

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
 Data File : BG064920.D
 Acq On : 10 Dec 2025 14:27
 Operator : RC/JU
 Sample : Q3814-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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_G\Methods\8270-BG111225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064920.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.120	3	5	14	rVB4	10334	20601	1.14%	0.229%
2	3.202	14	19	29	rVB2	36354	58943	3.27%	0.656%
3	5.206	354	360	369	rBV	72336	108986	6.04%	1.213%
4	5.694	435	443	453	rBV	270378	443863	24.61%	4.940%
5	7.298	707	716	725	rBV	258259	460459	25.53%	5.125%
6	8.155	855	862	870	rBV	63054	106903	5.93%	1.190%
7	9.313	1052	1059	1071	rBV	159393	299649	16.61%	3.335%
8	10.970	1334	1341	1350	rBV	70805	141281	7.83%	1.572%
9	13.396	1747	1754	1769	rBV	471338	744079	41.25%	8.281%
10	14.765	1979	1987	1995	rBV	138656	220828	12.24%	2.458%
11	16.105	2207	2215	2222	rBV	57576	94258	5.23%	1.049%
12	16.240	2231	2238	2251	rBV2	562180	897005	49.73%	9.983%
13	17.497	2445	2452	2456	rBV2	204010	331779	18.40%	3.693%
14	17.533	2456	2458	2465	rVB	32607	48343	2.68%	0.538%
15	18.367	2594	2600	2605	rBV	154160	224390	12.44%	2.497%
16	18.984	2699	2705	2713	rVV4	10671	25133	1.39%	0.280%
17	19.413	2773	2778	2786	rVB4	16582	34364	1.91%	0.382%
18	19.530	2792	2798	2803	rBV	53855	79964	4.43%	0.890%
19	19.624	2809	2814	2819	rVB	66668	95520	5.30%	1.063%
20	19.889	2849	2859	2867	rBV	54352	101835	5.65%	1.133%
21	19.971	2867	2873	2881	rBV4	24895	56283	3.12%	0.626%
22	20.083	2886	2892	2905	rVV	1377400	1803623	100.00%	20.073%
23	20.782	3008	3011	3017	rBV2	29304	43419	2.41%	0.483%
