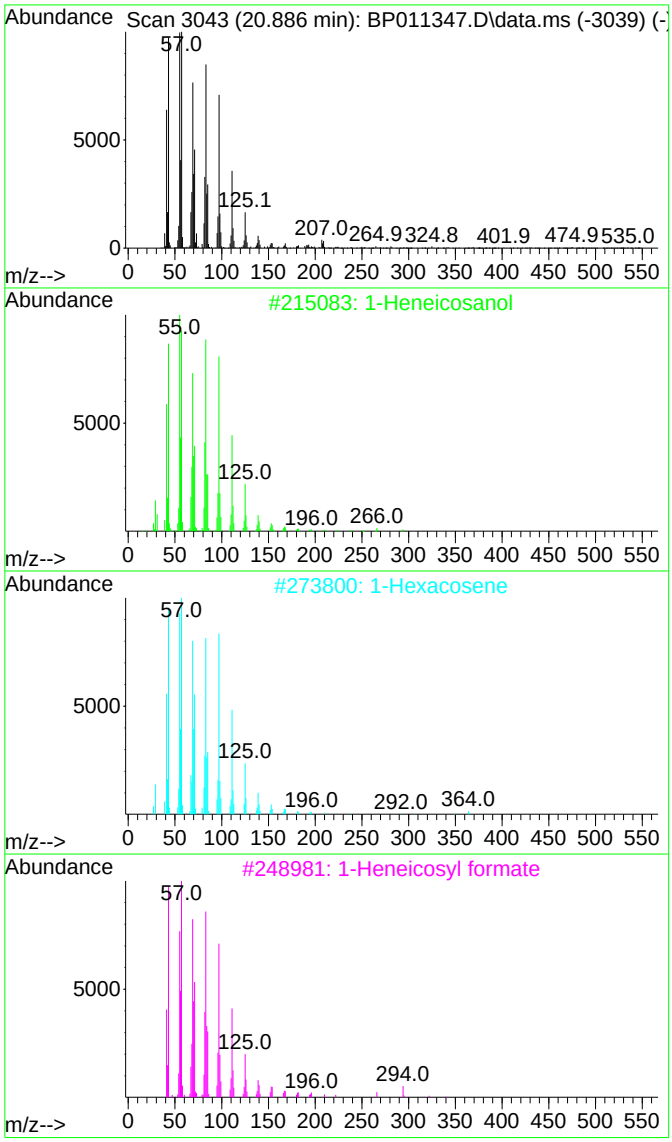
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
Quant Title : SVOA CALIBRATION

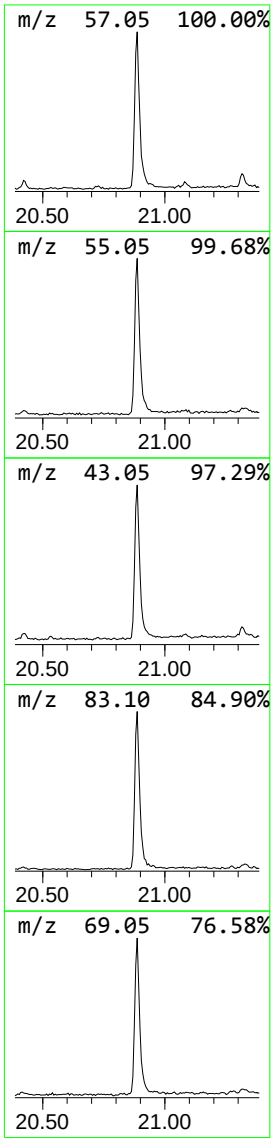
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.886	7.93 ng/ul	553529	Chrysene-d12	21.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
5	17-Pentatriacontene	491	C35H70	006971-40-0	93





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
unknown-01	11.928	2.7	ng/ul	123679	2	10.375	919030	20.0
n-Hexadecanoic ...	17.945	2.4	ng/ul	144299	4	17.028	1217600	20.0
1-Heneicosanol	20.886	7.9	ng/ul	553529	5	21.157	1396620	20.0