LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081424\
Data File : BN033379.D
Acq On : 14 Aug 2024 12:41
Operator : MA/JU
Sample : P3540-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B39

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_N\Methods\SFAM-EPA-BN081424.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN033379.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	3	7	31	rVB	4097497	6591993	66.84%	7.218%
2	3.540	74	77	95	rBV	146269	230045	2.33%	0.252%
3	3.864	128	132	138	rVB	26620	38888	0.39%	0.043%
4	3.952	144	147	151	rBV6	8637	11555	0.12%	0.013%
5	4.370	212	218	234	rVB	389063	625351	6.34%	0.685%
6	5.134	343	348	355	rVB	56713	82772	0.84%	0.091%
7	5.264	364	370	380	rBV	157067	293234	2.97%	0.321%
8	5.622	425	431	438	rVB	113957	170077	1.72%	0.186%
9	5.693	438	443	449	rBV	15189	23005	0.23%	0.025%
10	6.564	582	591	598	rBV	63411	102919	1.04%	0.113%
11	6.675	604	610	615	rBV	12806	20550	0.21%	0.023%
12	6.746	615	622	629	rVV	369740	591094	5.99%	0.647%
13	6.811	629	633	638	rVB2	11411	17810	0.18%	0.020%
14	6.911	643	650	658	rBV	972168	1527338	15.49%	1.672%
15	6.975	658	661	665	rVB3	9243	11869	0.12%	0.013%
16	7.105	676	683	691	rBV	1063059	1687813	17.11%	1.848%
17	7.228	699	704	711	rVB2	36968	61550	0.62%	0.067%
18	7.569	754	762	769	rBV	924532	1448461	14.69%	1.586%
19	7.646	772	775	778	rVV2	9128	15584	0.16%	0.017%
20	7.687	778	782	790	rVB	38529	64983	0.66%	0.071%
21	7.805	797	802	807	rVV4	8467	13657	0.14%	0.015%
22	7.911	809	820	828	rBV3	19343	41687	0.42%	0.046%
23	8.122	852	856	864	rVB4	8728	13011	0.13%	0.014%
24	8.211	864	871	874	rBV4	11548	18837	0.19%	0.021%
25	8.269	874	881	889	rVV	1023365	1610398	16.33%	1.763%
26	8.375	895	899	905	rVB2	20237	36819	0.37%	0.040%
27	8.705	943	955	970	rBV	1192625	1924076	19.51%	2.107%
28	9.193	1033	1038	1042	rVB4	8815	13805	0.14%	0.015%
29	9.422	1066	1077	1089	rBV	901762	1436427	14.56%	1.573%
30	9.558	1094	1100	1105	rVB8	5723	13409	0.14%	0.015%
31	9.958	1160	1168	1178	rBV	1489799	2407721	24.41%	2.636%
32	10.046	1179	1183	1189	rVB7	5866	11010	0.11%	0.012%
33	10.334	1223	1232	1239	rBV	1451836	2330859	23.63%	2.552%
34	10.469	1245	1255	1265	rBV	1035652	1693706	17.17%	1.854%
35	11.140	1364	1369	1375	rVV4	23808	41222	0.42%	0.045%
36	11.205	1375	1380	1388	rVB10	6498	14875	0.15%	0.016%

