LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022510.D
Acq On : 03 Sep 2019 19:33
Operator : HP/JU
Sample : K4555-22
Misc :
ALS Vial : 18 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	382	rBB	172372	271682	16.61%	4.046%
2	6.704	627	632	649	rBV	87827	170619	10.43%	2.541%
3	7.040	683	689	706	rBB	376272	582539	35.62%	8.676%
4	7.504	763	768	776	rBB	75665	119141	7.28%	1.774%
5	7.810	814	820	831	rBB	351926	558464	34.14%	8.318%
6	8.681	961	968	992	rBV	184992	395943	24.21%	5.897%
7	10.286	1234	1241	1258	rBV2	56951	127326	7.78%	1.896%
8	12.769	1657	1663	1682	rBV	566783	902296	55.17%	13.438%
9	14.174	1896	1902	1915	rBB2	98080	158983	9.72%	2.368%
10	14.292	1916	1922	1943	rBV3	45947	171139	10.46%	2.549%
11	15.680	2153	2158	2176	rBB	635100	874732	53.48%	13.028%
12	16.939	2366	2372	2386	rBV	102836	173672	10.62%	2.587%
13	17.833	2520	2524	2536	rBV3	19124	32126	1.96%	0.478%
14	19.121	2739	2743	2752	rBV4	10664	19368	1.18%	0.288%
15	19.580	2816	2821	2832	rBV	1434724	1635598	100.00%	24.360%
16	20.850	3032	3037	3041	rBV3	25940	38856	2.38%	0.579%
17	21.162	3085	3090	3098	rBV	136612	221113	13.52%	3.293%
18	22.621	3336	3338	3343	rVB4	16345	21495	1.31%	0.320%
19	23.344	3455	3461	3473	rBV	105182	239196	14.62%	3.562%

Sum of corrected areas: 6714288

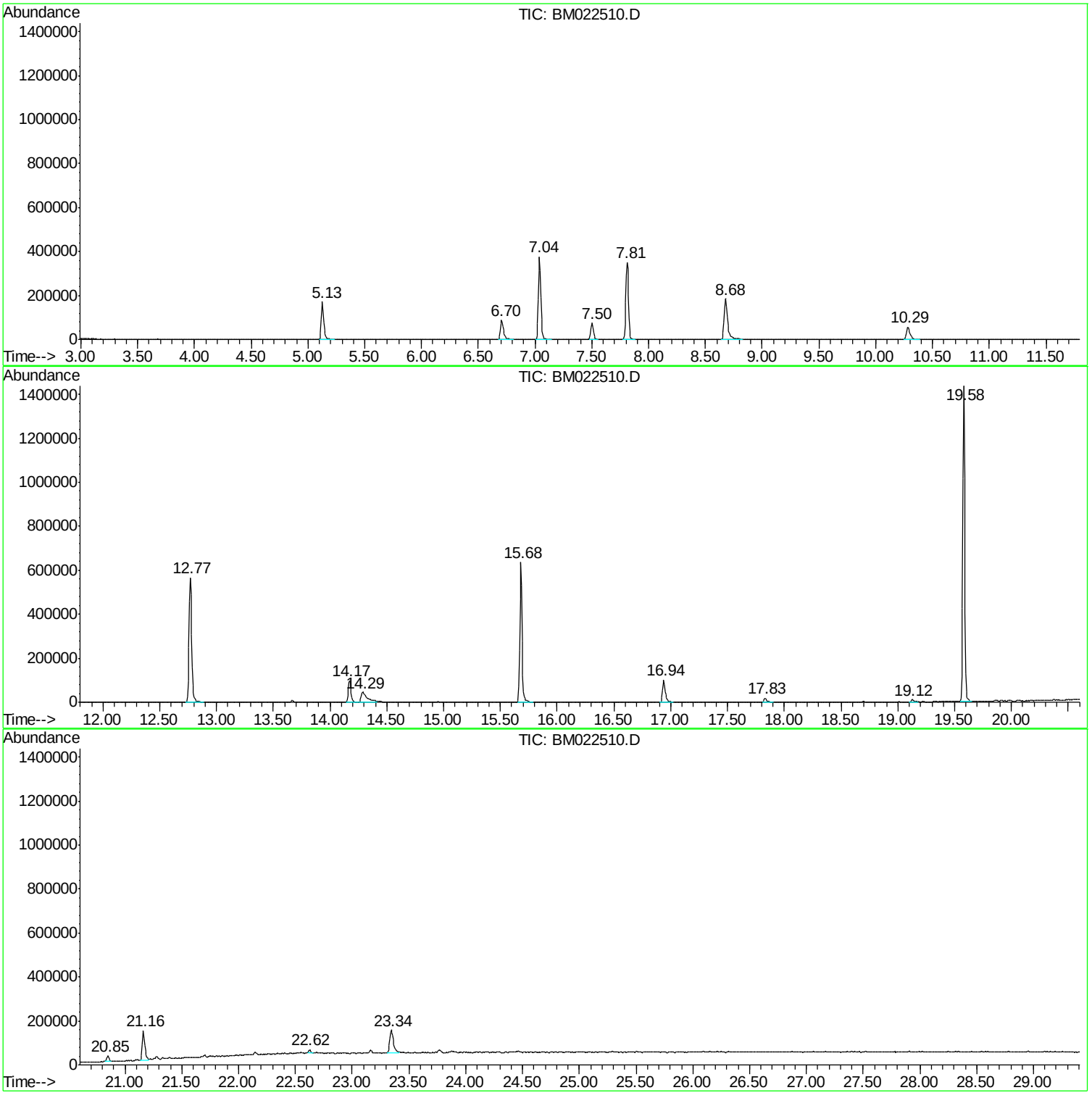
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022510.D
Acq On : 03 Sep 2019 19:33
Operator : HP/JU
Sample : K4555-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022510.D
Acq On : 03 Sep 2019 19:33
Operator : HP/JU
Sample : K4555-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

