LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012354.D
Acq On : 27 Oct 2022 21:49
Operator : CG/JU
Sample : N5015-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C1BG2

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-BP102522.M
Title : SVOA CALIBRATION

Signal : TIC: BP012354.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.246	40	44	54	rVB	100109	147070	1.23%	0.127%
2	3.540	91	94	102	rBV	25490	43355	0.36%	0.037%
3	3.676	114	117	130	rBV	249287	440101	3.68%	0.380%
4	3.770	131	133	141	rVB2	26214	39551	0.33%	0.034%
5	3.887	148	153	165	rVV	67343	115242	0.96%	0.100%
6	3.987	166	170	179	rVB	23939	41870	0.35%	0.036%
7	4.364	230	234	240	rVB2	18603	27307	0.23%	0.024%
8	4.546	262	265	272	rVB4	16083	21238	0.18%	0.018%
9	4.905	321	326	336	rBV	51657	98332	0.82%	0.085%
10	6.975	672	678	697	rBV	1635221	2891178	24.18%	2.497%
11	7.146	700	707	722	rVB	1460991	2381561	19.92%	2.057%
12	7.334	732	739	750	rBV	1649658	2803462	23.45%	2.421%
13	7.634	783	790	792	rBV4	8043	13162	0.11%	0.011%
14	7.805	811	819	827	rBV	1136868	1854006	15.51%	1.601%
15	8.522	933	941	957	rBV	1865559	3226191	26.99%	2.786%
16	8.640	957	961	968	rVB	45981	81073	0.68%	0.070%
17	8.975	1011	1018	1035	rBV	1742430	2860546	23.93%	2.471%
18	9.111	1035	1041	1042	rVV5	8876	14978	0.13%	0.013%
19	9.134	1042	1045	1058	rVB8	14569	33339	0.28%	0.029%
20	9.358	1078	1083	1088	rBV2	15101	25278	0.21%	0.022%
21	9.693	1133	1140	1159	rBV	1368153	2371808	19.84%	2.048%
22	10.234	1219	1232	1249	rBV	2143858	3811993	31.89%	3.292%
23	10.393	1253	1259	1280	rBV	711435	1494107	12.50%	1.290%
24	10.610	1288	1296	1309	rVB	1696057	2899594	24.25%	2.504%
25	10.757	1313	1321	1342	rBV	1883438	3362953	28.13%	2.904%
26	11.446	1431	1438	1440	rBV8	8822	17301	0.14%	0.015%
27	12.204	1560	1567	1574	rVB	40010	70005	0.59%	0.060%
28	12.757	1655	1661	1666	rBV10	4976	12872	0.11%	0.011%
29	13.057	1707	1712	1719	rBV3	13519	21118	0.18%	0.018%
30	13.275	1739	1749	1751	rBV10	7074	15106	0.13%	0.013%
31	13.351	1757	1762	1767	rVB	27549	42303	0.35%	0.037%
32	13.422	1770	1774	1781	rVB5	11384	23087	0.19%	0.020%
33	13.787	1829	1836	1841	rVB7	16670	27355	0.23%	0.024%
34	13.875	1844	1851	1863	rBV	3919367	5684724	47.55%	4.910%
35	14.151	1885	1898	1915	rBV	4821724	7233224	60.50%	6.247%
36	14.346	1928	1931	1938	rVB4	10251	17447	0.15%	0.015%

LSC Area Percent Report

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Sample : N5015-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C1BG2

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-BP102522.M
Title : SVOA CALIBRATION