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ClientSampleId :
C0B39

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Title : SVOA CALIBRATION

37	11.687	1457	1462	1468	rBV5	8665	15260	0.15%	0.017%
38	11.934	1496	1504	1511	rVB	32833	60304	0.61%	0.066%
39	12.928	1667	1673	1679	rBV8	6538	14560	0.15%	0.016%
40	13.628	1785	1792	1800	rBV	3087741	4324108	43.84%	4.734%
41	13.704	1802	1805	1813	rVB7	8598	15571	0.16%	0.017%
42	13.898	1830	1838	1847	rBV	3459188	5022663	50.93%	5.499%
43	14.210	1883	1891	1898	rBV	2366586	3478302	35.27%	3.808%
44	14.404	1916	1924	1934	rBV	434782	645704	6.55%	0.707%
45	14.569	1946	1952	1955	rBV7	9446	16499	0.17%	0.018%
46	14.640	1958	1964	1972	rVB9	13790	26332	0.27%	0.029%
47	15.051	2030	2034	2039	rBV5	8599	14047	0.14%	0.015%
48	15.210	2054	2061	2072	rBV	4498612	6549864	66.41%	7.171%
49	15.322	2074	2080	2092	rBV	1325104	1735918	17.60%	1.901%
50	15.445	2098	2101	2109	rVB2	25989	39761	0.40%	0.044%
51	15.598	2122	2127	2132	rVB9	4968	10794	0.11%	0.012%
52	16.640	2300	2304	2308	rVB7	8392	11996	0.12%	0.013%
53	16.745	2317	2322	2326	rBV4	10005	14297	0.14%	0.016%
54	16.957	2349	2358	2366	rBV	3130305	4360424	44.21%	4.774%
55	17.057	2368	2375	2386	rVV	5399723	7386920	74.90%	8.088%
56	17.328	2417	2421	2425	rVB4	9671	15735	0.16%	0.017%
57	17.892	2511	2517	2524	rBV	317011	446513	4.53%	0.489%
58	17.957	2525	2528	2536	rVB	27373	46317	0.47%	0.051%
59	18.175	2561	2565	2571	rVB9	8636	15972	0.16%	0.017%
60	18.339	2588	2593	2595	rBV5	12701	16951	0.17%	0.019%
61	18.751	2661	2663	2668	rVB5	7873	10652	0.11%	0.012%
62	18.922	2687	2692	2699	rBV	79054	112796	1.14%	0.124%
63	18.992	2699	2704	2708	rBV	88664	124215	1.26%	0.136%
64	19.063	2713	2716	2718	rBV4	11011	11785	0.12%	0.013%
65	19.186	2732	2737	2752	rBV	386500	584840	5.93%	0.640%
66	19.363	2760	2767	2775	rBV	6545359	9064680	91.91%	9.925%
67	20.398	2940	2943	2948	rBV2	35795	44753	0.45%	0.049%
68	21.192	3072	3078	3090	rVB	3706279	5035108	51.05%	5.513%
69	22.610	3316	3319	3325	rVB3	77585	112254	1.14%	0.123%
70	23.322	3436	3440	3450	rVB2	105559	206792	2.10%	0.226%
71	23.833	3517	3527	3541	rBV	4373241	9862563	100.00%	10.799%
72	24.027	3550	3560	3572	rVB	2365483	5491904	55.68%	6.013%
73	24.157	3577	3582	3591	rVB	153053	345961	3.51%	0.379%
74	25.145	3744	3750	3764	rVB3	150677	430387	4.36%	0.471%
75	26.327	3946	3951	3964	rVB4	121372	370772	3.76%	0.406%

