LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029644.D
Acq On : 24 Apr 2021 19:08
Operator : CG/JU
Sample : M2149-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-36-0-2.0

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-BM042121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029644.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.222	391	397	411	rBV	1108473	1627737	43.32%	8.121%
2	6.804	657	666	680	rBV	1003362	1660753	44.20%	8.286%
3	7.622	799	805	814	rBV	290874	463352	12.33%	2.312%
4	8.781	994	1002	1014	rBV	620944	1068944	28.45%	5.333%
5	10.404	1271	1278	1287	rBV	348808	575152	15.31%	2.870%
6	12.886	1691	1700	1714	rBV	1749009	2526622	67.24%	12.606%
7	13.733	1831	1844	1853	rBV	48973	86694	2.31%	0.433%
8	14.268	1929	1935	1943	rBV	552096	788814	20.99%	3.936%
9	15.763	2181	2189	2201	rBV	1440282	2024046	53.87%	10.098%
10	16.062	2235	2240	2246	rBV	74965	105205	2.80%	0.525%
11	17.015	2393	2402	2407	rBV	658544	960020	25.55%	4.790%
12	17.057	2407	2409	2416	rVB	58426	71014	1.89%	0.354%
13	17.921	2551	2556	2570	rBV	205074	301420	8.02%	1.504%
14	19.074	2748	2752	2757	rBV	128412	170127	4.53%	0.849%
15	19.203	2771	2774	2783	rBV3	65405	107646	2.86%	0.537%
16	19.439	2810	2814	2817	rBV	95748	130078	3.46%	0.649%
17	19.650	2844	2850	2858	rBV	2964757	3757619	100.00%	18.748%
18	19.939	2895	2899	2902	rBV2	32473	40241	1.07%	0.201%
19	20.921	3062	3066	3072	rBV	380367	475289	12.65%	2.371%
20	21.197	3108	3113	3117	rBV	975310	1276401	33.97%	6.368%
21	21.797	3212	3215	3223	rVB2	231947	338854	9.02%	1.691%
22	22.727	3370	3373	3377	rBV	157599	250361	6.66%	1.249%
23	23.386	3479	3485	3492	rBV2	673406	1236667	32.91%	6.170%

