LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023689.D
Acq On : 21 Jan 2025 18:49
Operator : RC/JU
Sample : Q1108-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : YE8F9

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-BP011425.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023689.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.317	35	39	46	rVB	123943	158293	2.11%	0.152%
2	3.722	104	108	129	rVB	853338	1262548	16.81%	1.213%
3	4.052	160	164	170	rVB	41015	55508	0.74%	0.053%
4	4.405	222	224	231	rVB7	12694	18264	0.24%	0.018%
5	4.952	313	317	327	rVB2	26503	47755	0.64%	0.046%
6	5.169	351	354	357	rBV4	6729	11237	0.15%	0.011%
7	6.211	527	531	536	rVB6	10786	16956	0.23%	0.016%
8	6.787	623	629	631	rBV6	7901	13985	0.19%	0.013%
9	6.969	653	660	672	rVV	1838084	2908604	38.73%	2.794%
10	7.134	682	688	700	rVB	1582984	2416402	32.18%	2.322%
11	7.340	716	723	736	rBV	1942171	2916056	38.83%	2.802%
12	7.452	736	742	747	rVV9	7735	22778	0.30%	0.022%
13	7.505	747	751	756	rVB8	7829	13967	0.19%	0.013%
14	7.805	795	802	809	rBV	2338747	3503517	46.65%	3.366%
15	7.863	809	812	820	rVB2	26428	41257	0.55%	0.040%
16	8.052	839	844	851	rBV9	9022	19672	0.26%	0.019%
17	8.363	893	897	899	rVB4	7879	10914	0.15%	0.010%
18	8.493	912	919	933	rBV	2018193	3184341	42.40%	3.059%
19	8.946	987	996	1004	rBV	1658366	2644672	35.22%	2.541%
20	9.116	1020	1025	1030	rBV2	33424	51460	0.69%	0.049%
21	9.405	1067	1074	1080	rVB	27936	47405	0.63%	0.046%
22	9.505	1083	1091	1099	rBV	128789	199851	2.66%	0.192%
23	9.663	1109	1118	1135	rVB	1051710	1710959	22.78%	1.644%
24	9.887	1151	1156	1165	rVB	7937	18813	0.25%	0.018%
25	10.199	1201	1209	1222	rBV	2100691	3243681	43.19%	3.116%
26	10.581	1265	1274	1283	rVB	3114587	4786945	63.74%	4.599%
27	10.704	1286	1295	1306	rBV	1844757	3239968	43.14%	3.113%
28	11.116	1359	1365	1371	rVB3	36234	57674	0.77%	0.055%
29	11.528	1429	1435	1437	rBV6	5778	8322	0.11%	0.008%
30	11.893	1490	1497	1501	rBV10	4727	9140	0.12%	0.009%
31	12.016	1511	1518	1522	rVB9	7866	13446	0.18%	0.013%
32	12.069	1522	1527	1532	rBV3	8368	15755	0.21%	0.015%
33	12.163	1535	1543	1549	rVB2	34370	63039	0.84%	0.061%
34	13.198	1715	1719	1725	rBV7	4582	8915	0.12%	0.009%
35	13.263	1727	1730	1734	rVV5	8258	12599	0.17%	0.012%
36	13.328	1737	1741	1744	rVV6	4482	7525	0.10%	0.007%

LSC Area Percent Report

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Sample : Q1108-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YE8F9

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-BP011425.MA.M
Title : SVOA CALIBRATION