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Title : SVOA CALIBRATION

Sum of corrected areas: 91332684

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Instrument :
BNA_N
ClientSampleId :
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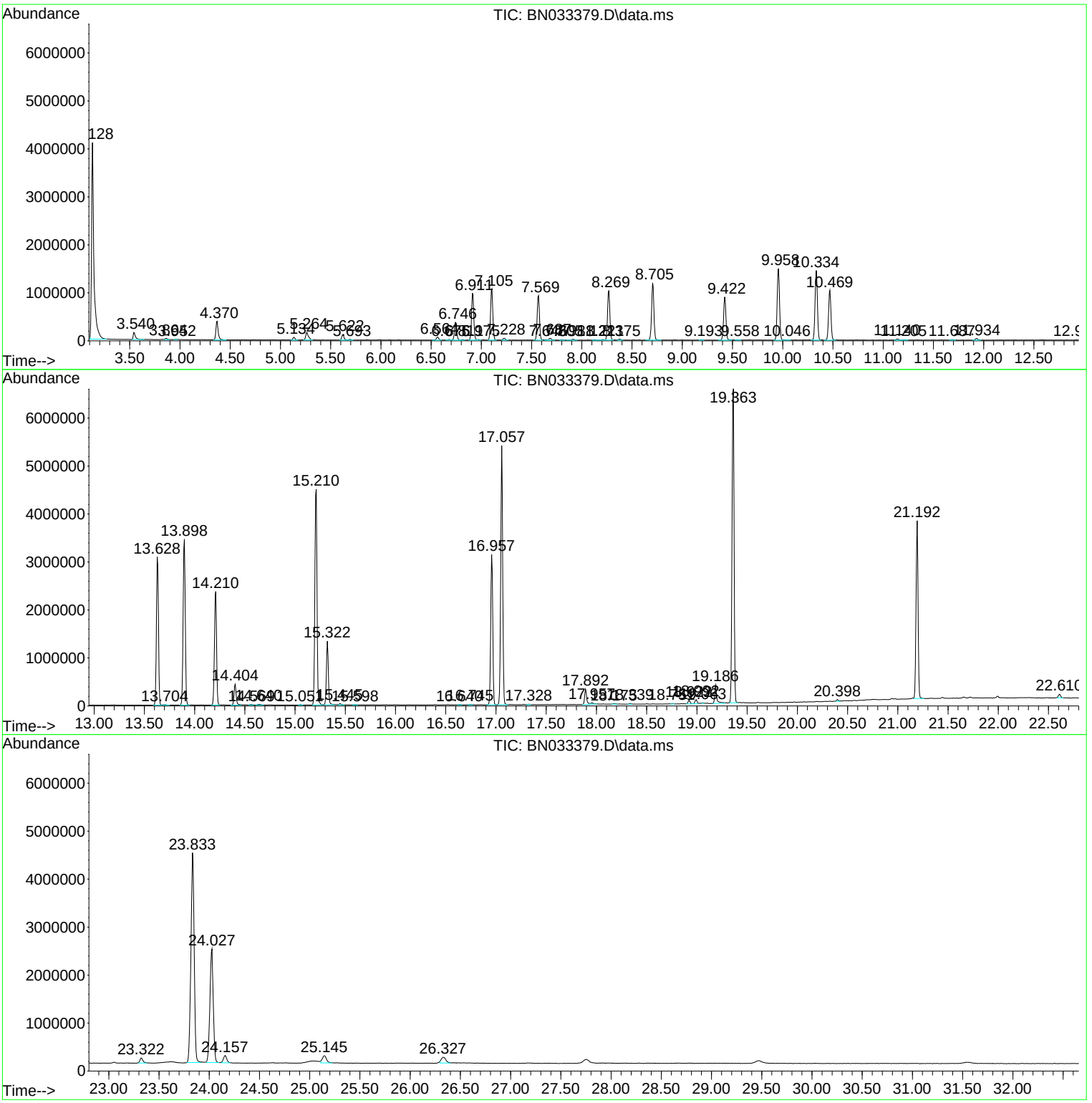
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081424\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
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TIC Library : C:\Database\NIST20.L
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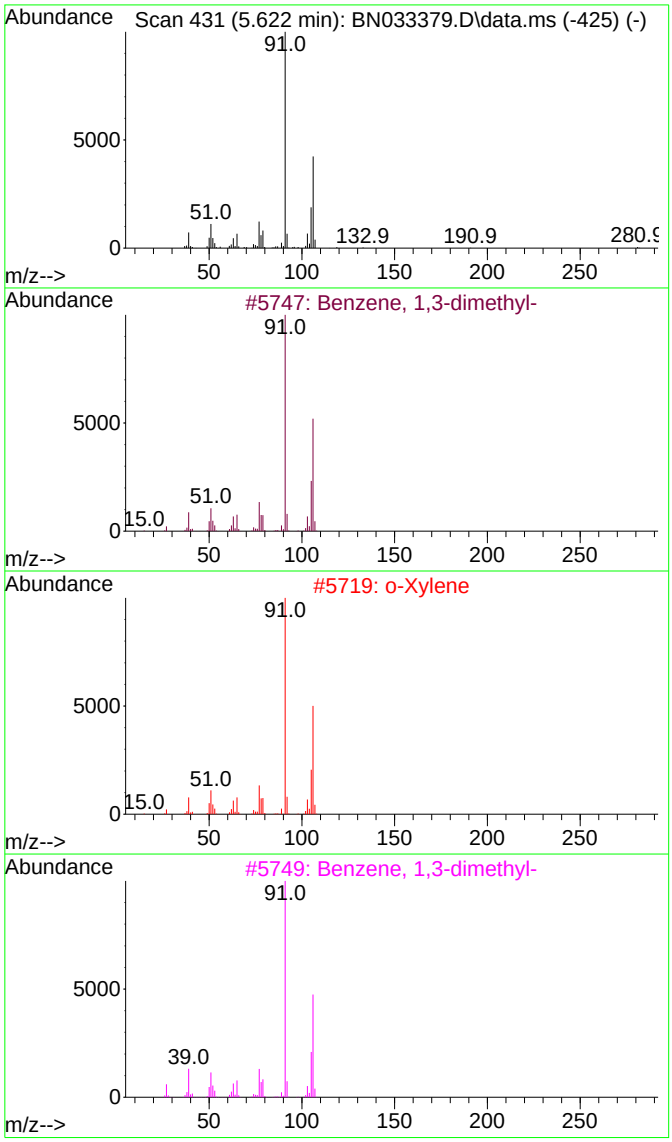
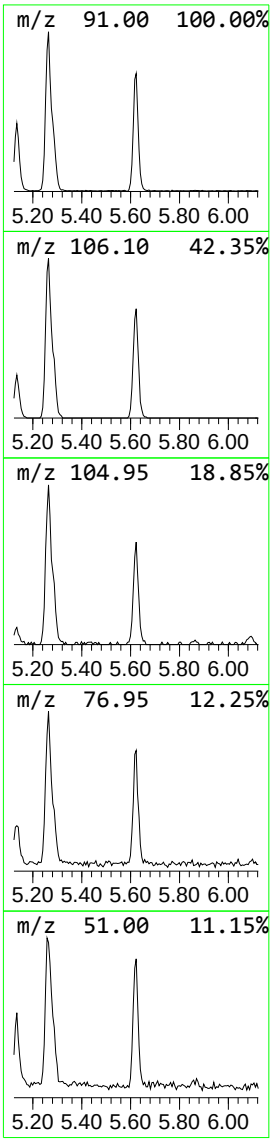
****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.622	2.35 ng/ul	170077	1,4-Dichlorobenzene-d4	7.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	p-Xylene	106	C8H10	000106-42-3	97