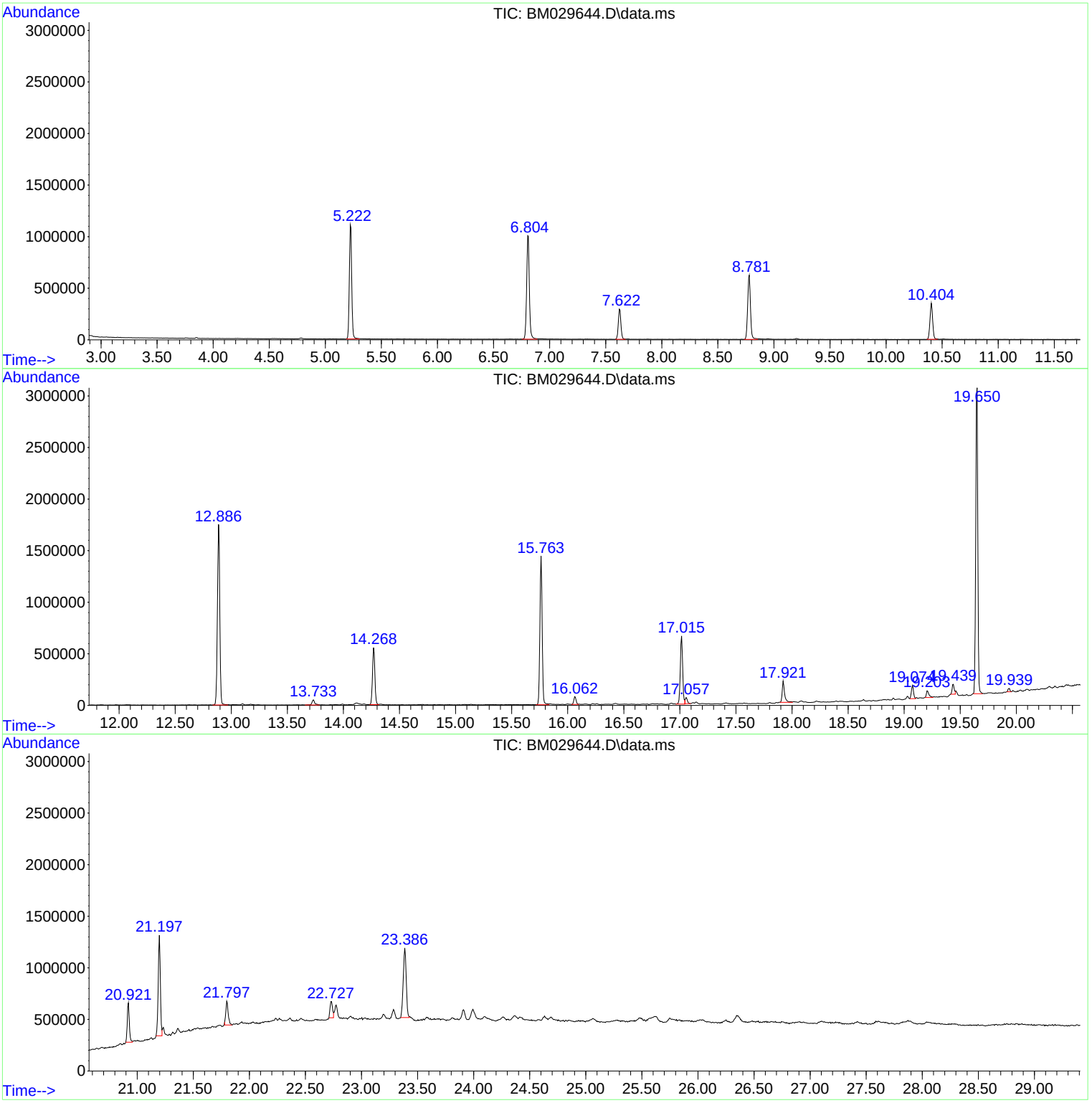
Sum of corrected areas: 20043056

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029644.D
Acq On : 24 Apr 2021 19:08
Operator : CG/JU
Sample : M2149-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-36-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029644.D
Acq On : 24 Apr 2021 19:08
Operator : CG/JU
Sample : M2149-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-36-0-2.0

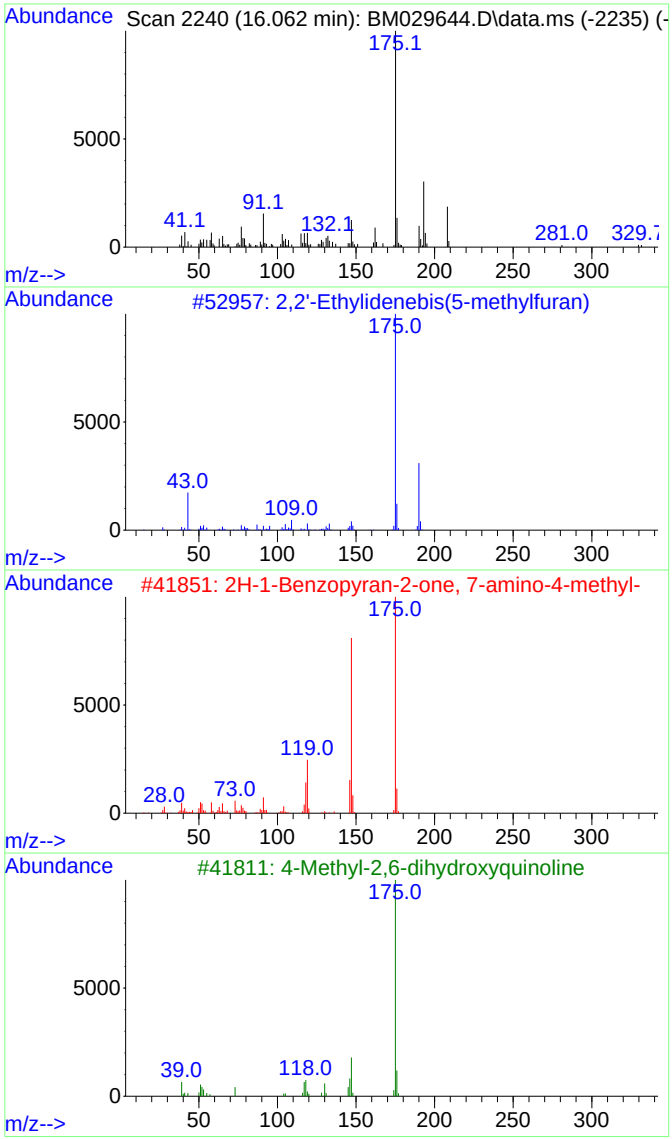
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

