LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
Data File : BM038799.D
Acq On : 20 Feb 2023 22:41
Operator : CG/JU
Sample : 01593-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SED-3

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-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038799.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	293	301	310	rBV	197361	264679	21.25%	3.044%
2	5.428	375	381	396	rBV	585460	804002	64.55%	9.247%
3	7.051	650	657	666	rBV	544971	816591	65.56%	9.392%
4	7.875	791	797	803	rBV	159705	240294	19.29%	2.764%
5	9.051	989	997	1004	rBV	310557	479446	38.49%	5.514%
6	10.686	1268	1275	1284	rBV	191683	305559	24.53%	3.514%
7	13.151	1687	1694	1707	rBV	699745	960365	77.11%	11.046%
8	14.533	1920	1929	1935	rBV	274300	399677	32.09%	4.597%
9	15.892	2154	2160	2167	rBV	47312	63418	5.09%	0.729%
10	16.027	2177	2183	2193	rBV	771223	1084976	87.11%	12.479%
11	17.280	2390	2396	2401	rBV	342684	449841	36.12%	5.174%
12	18.168	2542	2547	2557	rBV2	81444	118988	9.55%	1.369%
13	19.339	2742	2746	2751	rVB	32579	44056	3.54%	0.507%
14	19.445	2760	2764	2770	rBV2	38667	51362	4.12%	0.591%
15	19.662	2798	2801	2804	rBV5	8085	12744	1.02%	0.147%
16	19.703	2804	2808	2816	rVB2	35874	58198	4.67%	0.669%
17	19.903	2836	2842	2847	rBV	1087495	1245523	100.00%	14.325%
18	20.197	2888	2892	2897	rVB7	12511	15464	1.24%	0.178%
19	20.691	2973	2976	2979	rBV3	14281	16890	1.36%	0.194%
20	21.156	3052	3055	3060	rVB	60655	70283	5.64%	0.808%
21	21.462	3102	3107	3112	rBV	446923	564949	45.36%	6.498%
22	23.838	3505	3511	3520	rBV2	334830	627286	50.36%	7.215%