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B39

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION

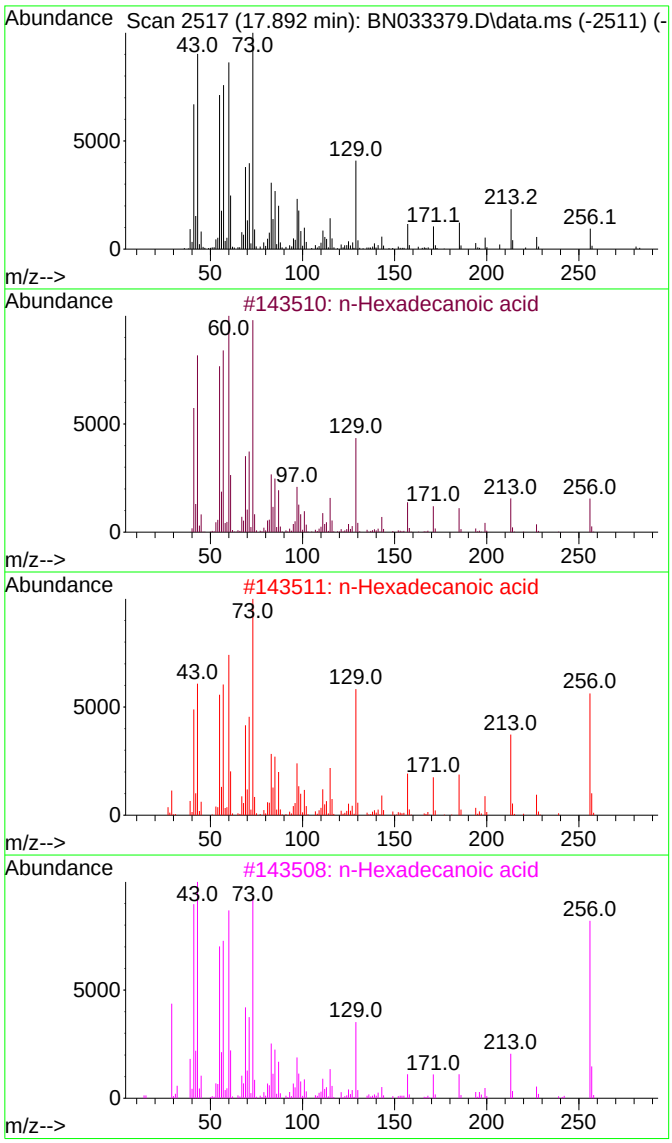
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

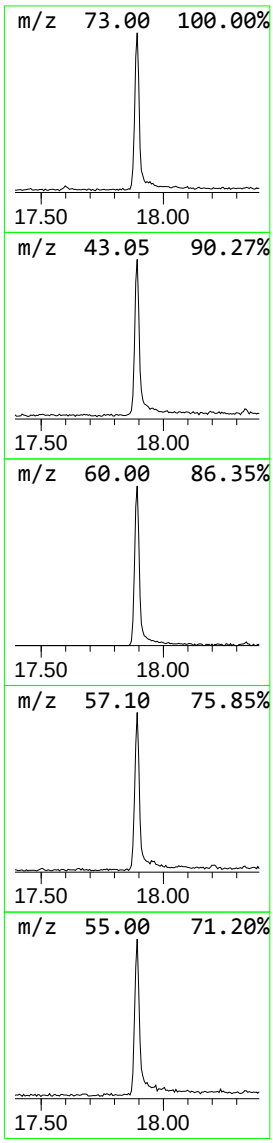
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	2.05 ng/ul	446513	Phenanthrene-d10	16.957