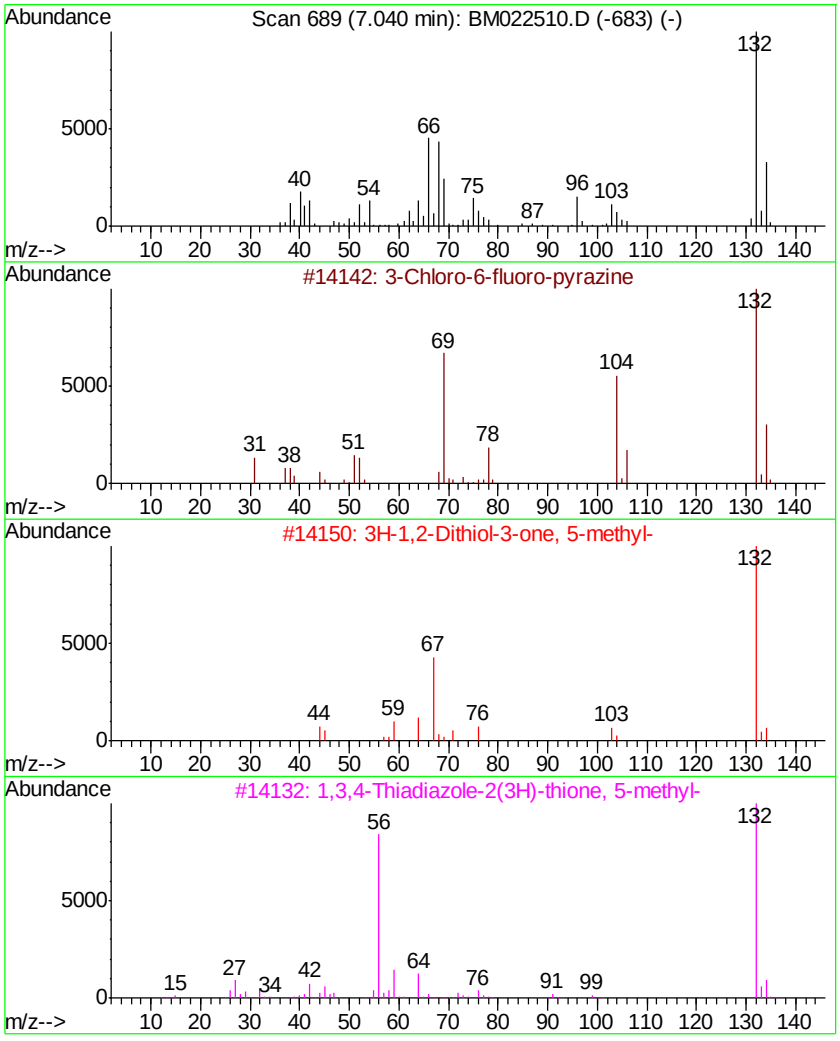
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

