LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
Data File : BM022489.D
Acq On : 01 Sep 2019 22:30
Operator : HP/JU
Sample : K4555-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TW-12

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_M\METHODS\8270-BM082919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.128	359	364	380	rBV	110941	180751	10.74%	3.314%
2	6.710	628	633	644	rBV	59062	115890	6.88%	2.125%
3	7.040	684	689	706	rBB	226636	384258	22.82%	7.045%
4	7.504	763	768	776	rBB	46545	68750	4.08%	1.260%
5	7.810	815	820	831	rBB	211353	348564	20.70%	6.390%
6	8.681	962	968	986	rBV	121335	259894	15.44%	4.765%
7	10.286	1235	1241	1255	rBV	34896	77442	4.60%	1.420%
8	12.775	1657	1664	1681	rBV	353464	611447	36.32%	11.210%
9	14.174	1897	1902	1913	rBB	69281	111619	6.63%	2.046%
10	14.292	1917	1922	1934	rBV4	30023	97964	5.82%	1.796%
11	15.680	2153	2158	2172	rBV	467922	685899	40.74%	12.574%
12	16.939	2367	2372	2384	rBV2	87972	143900	8.55%	2.638%
13	17.833	2519	2524	2531	rBV	18697	28009	1.66%	0.513%
14	19.121	2740	2743	2753	rBV2	12400	21927	1.30%	0.402%
15	19.580	2816	2821	2834	rBV	1479978	1683518	100.00%	30.864%