37	14.457	1943	1950	1961	rVV	2810921	4126200	34.51%	3.564%
38	14.628	1974	1979	1981	rBV4	12810	18402	0.15%	0.016%
39	14.675	1981	1987	2008	rVV	1544973	2616415	21.89%	2.260%
40	14.840	2011	2015	2018	rVV5	25472	55687	0.47%	0.048%
41	14.887	2018	2023	2032	rVV5	116648	238083	1.99%	0.206%
42	14.963	2034	2036	2046	rVB5	10080	21120	0.18%	0.018%
43	15.216	2075	2079	2082	rBV2	8782	12694	0.11%	0.011%
44	15.257	2082	2086	2089	rVV	10782	17444	0.15%	0.015%
45	15.298	2089	2093	2100	rVB2	13716	23734	0.20%	0.020%
46	15.457	2113	2120	2135	rBV	6218691	9033528	75.56%	7.802%
47	15.587	2136	2142	2155	rVV	1517071	2095333	17.53%	1.810%
48	15.693	2156	2160	2166	rVB	31841	53724	0.45%	0.046%
49	15.916	2193	2198	2204	rVB3	21245	32382	0.27%	0.028%
50	16.022	2213	2216	2223	rVB7	7537	14628	0.12%	0.013%
51	16.169	2237	2241	2250	rVB3	18530	33179	0.28%	0.029%
52	16.240	2250	2253	2258	rBV6	9779	13244	0.11%	0.011%
53	16.351	2268	2272	2281	rVB10	7223	15890	0.13%	0.014%
54	16.616	2313	2317	2325	rBV5	28956	48273	0.40%	0.042%
55	16.757	2336	2341	2348	rBV	65031	90715	0.76%	0.078%
56	17.216	2410	2419	2430	rBV	3484829	5087322	42.55%	4.394%
57	17.316	2430	2436	2446	rVV2	6146439	9229403	77.20%	7.971%
58	17.422	2450	2454	2464	rVB3	98617	164221	1.37%	0.142%
59	17.587	2477	2482	2483	rBV5	13826	21922	0.18%	0.019%
60	17.887	2529	2533	2538	rBV	117699	138229	1.16%	0.119%
61	17.992	2546	2551	2558	rBV4	51572	107005	0.90%	0.092%
62	18.104	2565	2570	2580	rBV	771570	1247229	10.43%	1.077%
63	18.434	2622	2626	2630	rBV3	38325	65960	0.55%	0.057%
64	18.586	2649	2652	2657	rBV4	25967	34780	0.29%	0.030%
65	18.810	2687	2690	2694	rVB4	52340	60411	0.51%	0.052%
66	18.998	2718	2722	2727	rBV7	28178	60772	0.51%	0.052%
67	19.134	2741	2745	2752	rBV2	113654	180548	1.51%	0.156%
68	19.204	2753	2757	2766	rBV	137665	263607	2.21%	0.228%
69	19.339	2776	2780	2795	rBV	607642	1020580	8.54%	0.881%
70	19.557	2812	2817	2830	rBV	8624095	11954825	100.00%	10.325%
71	21.028	3062	3067	3077	rBV3	225322	500378	4.19%	0.432%
72	21.310	3111	3115	3124	rBV	4654009	5854216	48.97%	5.056%
73	23.557	3490	3497	3508	rVB2	5629900	11598290	97.02%	10.017%
74	23.710	3517	3523	3534	rVB2	2670735	5372593	44.94%	4.640%