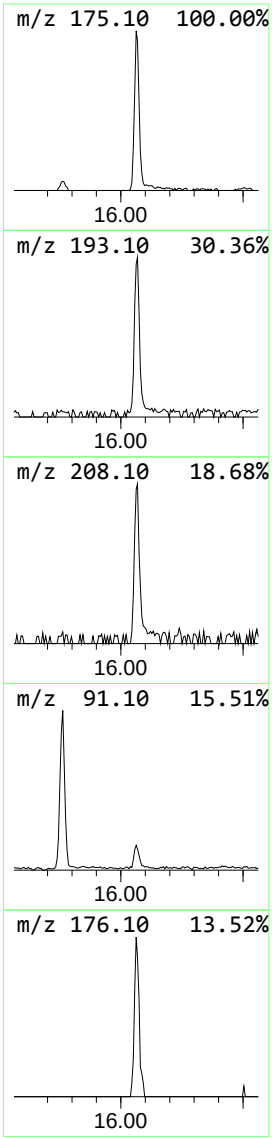
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,2'-Ethylidenebis(5-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	2.19 ng	105205	Phenanthrene-d10	17.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	58
2	2H-1-Benzopyran-2-one, 7-amino-4...	175	C10H9NO2	026093-31-2	47
3	4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	47
4	7-Amino-4-methyl-1,8-naphthyridi...	175	C9H9N3O	001569-15-9	47
5	7-Acetoxy-4-methylquinolin-2(1H)...	217	C12H11NO3	1000257-38-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029644.D
Acq On : 24 Apr 2021 19:08
Operator : CG/JU
Sample : M2149-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-36-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

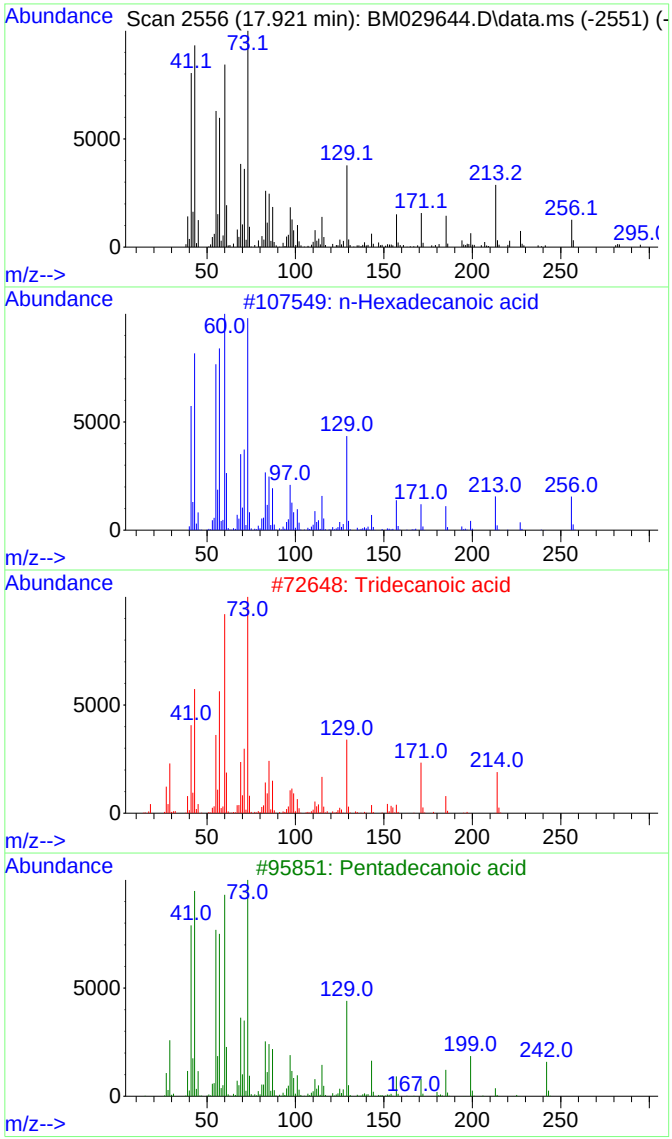
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