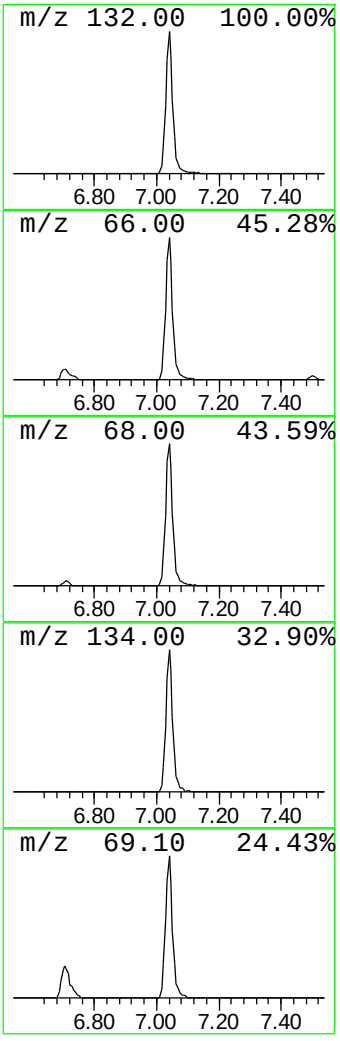
****

Peak Number 1 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	97.79 ng	582539	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	14
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022510.D
Acq On : 03 Sep 2019 19:33
Operator : HP/JU
Sample : K4555-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

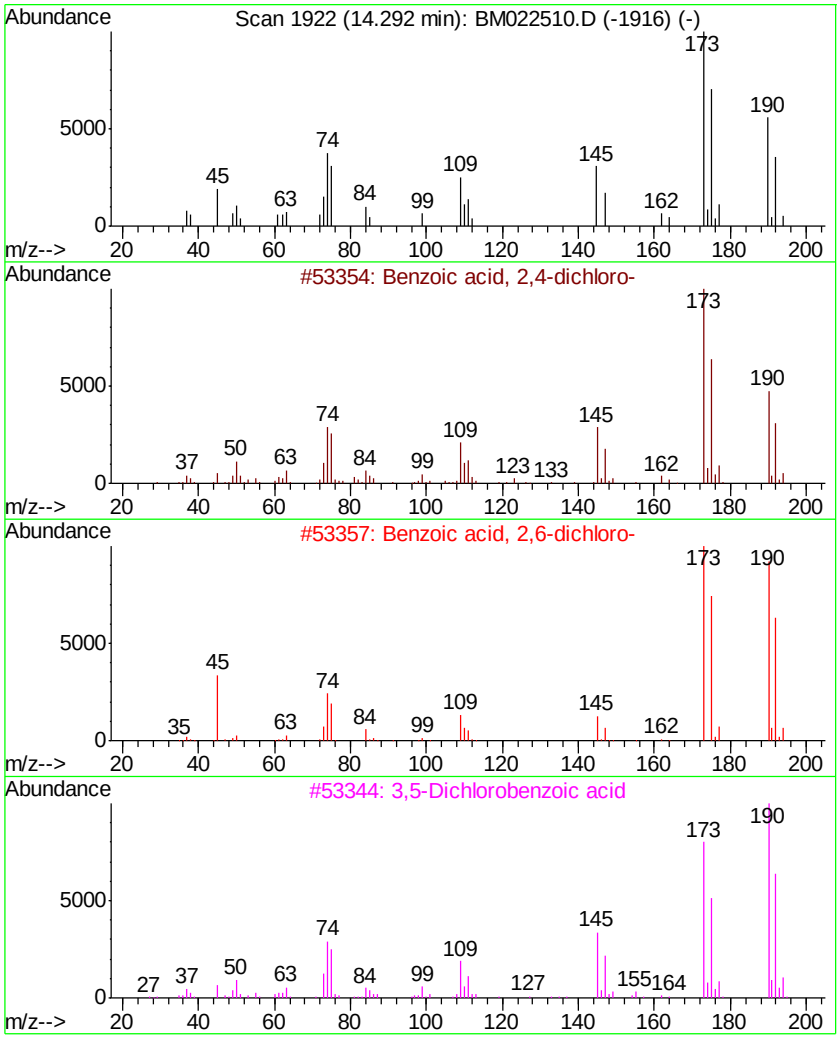
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