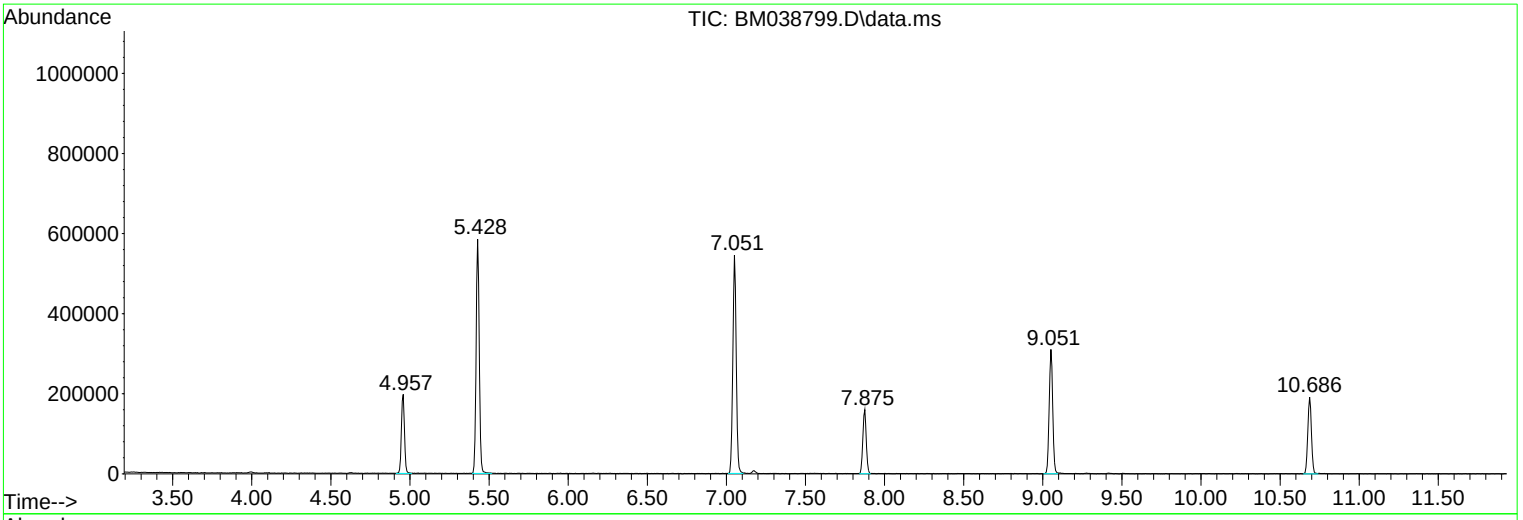
Sum of corrected areas: 8694591

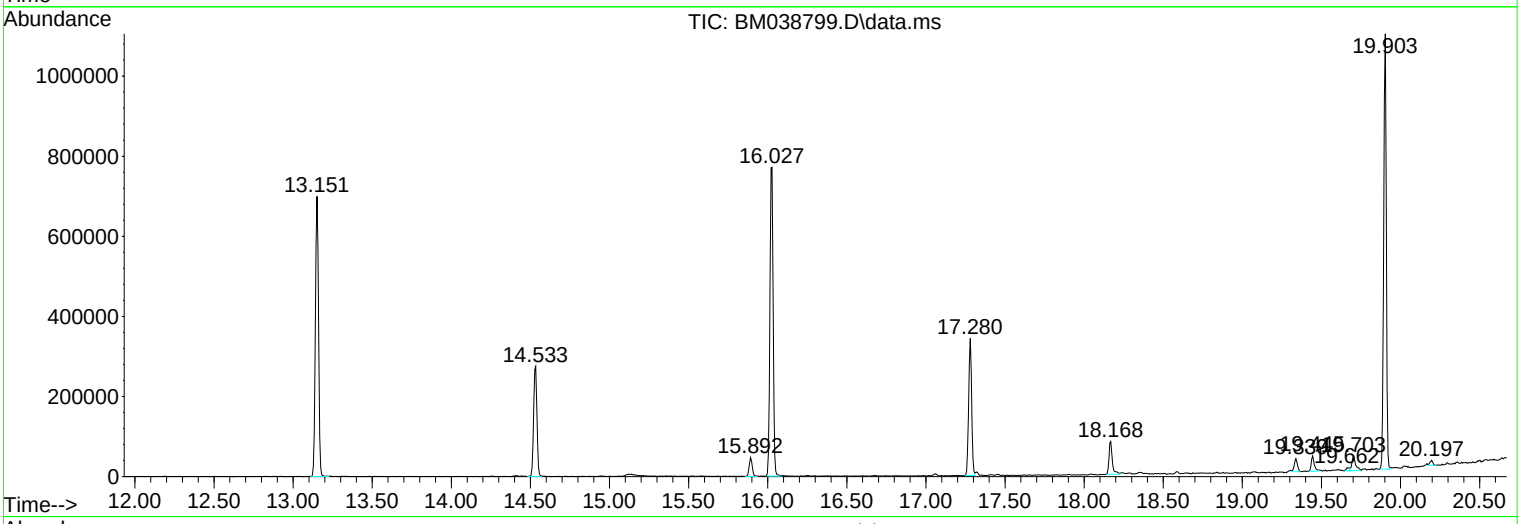
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
Data File : BM038799.D
Acq On : 20 Feb 2023 22:41
Operator : CG/JU
Sample : 01593-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