16	20.850	3032	3037	3047	rVB5	30538	53490	3.18%	0.981%
17	21.156	3084	3089	3097	rBV	181332	266378	15.82%	4.883%
18	23.156	3427	3429	3435	rVB4	17999	27321	1.62%	0.501%
19	23.339	3455	3460	3471	rVB	138297	287680	17.09%	5.274%

Sum of corrected areas: 5454701

LSC Report - Integrated Chromatogram

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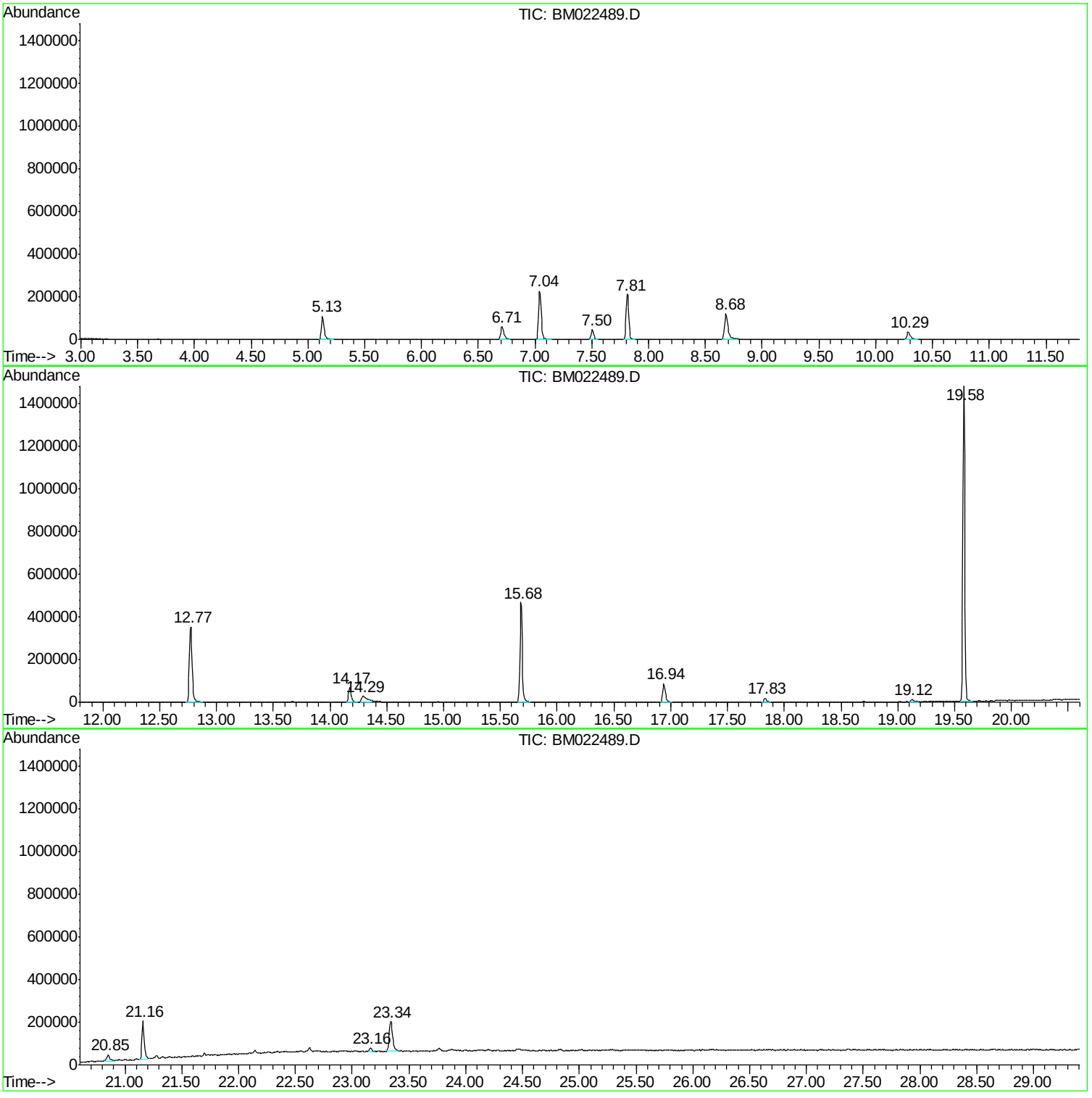
Instrument :
BNA_M
ClientSampleId :
TW-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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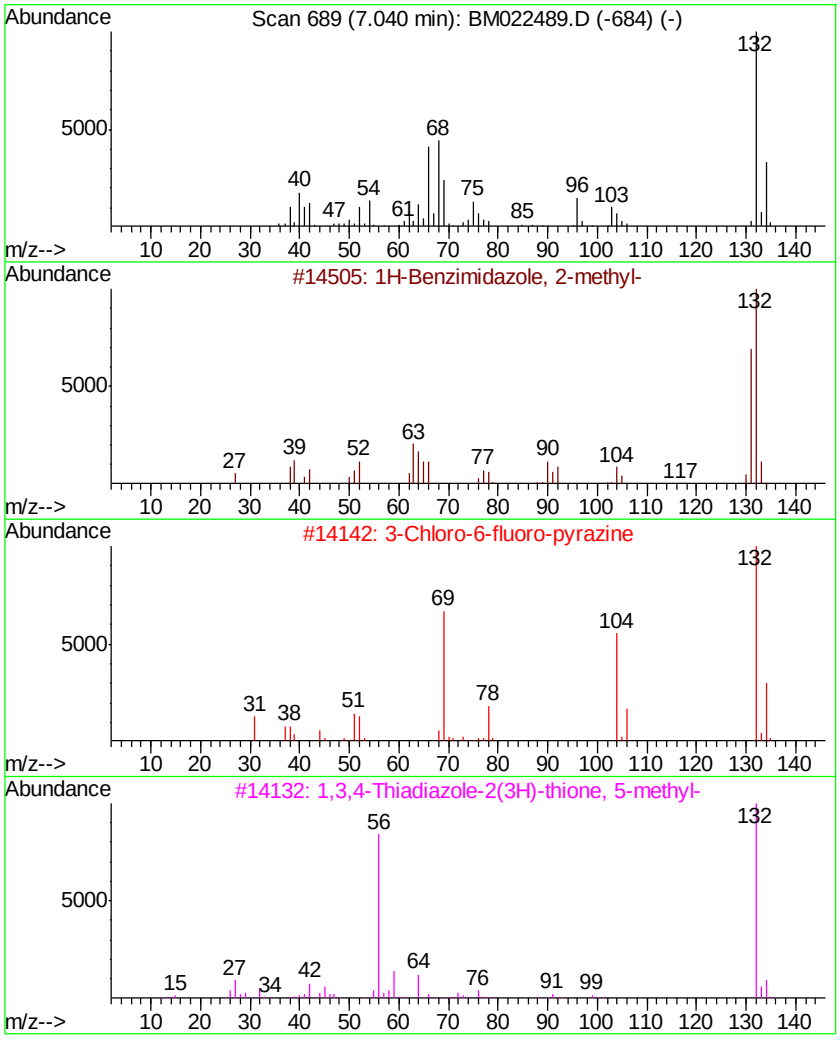