24	21.187	3073	3080	3088	rVB	427841	803468	44.55%	8.942%
25	21.369	3107	3111	3124	rBV3	52022	96064	5.33%	1.069%
26	21.581	3143	3147	3156	rVB2	34800	79796	4.42%	0.888%
27	21.745	3167	3175	3180	rBV2	315987	583986	32.38%	6.499%
28	21.787	3180	3182	3189	rVB2	38793	58346	3.23%	0.649%
29	22.486	3296	3301	3308	rBV3	36725	85458	4.74%	0.951%
30	23.532	3472	3479	3486	rVB4	23511	60680	3.36%	0.675%
31	23.972	3545	3554	3560	rBV3	21896	74057	4.11%	0.824%
32	25.000	3718	3729	3744	rBV	193001	613446	34.01%	6.827%
33	26.175	3922	3929	3942	rVB4	25691	88347	4.90%	0.983%

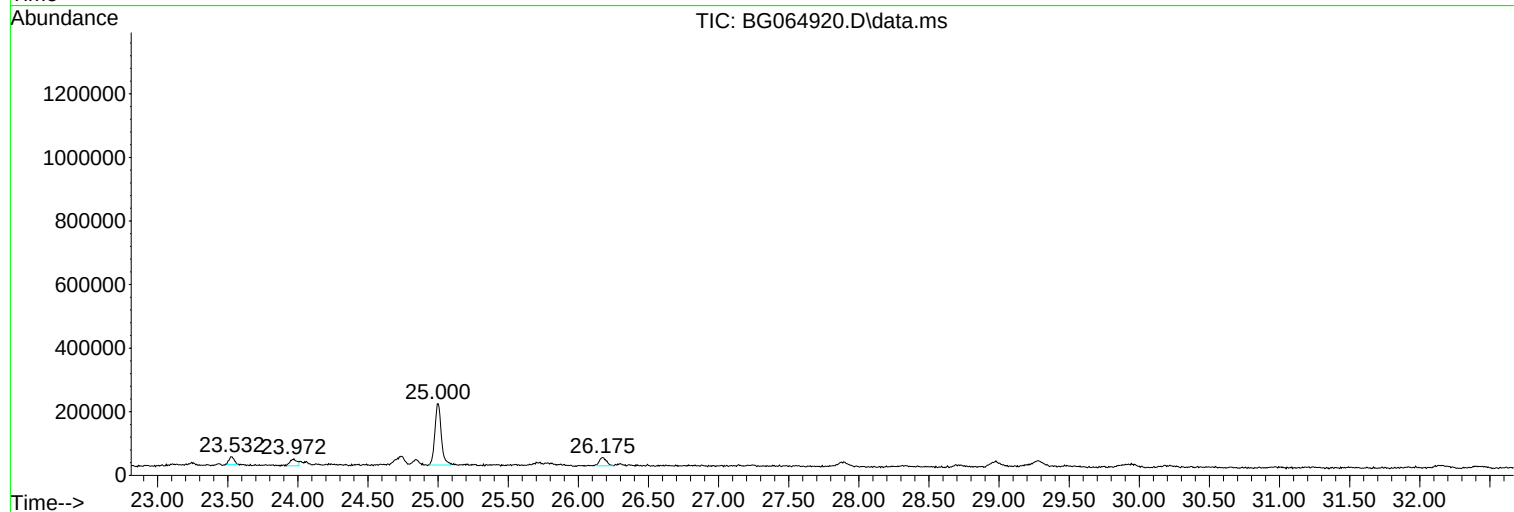
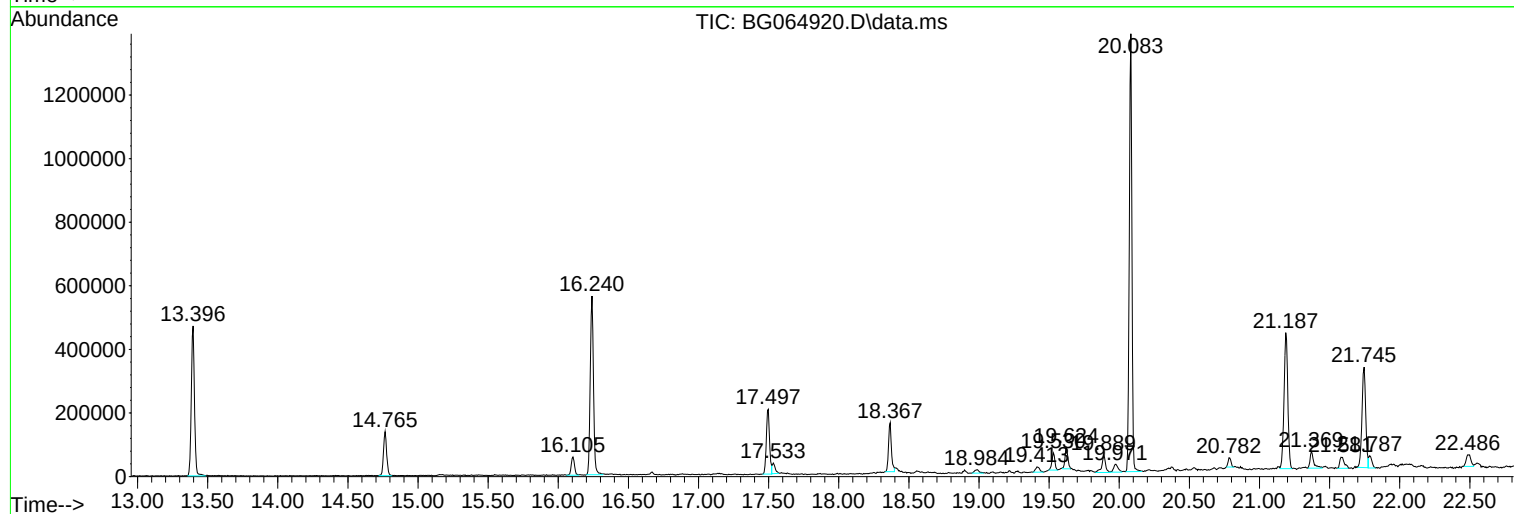
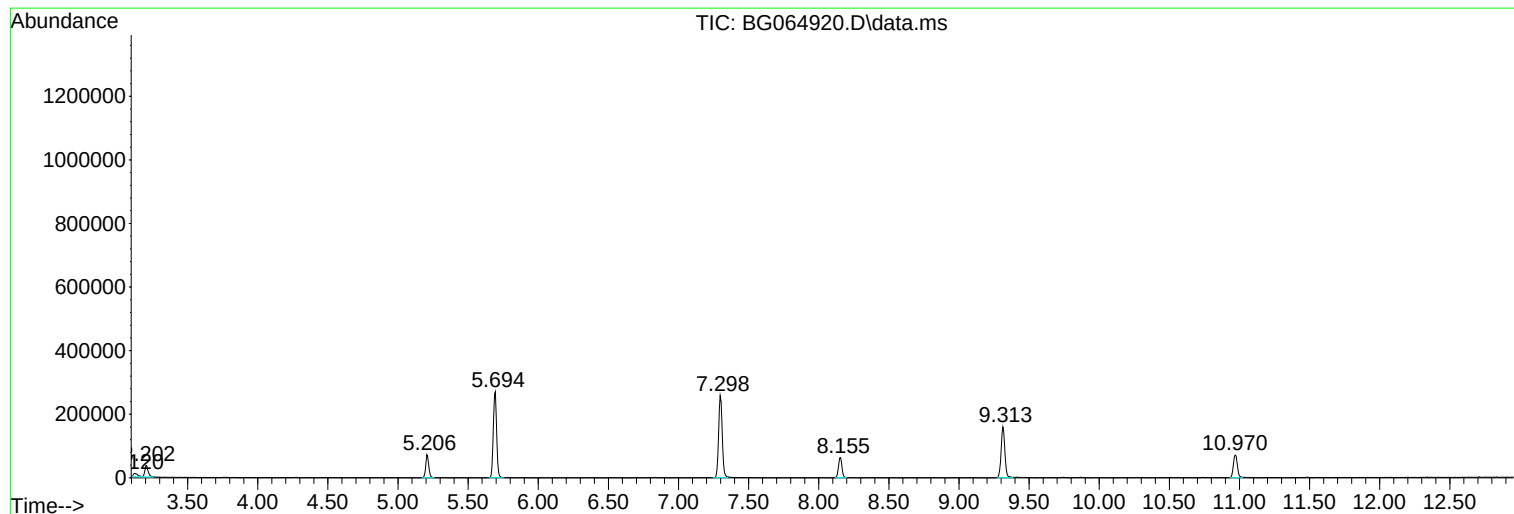
Sum of corrected areas: 8985156