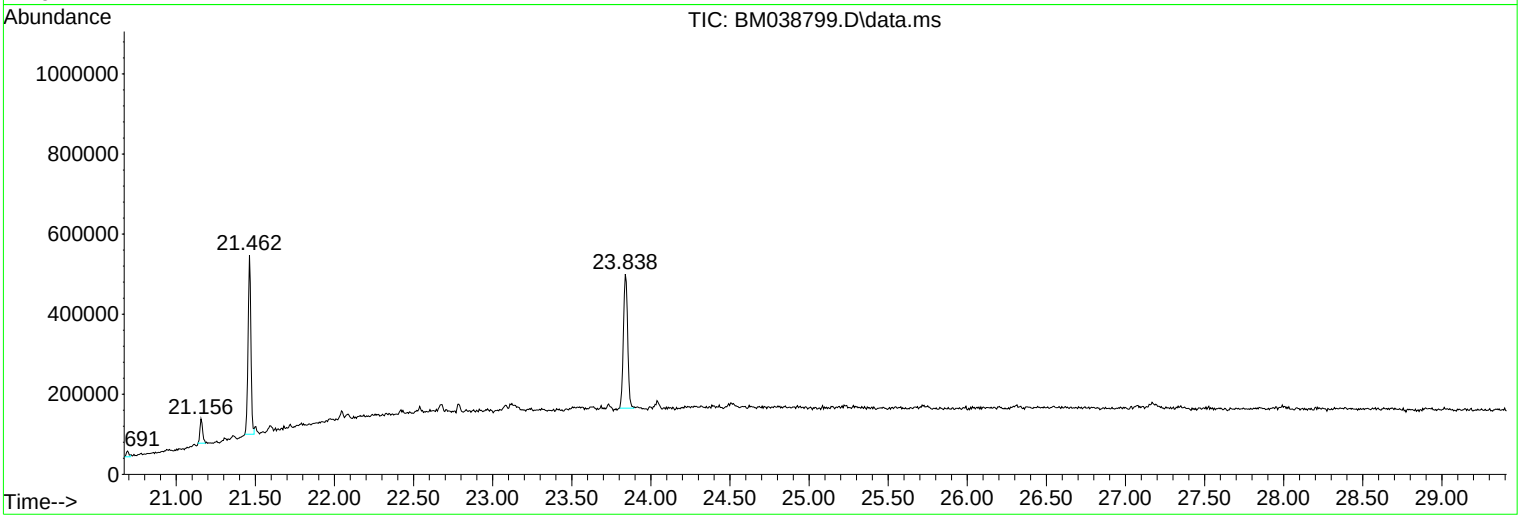
Instrument :
BNA_M
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
Data File : BM038799.D
Acq On : 20 Feb 2023 22:41
Operator : CG/JU
Sample : 01593-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SED-3

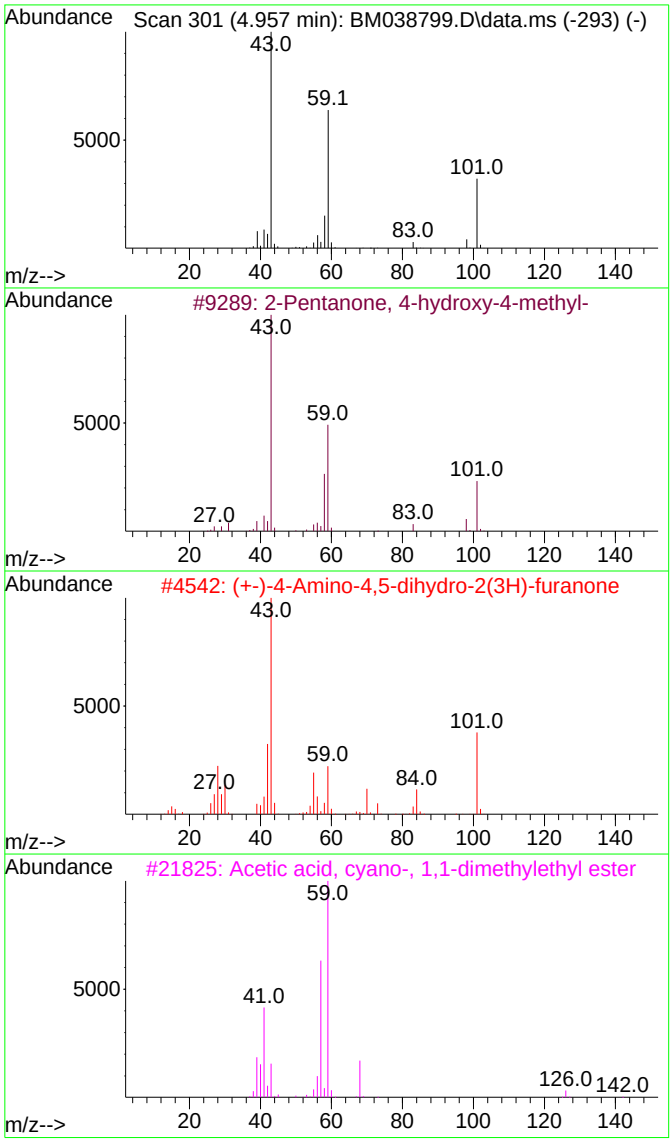
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