Sum of corrected areas: 115786803

Instrument :
BNA_P
ClientSampleId :
C1BG2

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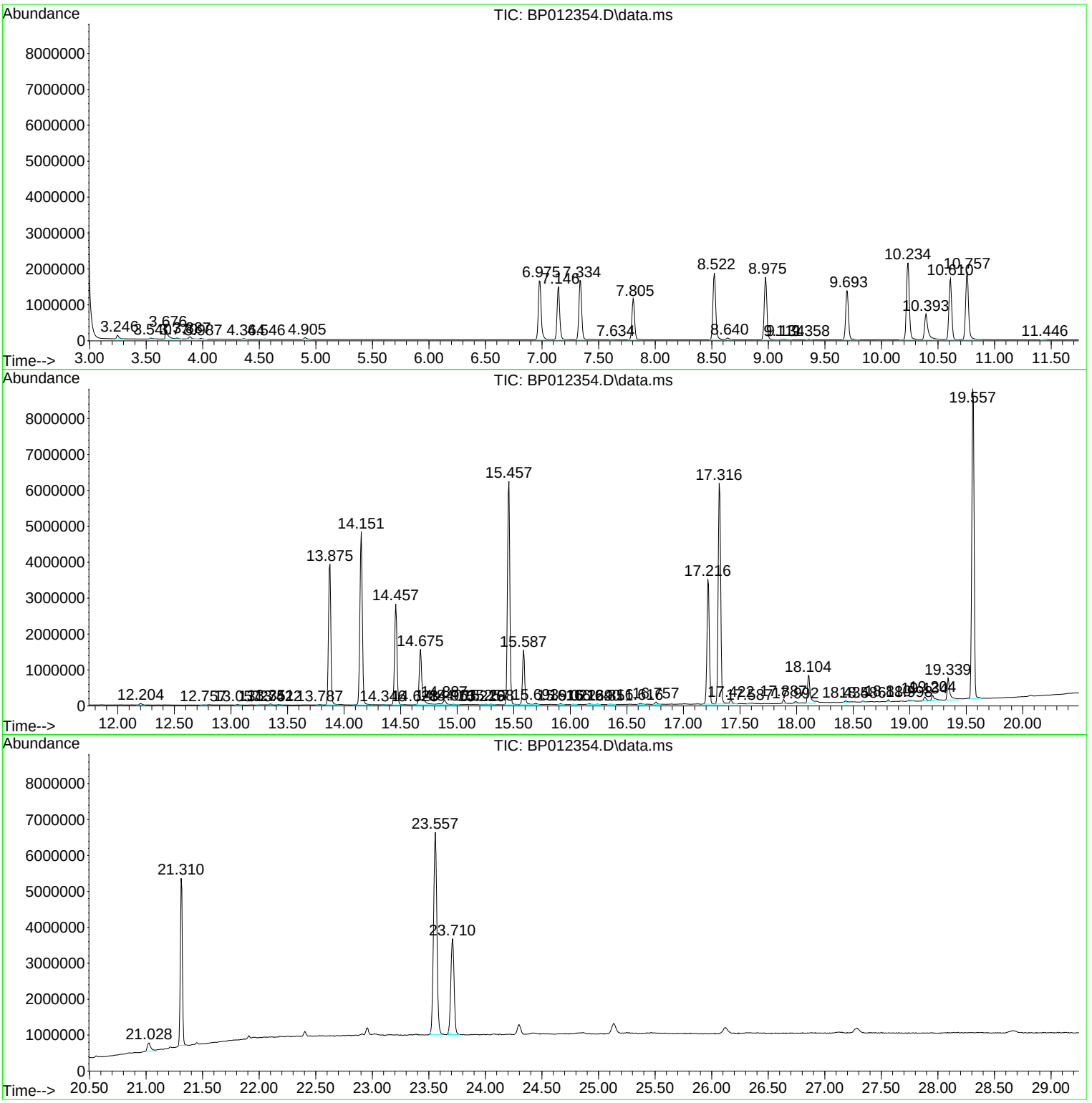
Instrument :
BNA_P
ClientSampleId :
C1BG2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
BNA_P
ClientSampleId :
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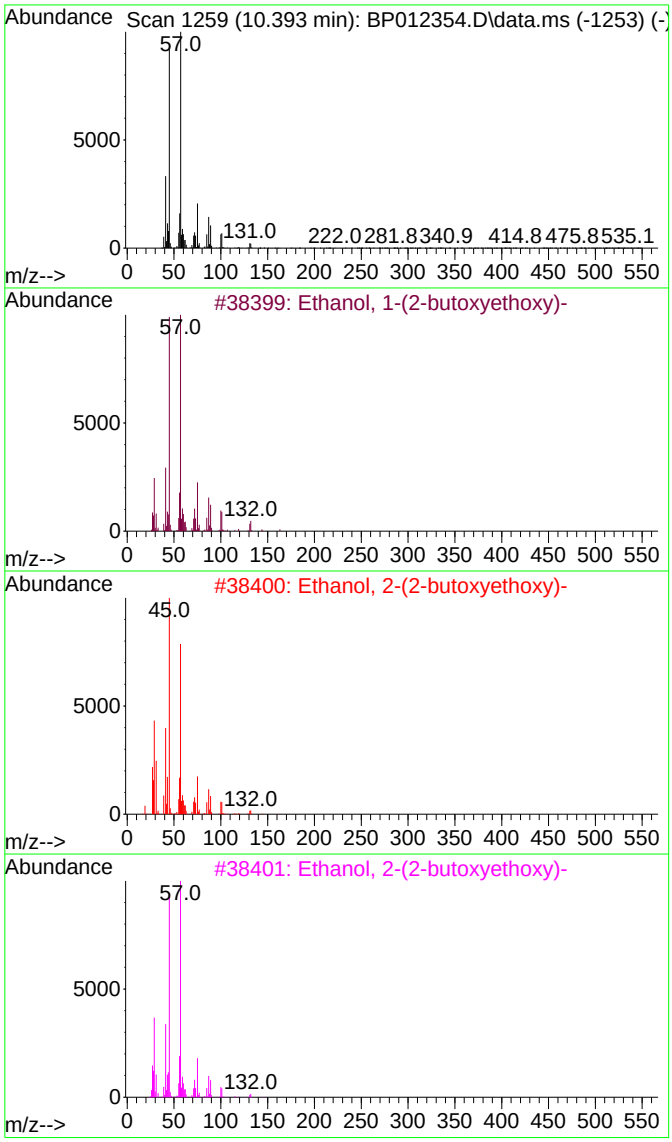
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