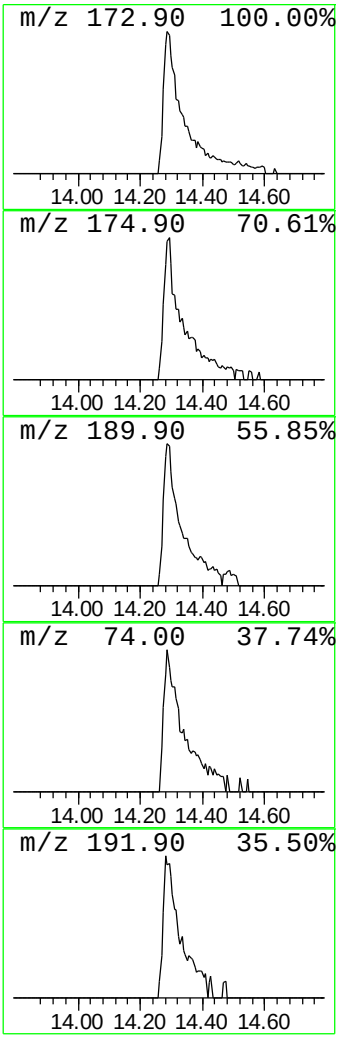
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	21.53 ng	171139	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	99
2	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	96
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	94
4	Benzoic acid, 2,5-dichloro-	190	C7H4Cl2O2	000050-79-3	93
5	Benzoic acid, 3,4-dichloro-	190	C7H4Cl2O2	000051-44-5	92





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022510.D
Acq On : 03 Sep 2019 19:33
Operator : HP/JU
Sample : K4555-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