37	13.393	1748	1752	1759	rVB7	8726	17625	0.23%	0.017%
38	13.828	1819	1826	1833	rBV	2994090	4238464	56.44%	4.072%
39	13.875	1833	1834	1842	rVV8	16686	26525	0.35%	0.025%
40	13.940	1842	1845	1849	rVV6	5379	8131	0.11%	0.008%
41	14.116	1865	1875	1885	rBV	3954289	5843483	77.81%	5.614%
42	14.345	1909	1914	1920	rVB9	7154	14323	0.19%	0.014%
43	14.428	1920	1928	1936	rBV	3795768	5855665	77.98%	5.626%
44	14.487	1936	1938	1946	rVB9	6641	12002	0.16%	0.012%
45	14.604	1951	1958	1972	rBV	991456	1491931	19.87%	1.433%
46	14.851	1996	2000	2005	rVB8	12146	17807	0.24%	0.017%
47	15.257	2065	2069	2075	rVV3	16089	24179	0.32%	0.023%
48	15.434	2092	2099	2111	rBV	5093538	6766552	90.11%	6.501%
49	15.534	2111	2116	2124	rBV	522761	697876	9.29%	0.670%
50	15.675	2136	2140	2145	rVB4	17713	28014	0.37%	0.027%
51	15.804	2156	2162	2171	rBV	1364720	1672183	22.27%	1.607%
52	16.098	2209	2212	2216	rBV6	5525	9361	0.12%	0.009%
53	16.228	2230	2234	2241	rVB9	7668	13433	0.18%	0.013%
54	16.381	2255	2260	2268	rBV	68887	106428	1.42%	0.102%
55	16.616	2296	2300	2307	rBV10	11198	21865	0.29%	0.021%
56	16.763	2320	2325	2332	rVB6	10816	19010	0.25%	0.018%
57	16.898	2343	2348	2352	rVB8	8389	16702	0.22%	0.016%
58	17.004	2360	2366	2370	rVB3	17044	28221	0.38%	0.027%
59	17.163	2390	2393	2395	rBV4	11975	13478	0.18%	0.013%
60	17.222	2395	2403	2412	rVV	4088844	6273511	83.54%	6.027%
61	17.322	2414	2420	2432	rVV	4820826	6691347	89.10%	6.429%
62	17.586	2462	2465	2468	rBV5	14084	15609	0.21%	0.015%
63	17.633	2471	2473	2478	rVB6	8604	11248	0.15%	0.011%
64	18.163	2558	2563	2572	rBV	431789	648539	8.64%	0.623%
65	18.480	2613	2617	2619	rBV5	16219	23978	0.32%	0.023%
66	18.622	2637	2641	2649	rVB6	41567	67146	0.89%	0.065%
67	19.033	2707	2711	2722	rVB4	54344	121059	1.61%	0.116%
68	19.239	2742	2746	2753	rBV2	49523	78661	1.05%	0.076%
69	19.310	2755	2758	2763	rVV	41260	65077	0.87%	0.063%
70	19.369	2764	2768	2775	rVV3	68170	108872	1.45%	0.105%
71	19.492	2786	2789	2797	rBV2	177082	253653	3.38%	0.244%
72	19.692	2817	2823	2831	rBV	5178007	7432950	98.98%	7.141%
73	21.339	3099	3103	3112	rBV2	239044	432149	5.75%	0.415%
74	21.663	3152	3158	3167	rBV2	4258399	6851521	91.24%	6.583%
75	23.292	3429	3435	3444	rBV	564879	1316130	17.53%	1.264%
76	24.798	3683	3691	3708	rVB	2212843	6478977	86.28%	6.225%

LSC Area Percent Report

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Data File : BP023689.D
Acq On : 21 Jan 2025 18:49
Operator : RC/JU
Sample : Q1108-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YE8F9

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-BP011425.MA.M
Title : SVOA CALIBRATION