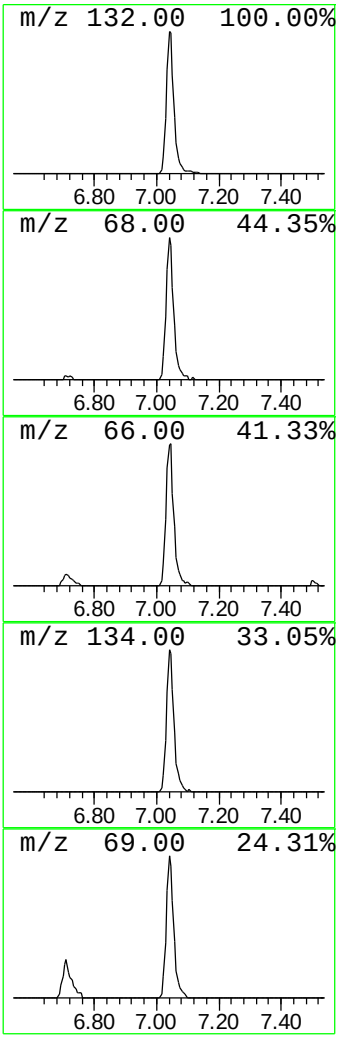
Peak Number 1 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	111.78 ng	384258	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	18
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14





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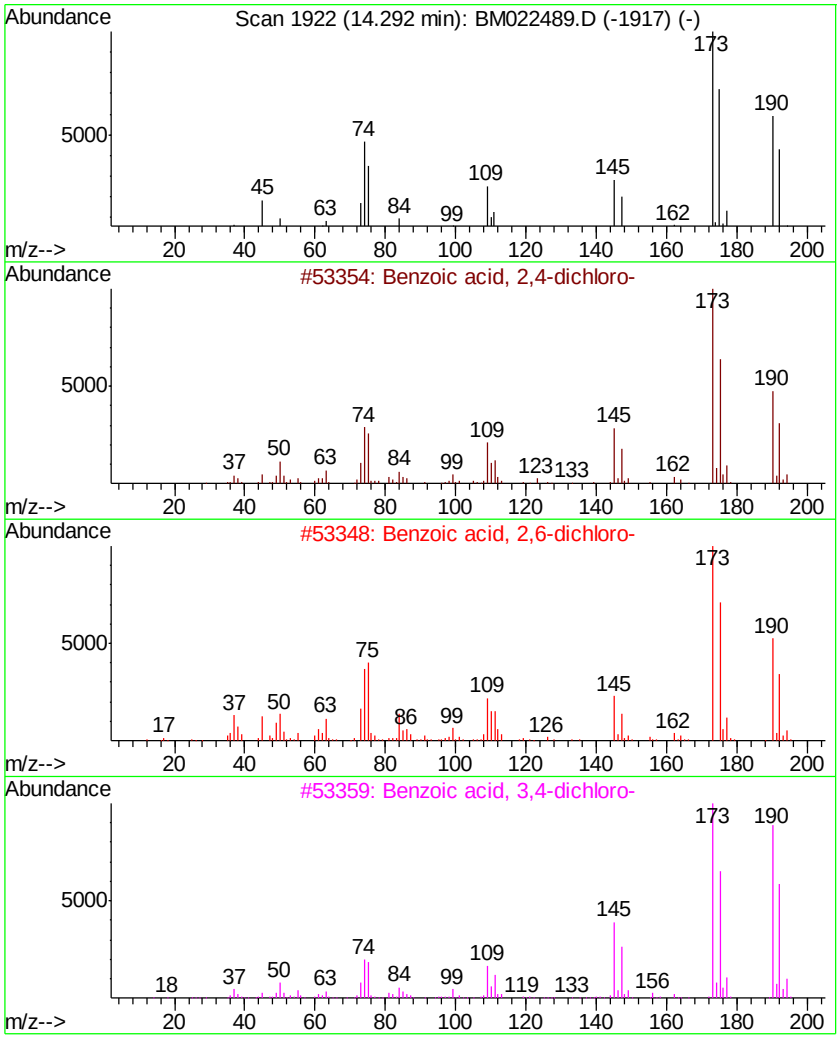
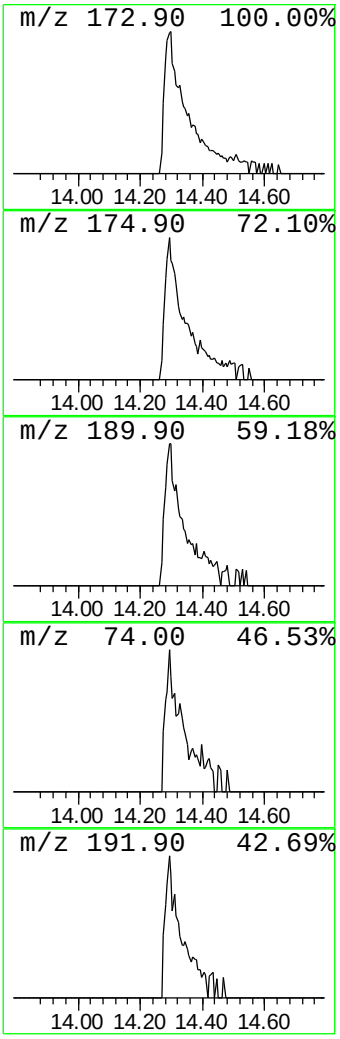
Peak Number 3 Benzoic acid, 2,4-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	17.55 ng	97964	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	98