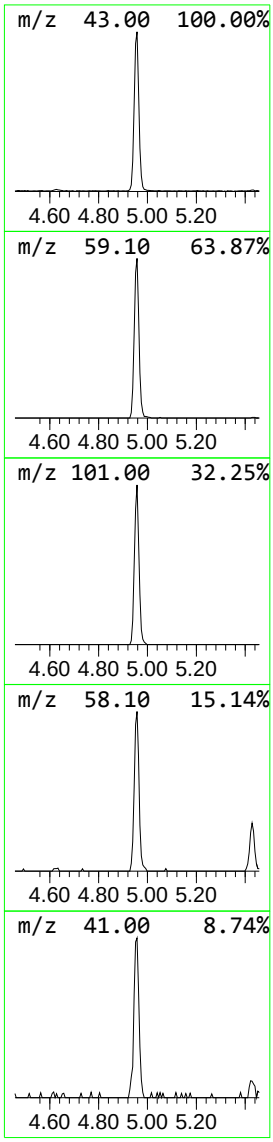
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	22.03 ng	264679	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1,2-Butanediol	90	C4H10O2	000584-03-2	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
Data File : BM038799.D
Acq On : 20 Feb 2023 22:41
Operator : CG/JU
Sample : 01593-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

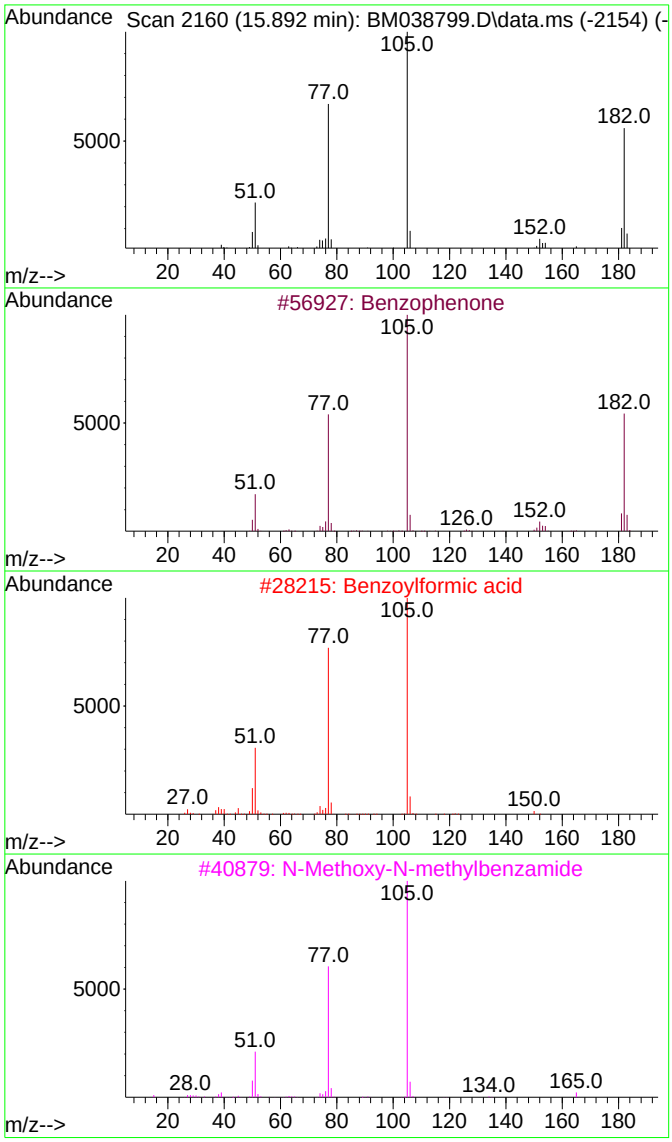
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