77	25.045	3724	3733	3749	rVB3	2805359	7509533	100.00%	7.215%

Sum of corrected areas: 104085441

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
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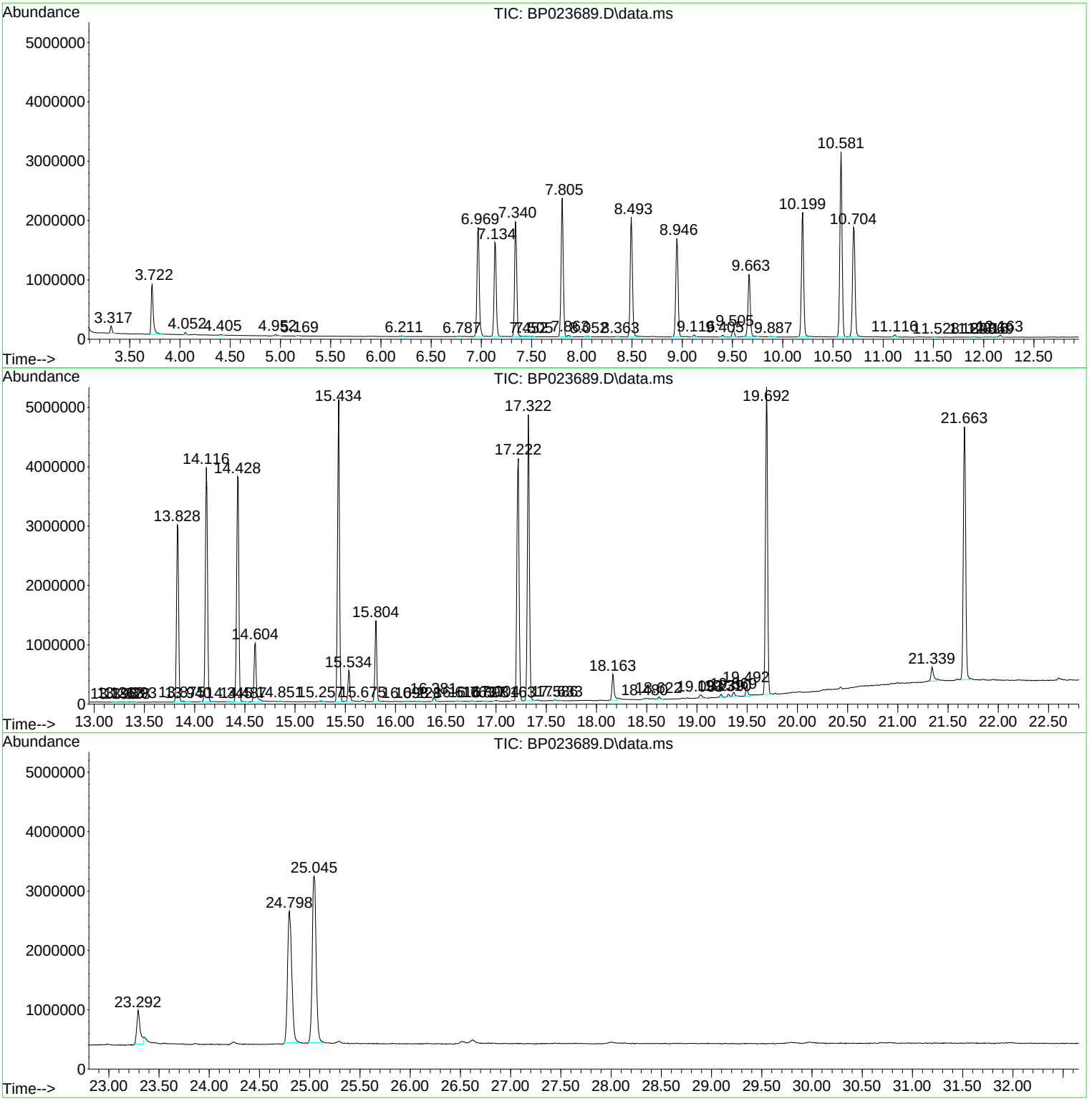
Acq On : 21 Jan 2025 18:49
Operator : RC/JU
Sample : Q1108-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YE8F9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023689.D
Acq On : 21 Jan 2025 18:49
Operator : RC/JU
Sample : Q1108-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