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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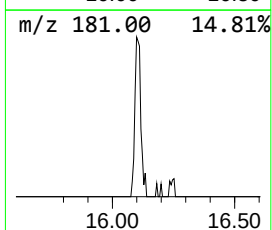
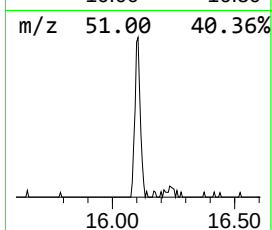
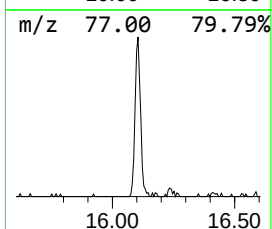
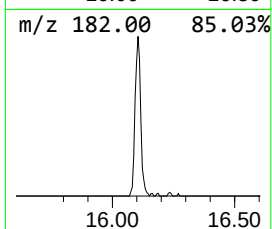
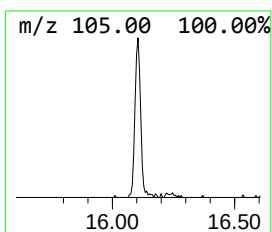
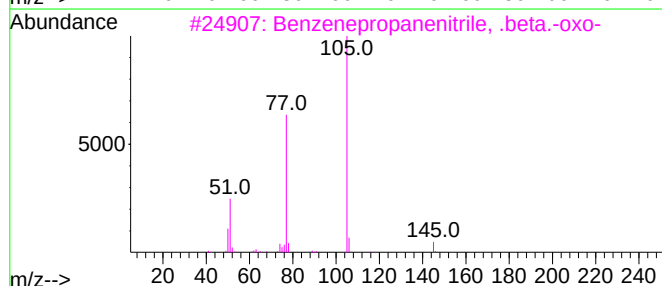
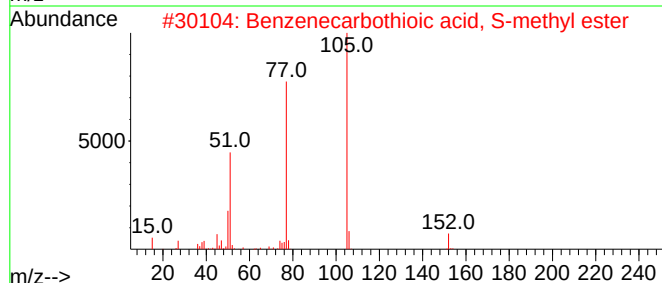
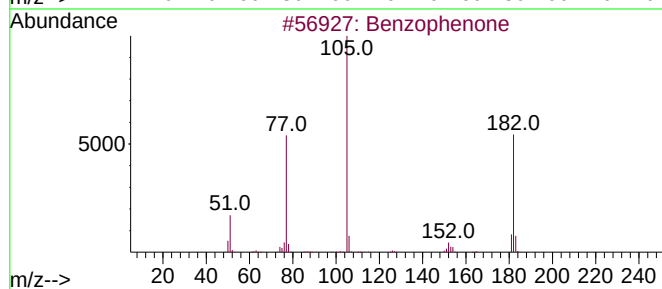
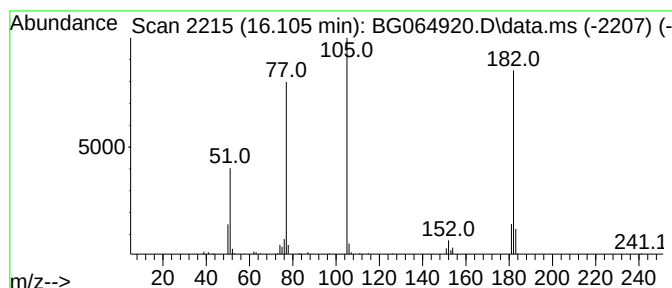
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.105	8.54 ng	94258	Acenaphthene-d10	14.765

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	46
4			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43
5			Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	43



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ClientSampleId :
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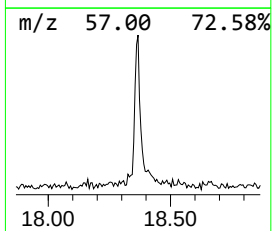