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	98
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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Sample : P3540-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B39

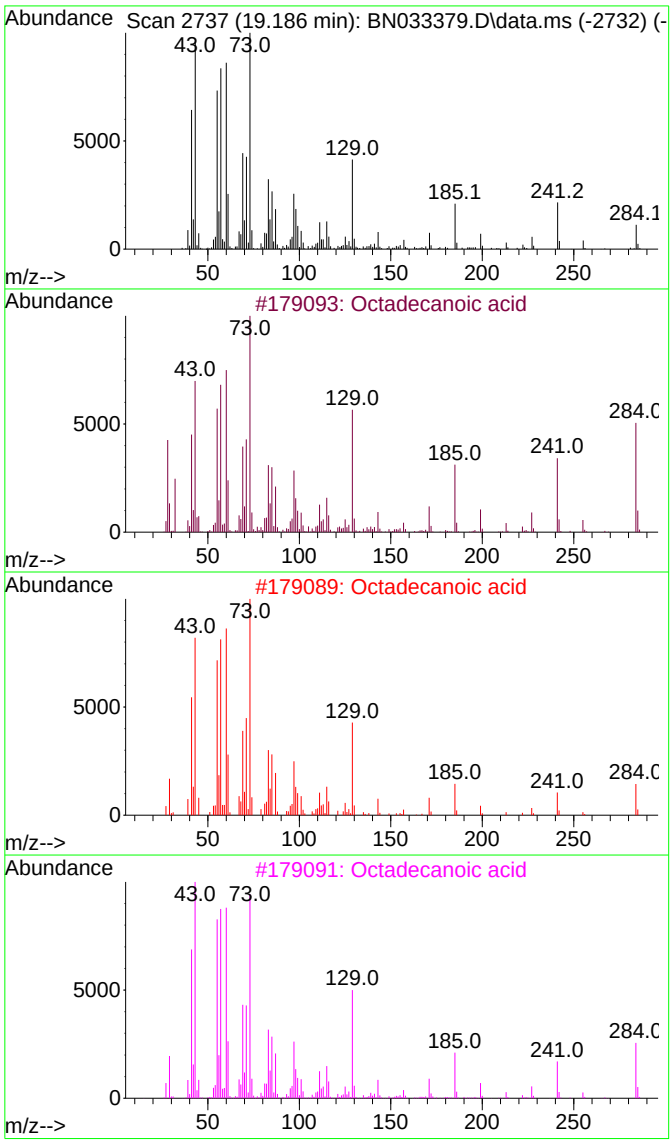
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION

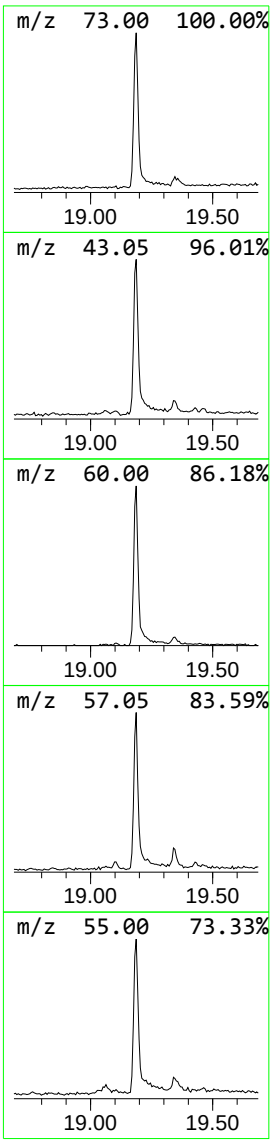
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	2.32 ng/ul	584840	Chrysene-d12	21.192

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
Benzene, 1,3-di...	5.622	2.4	ng/ul	170077	1	7.569	1448460	20.0
n-Hexadecanoic ...	17.892	2.0	ng/ul	446513	4	16.957	4360420	20.0
Octadecanoic acid	19.186	2.3	ng/ul	584840	5	21.192	5035110	20.0