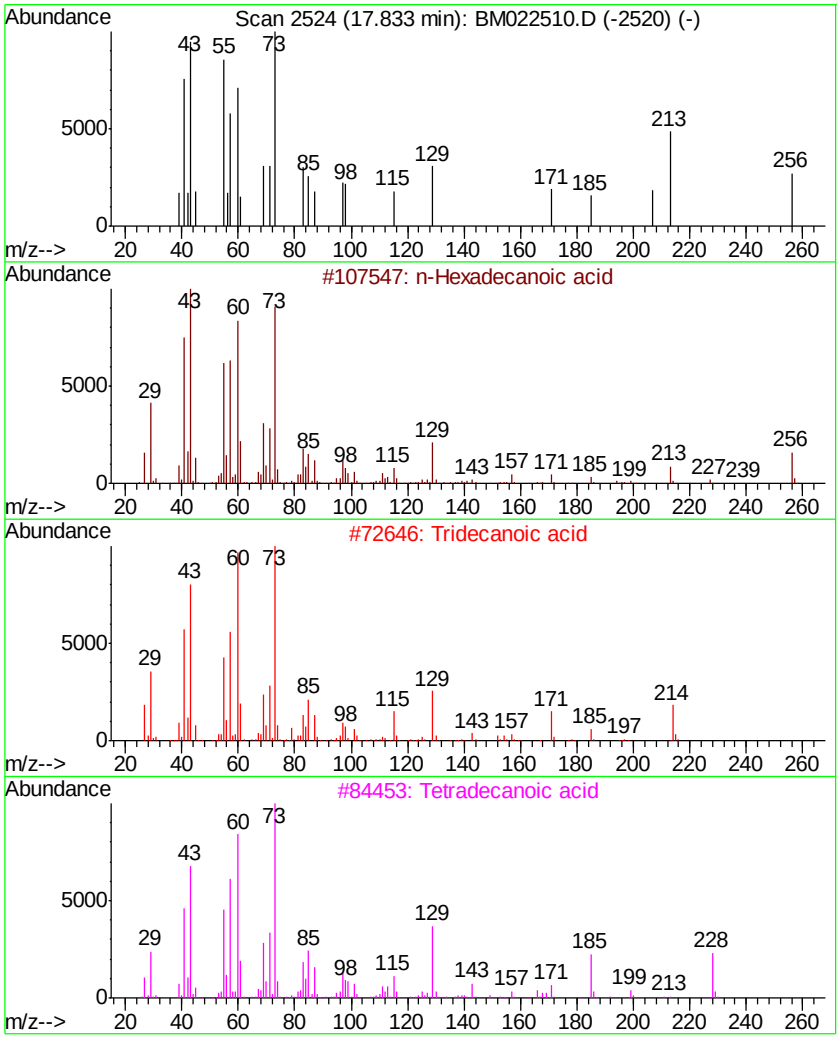
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

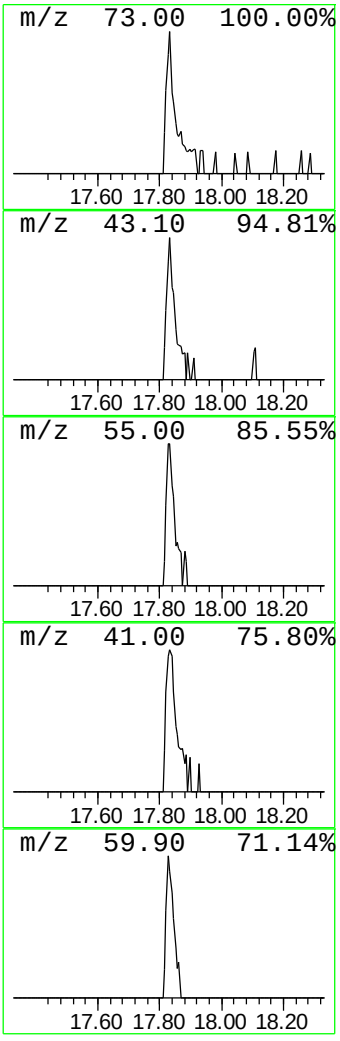
****

Peak Number 4 unknown17.83 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.70 ng	32126	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
2	Tridecanoic acid	214	C13H26O2	000638-53-9	43
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	38
5	Dodecanoic acid	200	C12H24O2	000143-07-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022510.D
Acq On : 03 Sep 2019 19:33
Operator : HP/JU
Sample : K4555-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