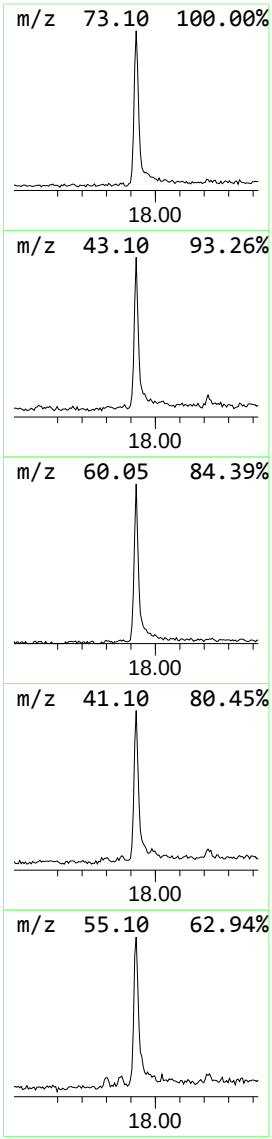
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.921	6.28 ng	301420	Phenanthrene-d10	17.015

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029644.D
Acq On : 24 Apr 2021 19:08
Operator : CG/JU
Sample : M2149-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-36-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

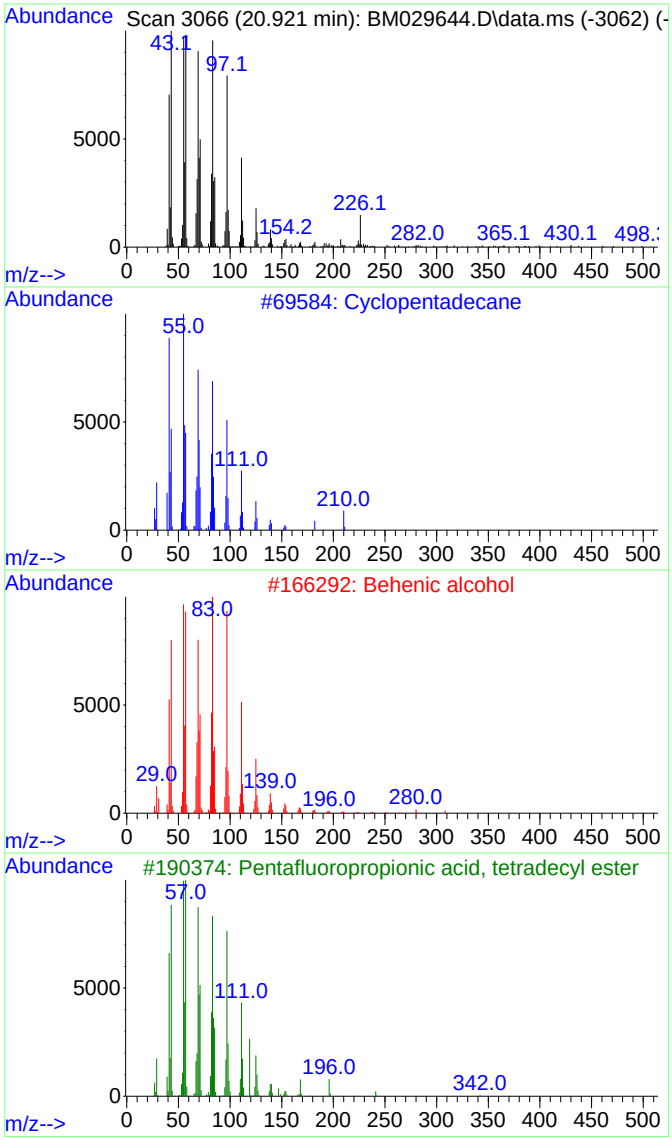
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

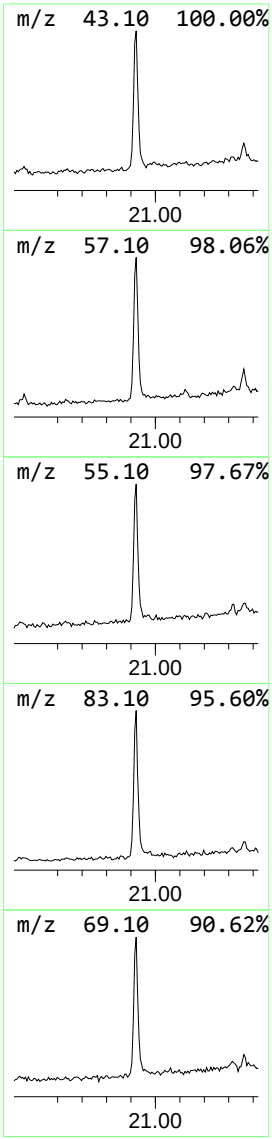
****

Peak Number 3 Cyclopentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.921	7.45 ng	475289	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029644.D
Acq On : 24 Apr 2021 19:08
Operator : CG/JU
Sample : M2149-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-36-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