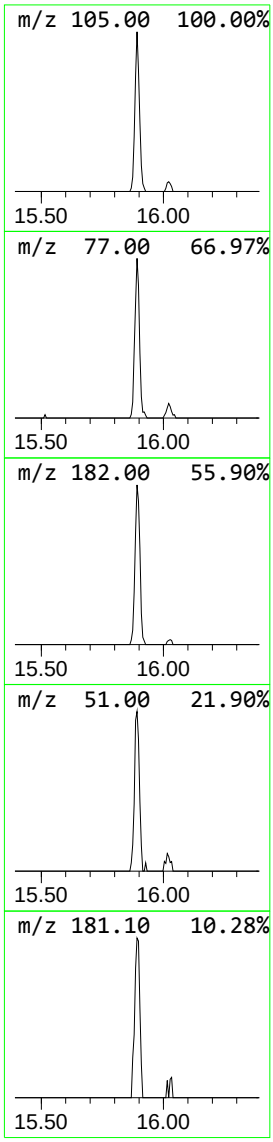
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	3.17 ng	63418	Acenaphthene-d10	14.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzoylformic acid	150	C8H6O3	000611-73-4	49
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	46
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
5	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
Data File : BM038799.D
Acq On : 20 Feb 2023 22:41
Operator : CG/JU
Sample : 01593-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

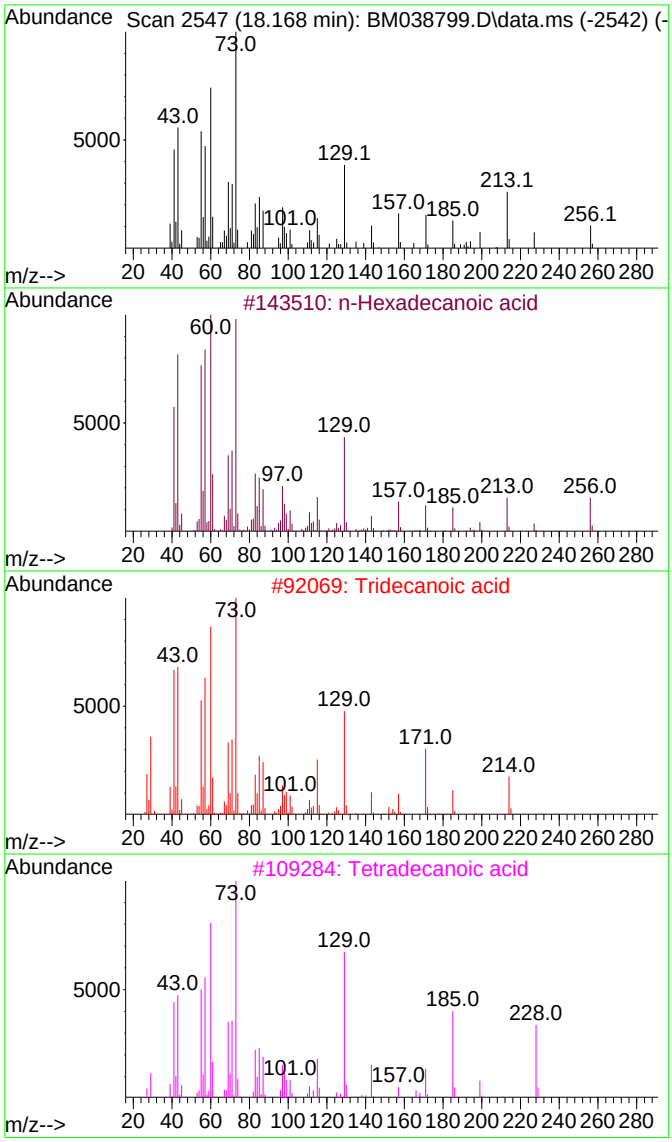
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

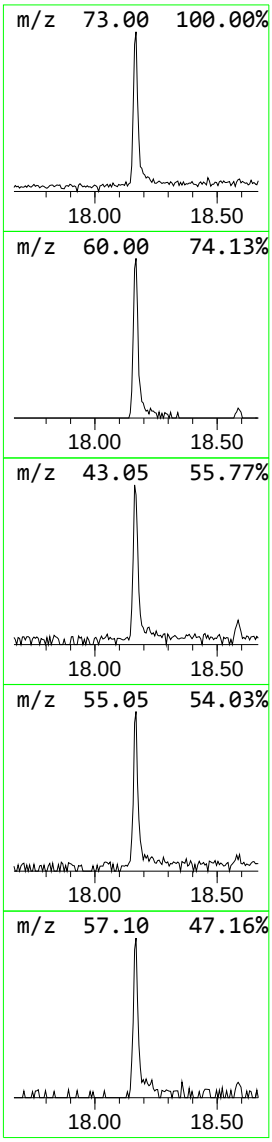
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	5.29 ng	118988	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
Data File : BM038799.D
Acq On : 20 Feb 2023 22:41
Operator : CG/JU
Sample : 01593-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