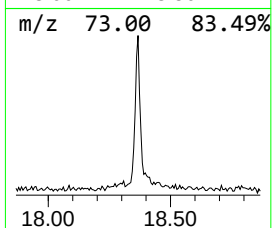
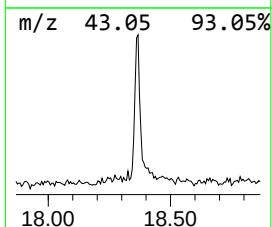
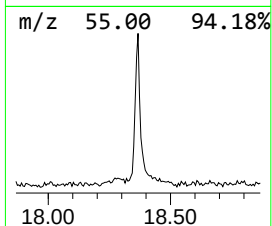
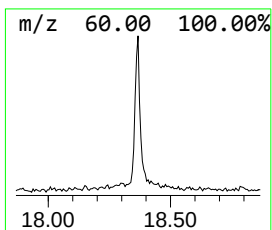
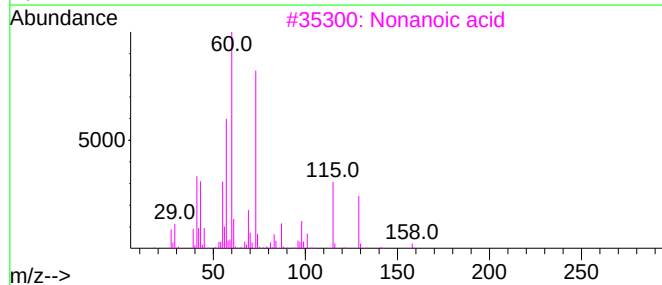
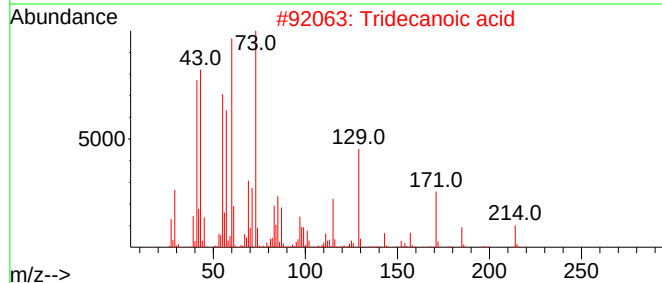
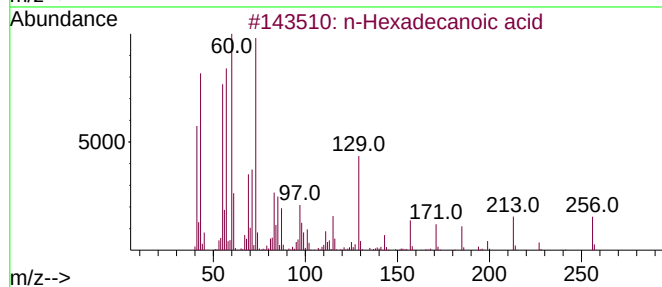
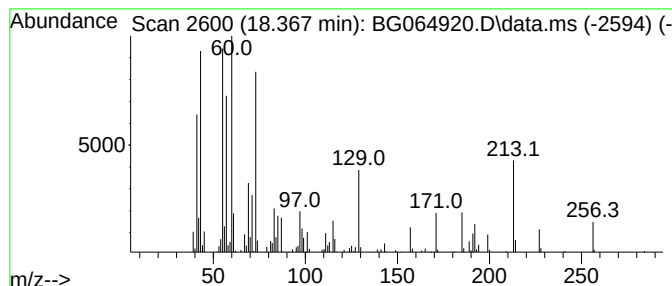
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.367	13.53 ng	224390	Phenanthrene-d10	17.497

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	86
3			Nonanoic acid	158	C9H18O2	000112-05-0	46
4			n-Decanoic acid	172	C10H20O2	000334-48-5	46
5			Octadecanoic acid	284	C18H36O2	000057-11-4	43



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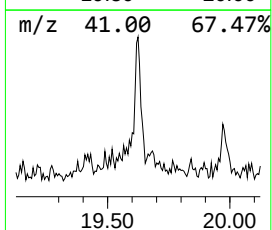
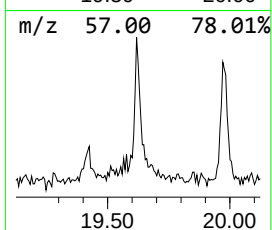