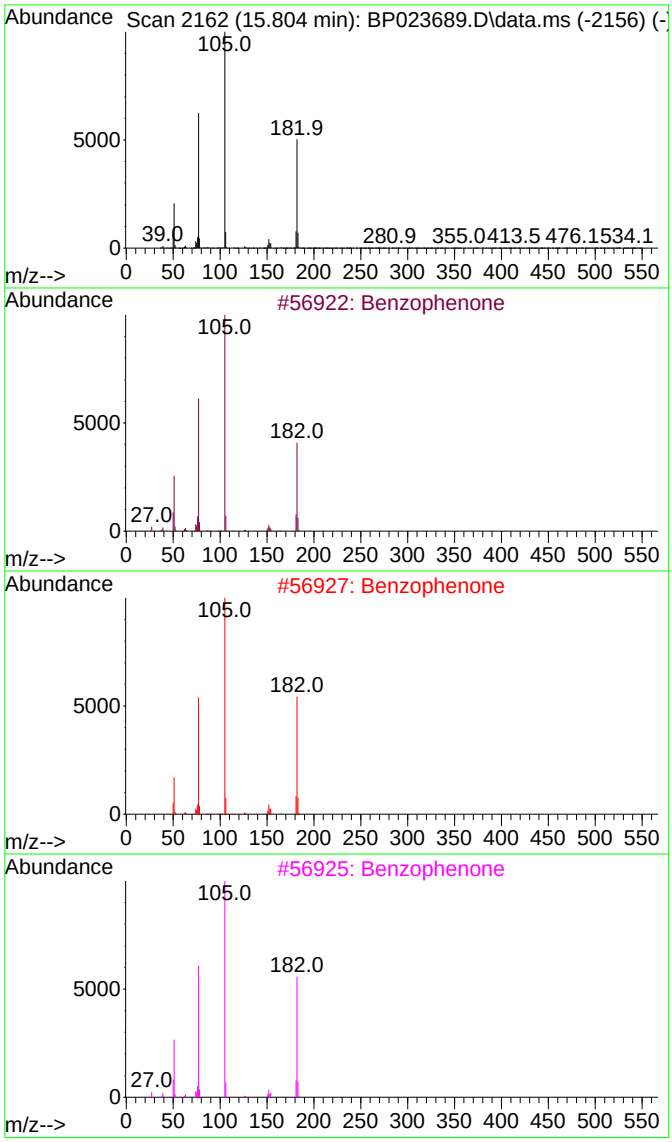
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

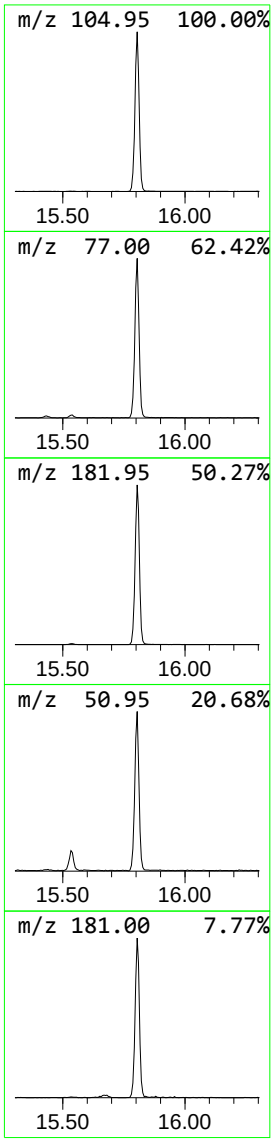
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	5.71 ng/ul	1672180	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023689.D
Acq On : 21 Jan 2025 18:49
Operator : RC/JU
Sample : Q1108-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YE8F9