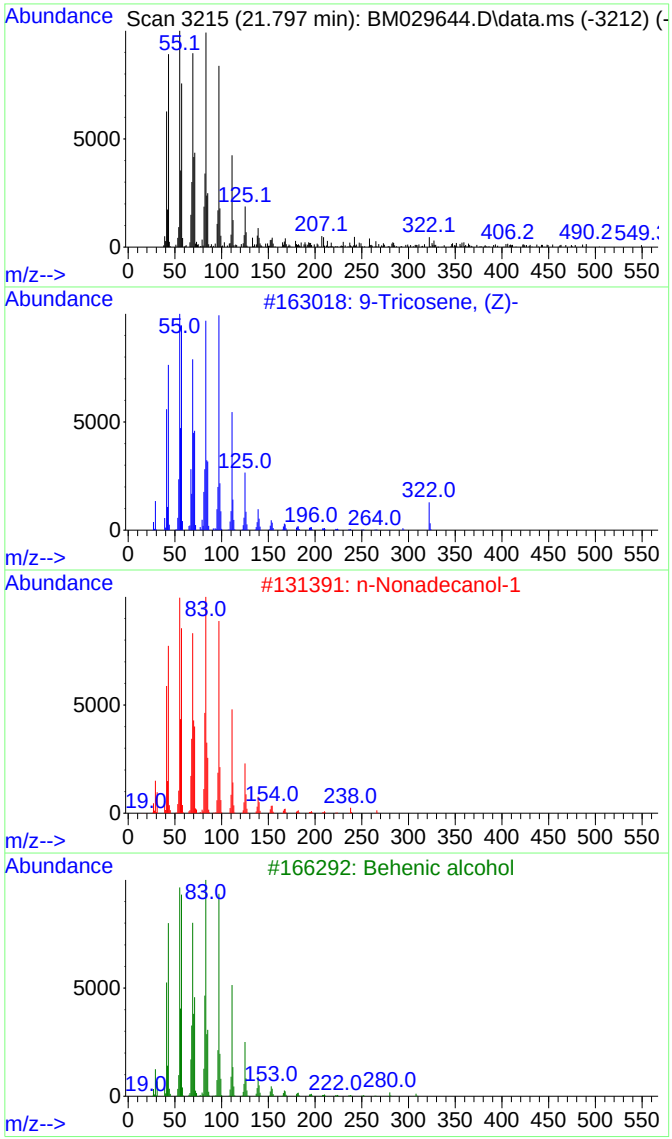
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

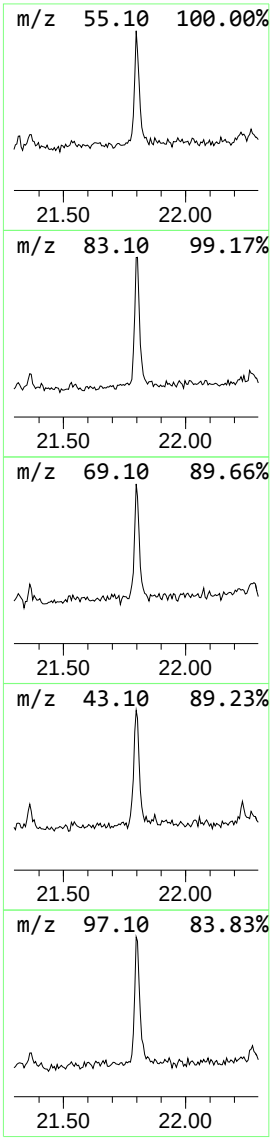
****

Peak Number 4 9-Tricosene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.797	5.31 ng	338854	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	17-Pentatriacontene	491	C35H70	006971-40-0	93
5	1-Tricosene	322	C23H46	018835-32-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029644.D
Acq On : 24 Apr 2021 19:08
Operator : CG/JU
Sample : M2149-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-36-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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
2,2'-Ethylidene...	16.063	2.2	ng	105205	4	17.015	960020	20.0
n-Hexadecanoic ...	17.921	6.3	ng	301420	4	17.015	960020	20.0
Cyclopentadecane	20.921	7.5	ng	475289	5	21.198	1276400	20.0
9-Tricosene, (Z)-	21.797	5.3	ng	338854	5	21.198	1276400	20.0