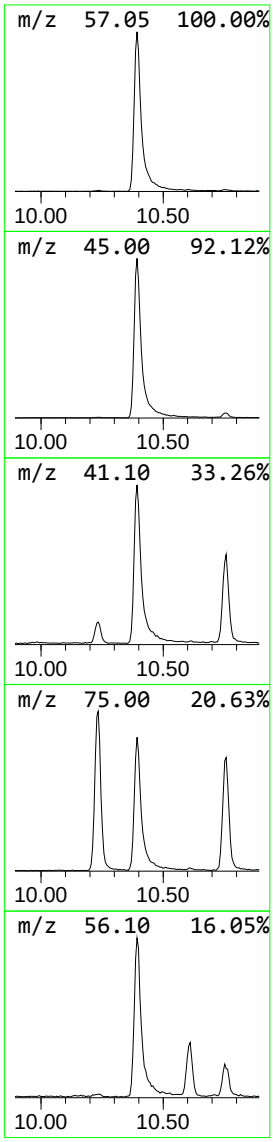
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.393	10.31 ng/ul	1494110	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C1BG2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

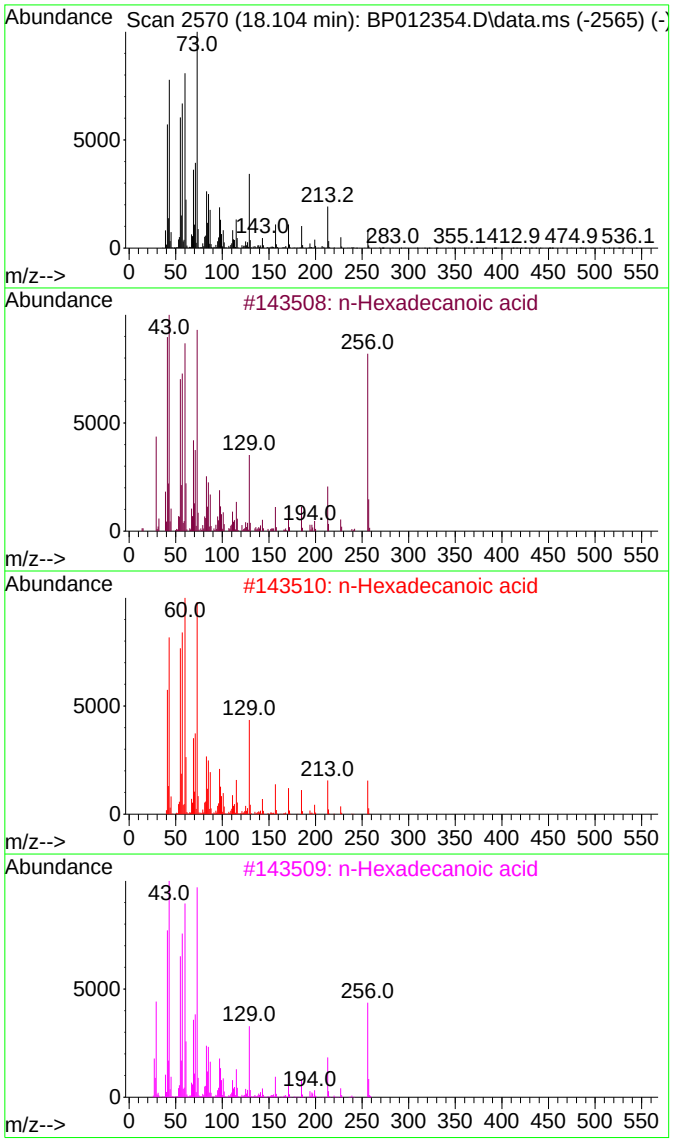
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

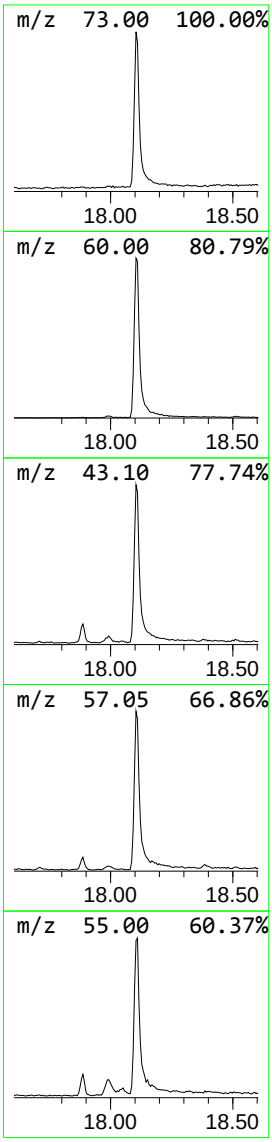
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	4.90 ng/ul	1247230	Phenanthrene-d10	17.216