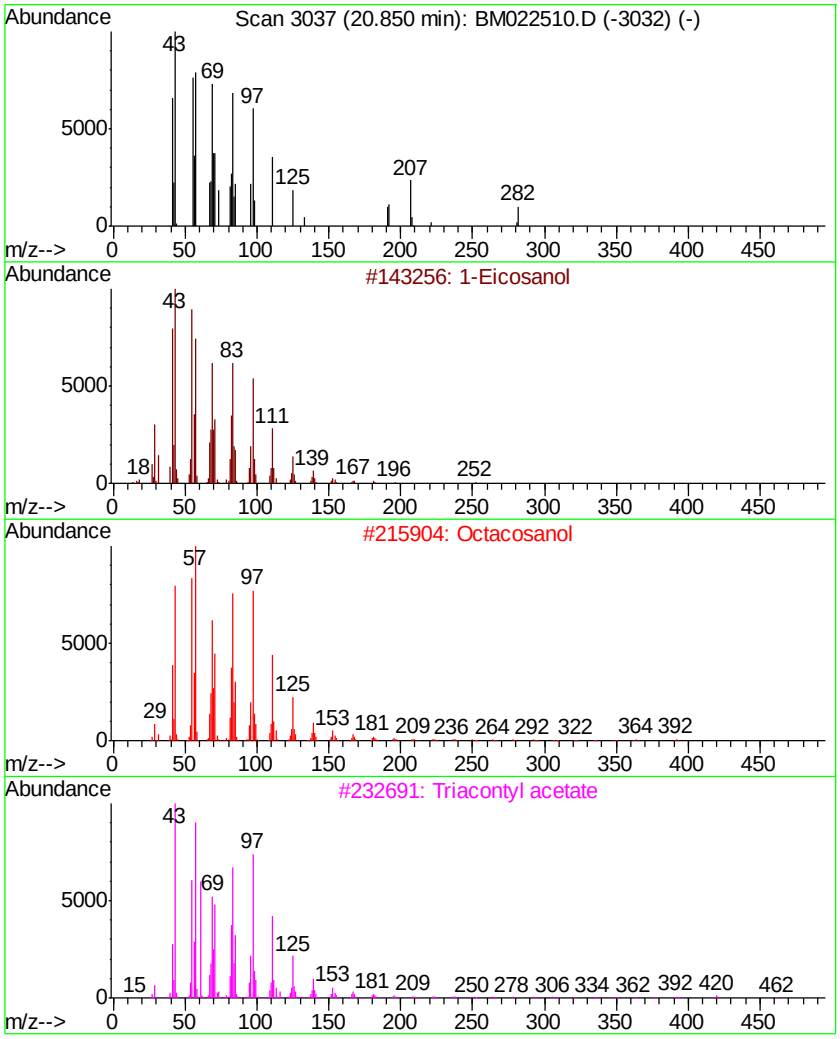
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

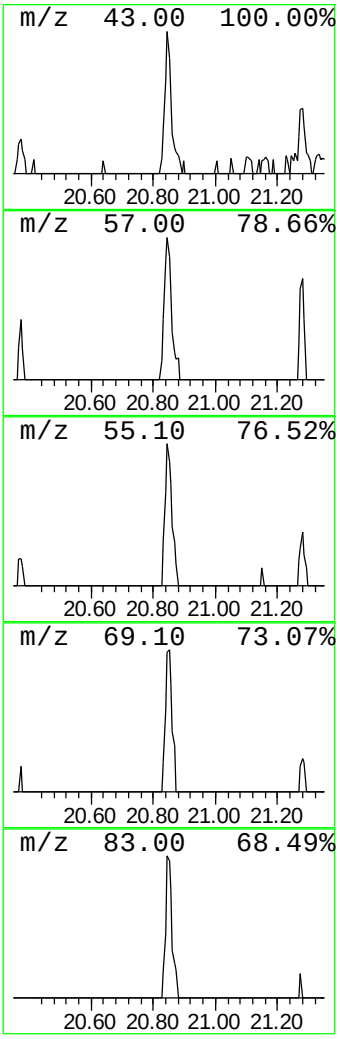
****

Peak Number 5 1-Eicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	3.51 ng	38856	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	64
2	Octacosanol	410	C28H58O	000557-61-9	64
3	Triacontyl acetate	480	C32H64O2	041755-58-2	62
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	62
5	Octacosyl acetate	452	C30H60O2	018206-97-8	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090319\
Data File : BM022510.D
Acq On : 03 Sep 2019 19:33
Operator : HP/JU
Sample : K4555-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.04	7.04	97.8	ng	582539	1	7.50	119141	20.0
Benzoic acid, 2,4...	14.29	21.5	ng	171139	3	14.17	158983	20.0
unknown17.83	17.83	3.7	ng	32126	4	16.94	173672	20.0
1-Eicosanol	20.85	3.5	ng	38856	5	21.16	221113	20.0