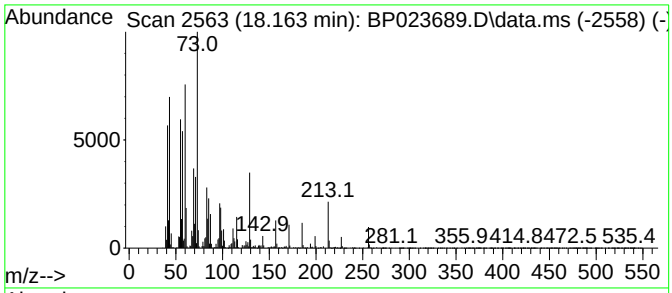
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

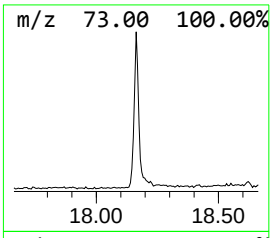
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

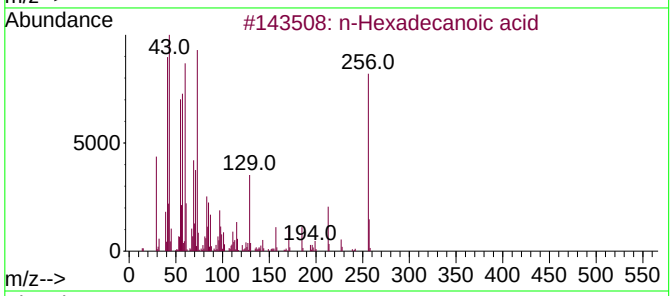
****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

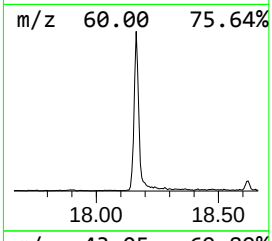
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	2.07 ng/ul	648539	Phenanthrene-d10	17.222

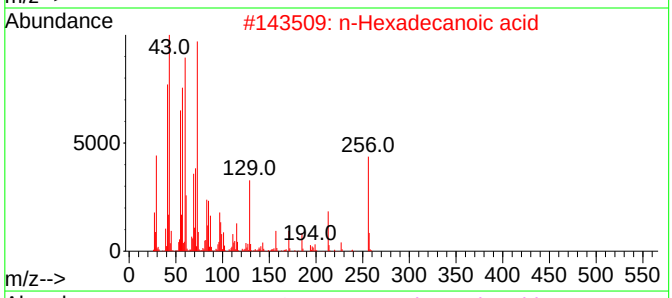
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96