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	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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Sample : N5015-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C1BG2

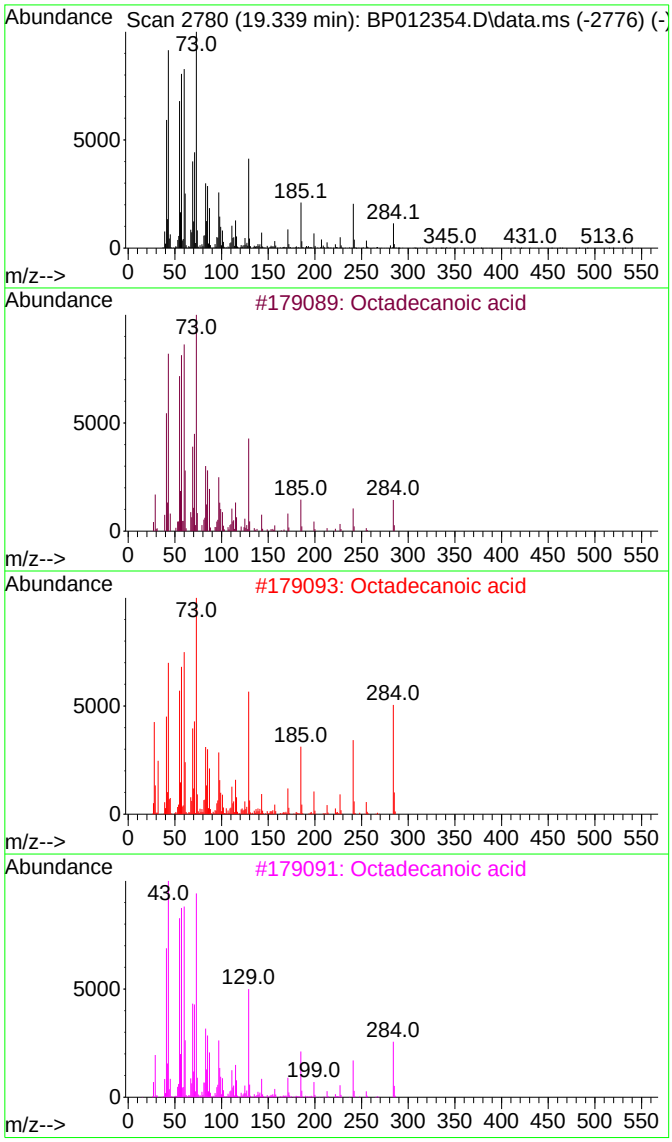
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

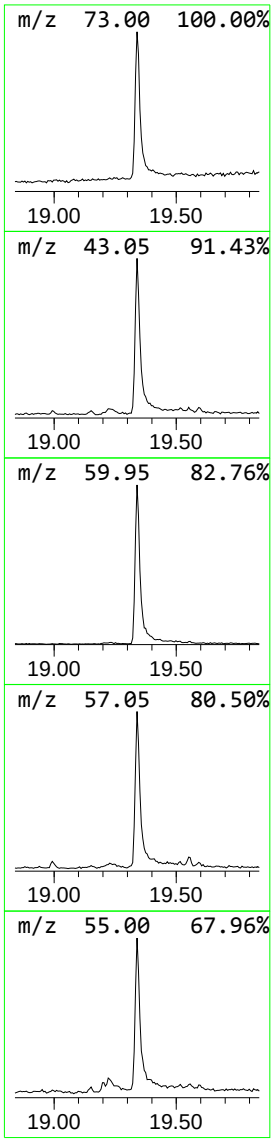
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	3.49 ng/ul	1020580	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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
Ethanol, 1-(2-b...	10.393	10.3	ng/ul	1494110	2	10.610	2899590	20.0
n-Hexadecanoic ...	18.104	4.9	ng/ul	1247230	4	17.216	5087320	20.0
Octadecanoic acid	19.339	3.5	ng/ul	1020580	5	21.310	5854220	20.0