2	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	94
3	Benzoic acid, 3,4-dichloro-	190	C7H4Cl2O2	000051-44-5	76
4	Benzoic acid, 2,3-dichloro-	190	C7H4Cl2O2	000050-45-3	76
5	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	64





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : TW-12

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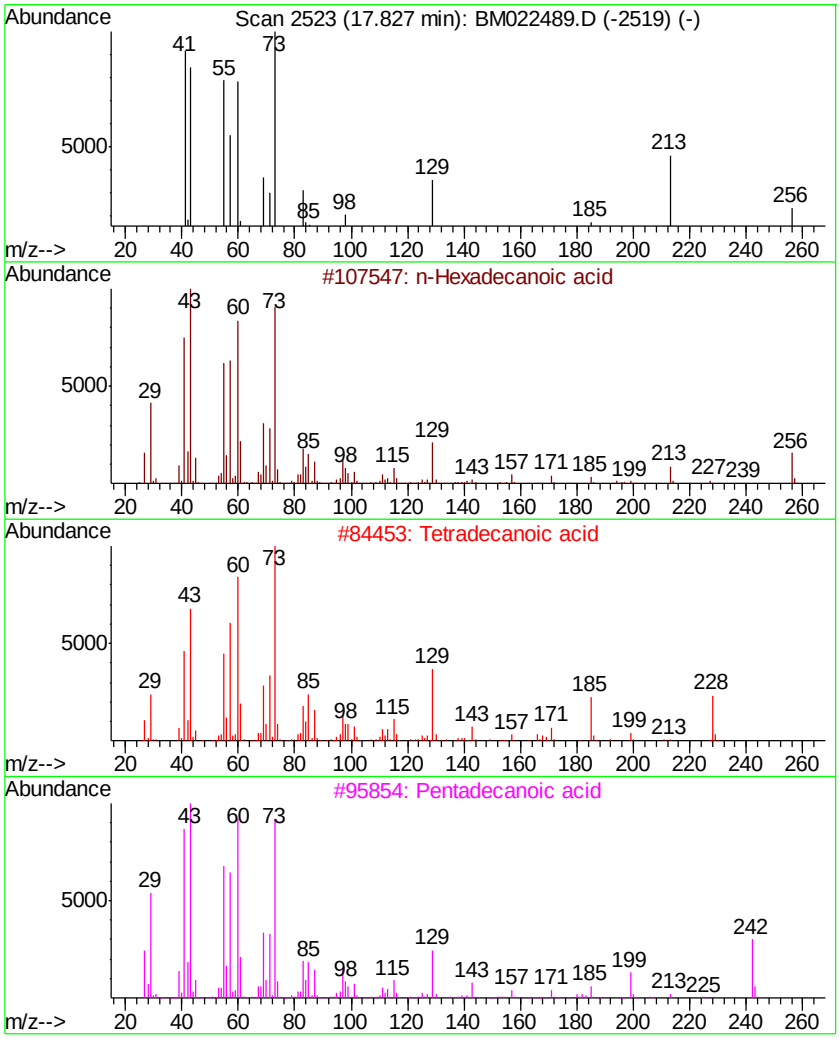
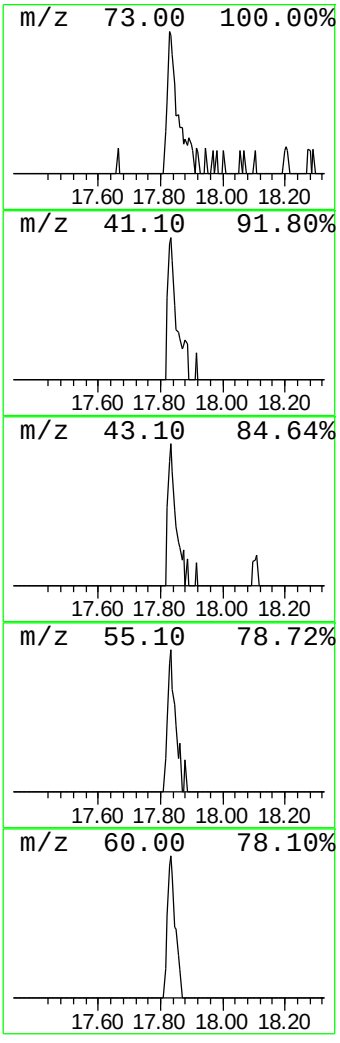
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.89 ng	28009	