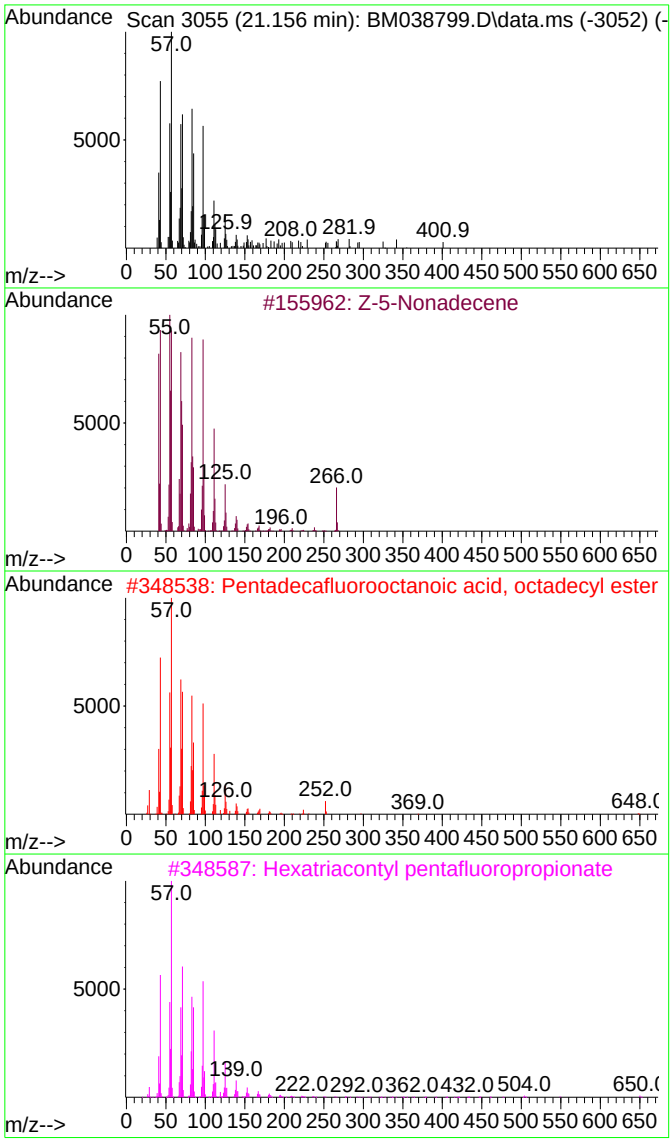
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

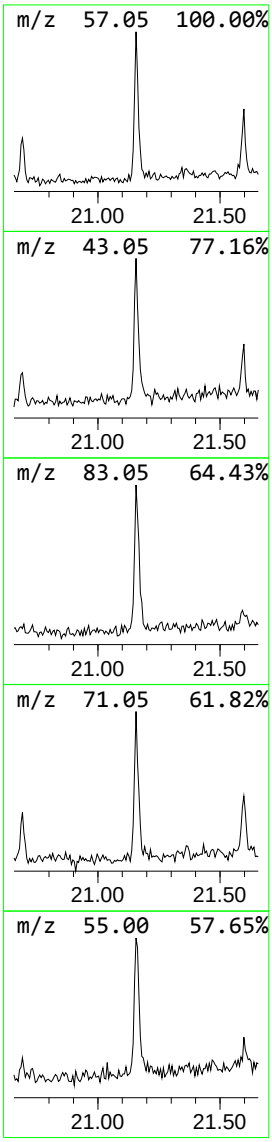
****

Peak Number 5 Z-5-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.156	2.49 ng	70283	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	81
3	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	76
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	76
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
Data File : BM038799.D
Acq On : 20 Feb 2023 22:41
Operator : CG/JU
Sample : 01593-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Pentanone, 4-...	4.957	22.0	ng	264679	1	7.875	240294	20.0
Benzophenone	15.892	3.2	ng	63418	3	14.527	399677	20.0
n-Hexadecanoic ...	18.168	5.3	ng	118988	4	17.280	449841	20.0
Z-5-Nonadecene	21.156	2.5	ng	70283	5	21.462	564949	20.0