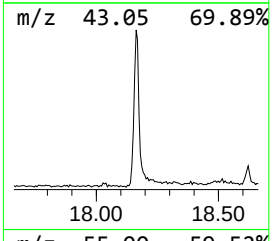


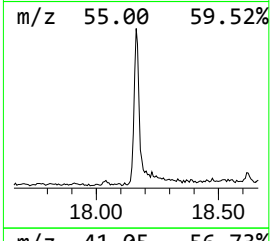


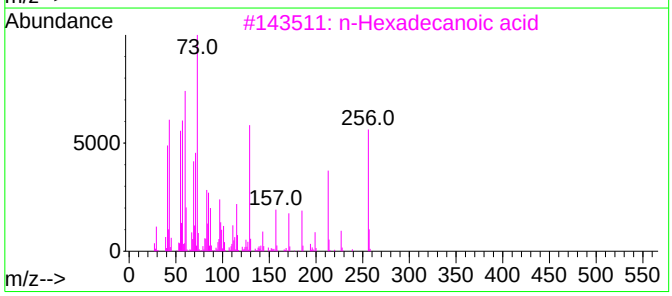


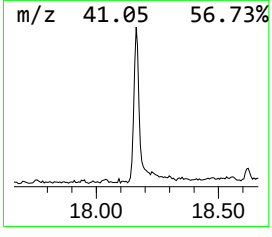












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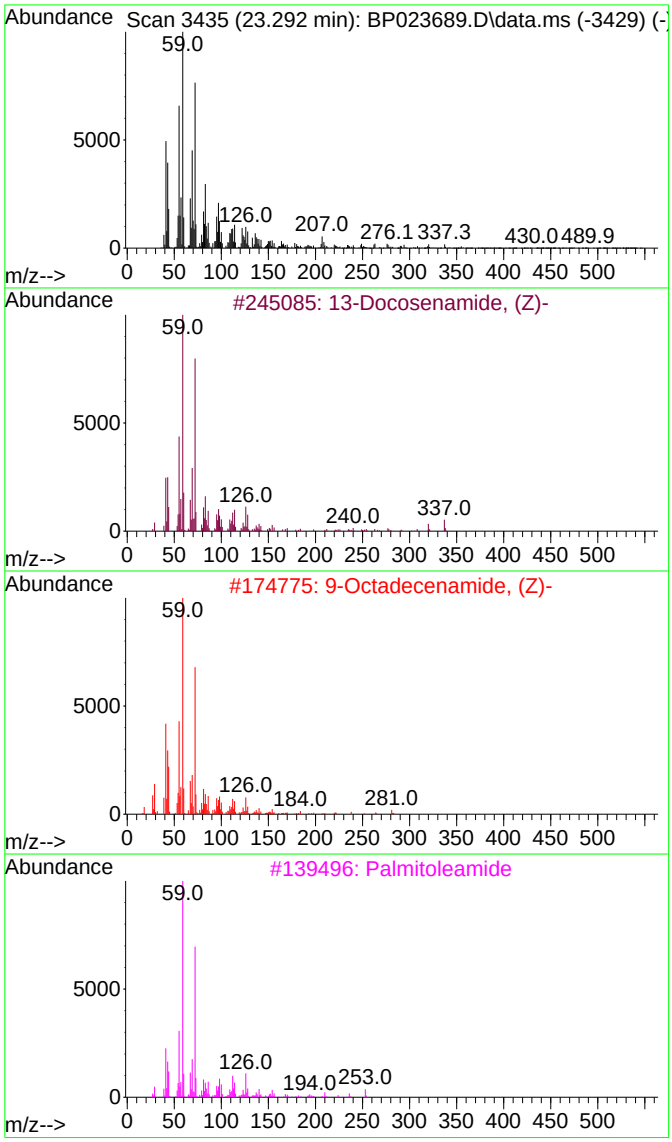
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

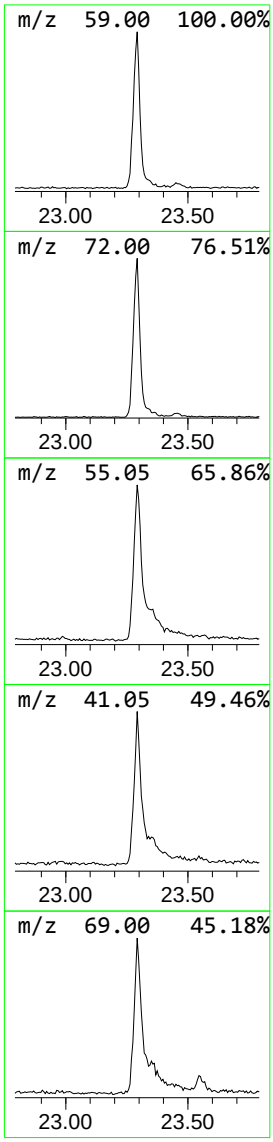
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 13-Docosenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.292	3.84 ng/ul	1316130	Chrysene-d12	21.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	98
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
3	Palmitoleamide	253	C16H31NO	106010-22-4	72
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
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
Benzophenone	15.804	5.7	ng/ul	1672180	3	14.428	5855670	20.0
n-Hexadecanoic ...	18.163	2.1	ng/ul	648539	4	17.222	6273510	20.0
13-Docosenamide...	23.292	3.8	ng/ul	1316130	5	21.663	6851520	20.0