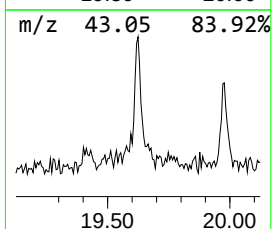
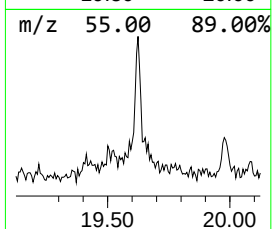
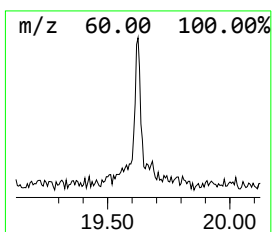
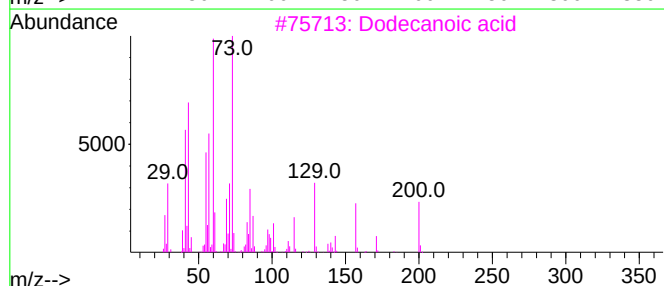
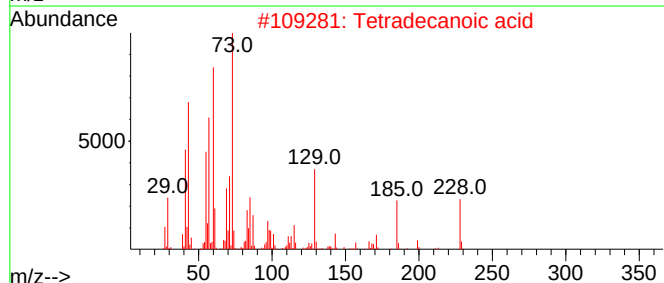
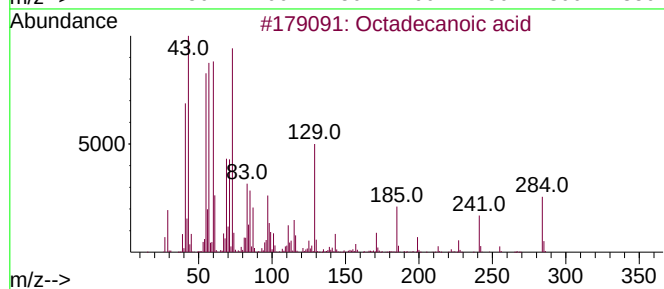
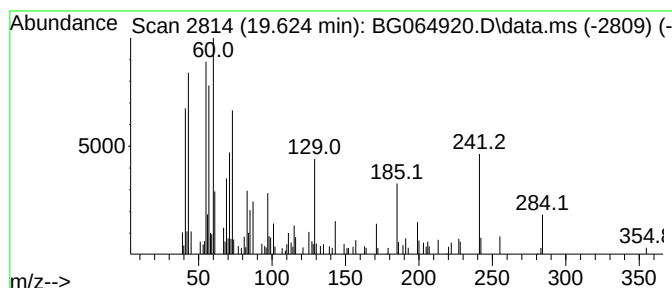
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.624	3.27 ng	95520	Chrysene-d12	21.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3			Dodecanoic acid	200	C12H24O2	000143-07-7	50
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
5			n-Decanoic acid	172	C10H20O2	000334-48-5	45



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	16.105	8.5	ng	94258	3	14.765	220828	20.0
n-Hexadecanoic ...	18.367	13.5	ng	224390	4	17.497	331779	20.0
Octadecanoic acid	19.624	3.3	ng	95520	5	21.745	583986	20.0