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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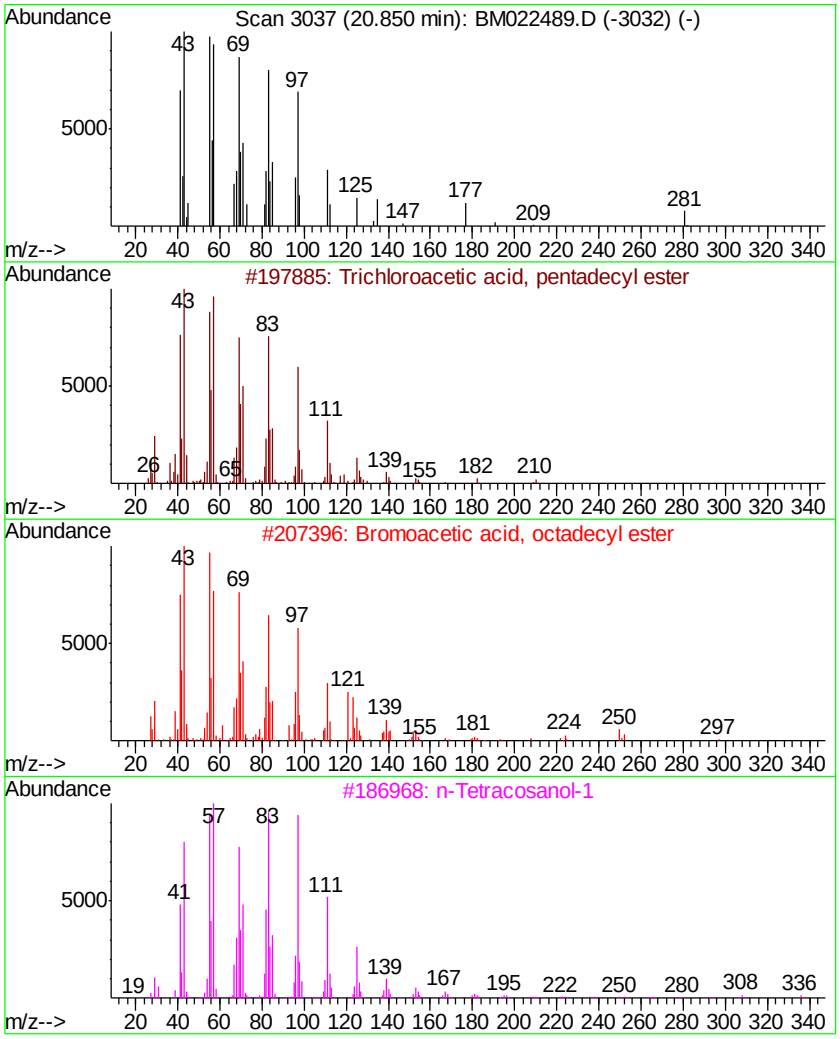
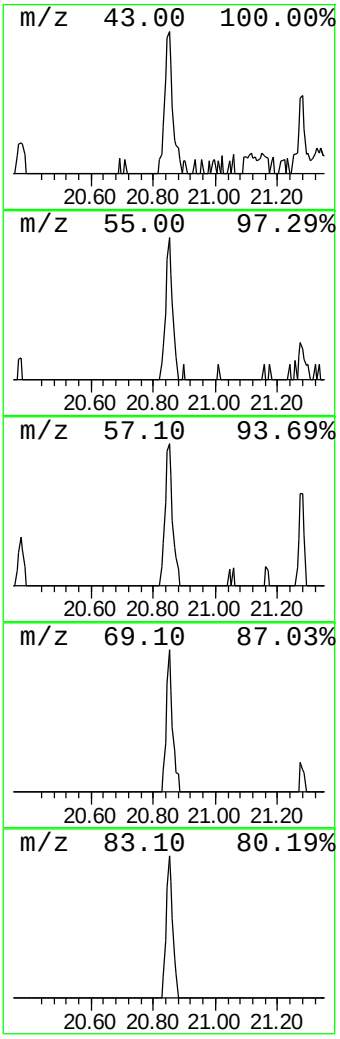
Peak Number 5 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.02 ng	53490	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	95
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.04	7.04	111.8	ng	384258	1	7.50	68750	20.0
Benzoic acid, 2,4...	14.29	17.6	ng	97964	3	14.17	111619	20.0
n-Hexadecanoic acid	17.83	3.9	ng	28009	4	16.94	143900	20.0
Trichloroacetic a...	20.85	4.0	ng	53490	5	21.16	266378	20.0