LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026414.D
Acq On : 16 Jun 2020 16:17
Operator : JU/CG
Sample : L3017-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SG1

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-BM060520.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	3.687	131	136	142	rVB	39765	54726	1.13%	0.202%
2	5.034	359	365	379	rBV	1305482	1897634	39.03%	6.999%
3	6.604	625	632	649	rBV	1427147	2187190	44.99%	8.067%
4	7.398	760	767	774	rBV	409781	604675	12.44%	2.230%
5	7.710	813	820	830	rBV	1118762	1757644	36.15%	6.483%
6	8.545	954	962	976	rBV	931833	1495139	30.75%	5.514%
7	10.157	1226	1236	1248	rBV	502144	832945	17.13%	3.072%
8	12.663	1655	1662	1677	rBV	2162500	3112420	64.02%	11.479%
9	12.974	1708	1715	1724	rBV	277867	442886	9.11%	1.633%
10	13.527	1803	1809	1821	rBV	147782	217976	4.48%	0.804%
11	14.051	1892	1898	1911	rBV	742812	1058511	21.77%	3.904%
12	15.221	2089	2097	2109	rBV	173574	270619	5.57%	0.998%
13	15.557	2148	2154	2168	rBV	1711911	2446356	50.32%	9.023%
14	16.804	2361	2366	2376	rVB	904030	1250931	25.73%	4.614%
15	17.233	2434	2439	2454	rVB4	31479	57291	1.18%	0.211%
16	18.615	2669	2674	2682	rBV	228545	364494	7.50%	1.344%
17	18.933	2724	2728	2732	rVB	64097	70130	1.44%	0.259%
18	19.462	2812	2818	2825	rBV	4271324	4861596	100.00%	17.930%
19	19.774	2867	2871	2874	rBV3	34603	51854	1.07%	0.191%
20	20.127	2928	2931	2936	rVB	47168	54006	1.11%	0.199%
21	20.768	3035	3040	3049	rBV	307874	425624	8.75%	1.570%
22	21.015	3077	3082	3090	rBV	1134428	1466389	30.16%	5.408%
23	22.521	3335	3338	3342	rVB	97765	118092	2.43%	0.436%
24	23.103	3431	3437	3446	rVB	892890	1489841	30.65%	5.495%
25	23.621	3521	3525	3532	rVB	138586	226305	4.65%	0.835%
26	23.703	3535	3539	3549	rVB3	140894	298289	6.14%	1.100%

Sum of corrected areas: 27113563

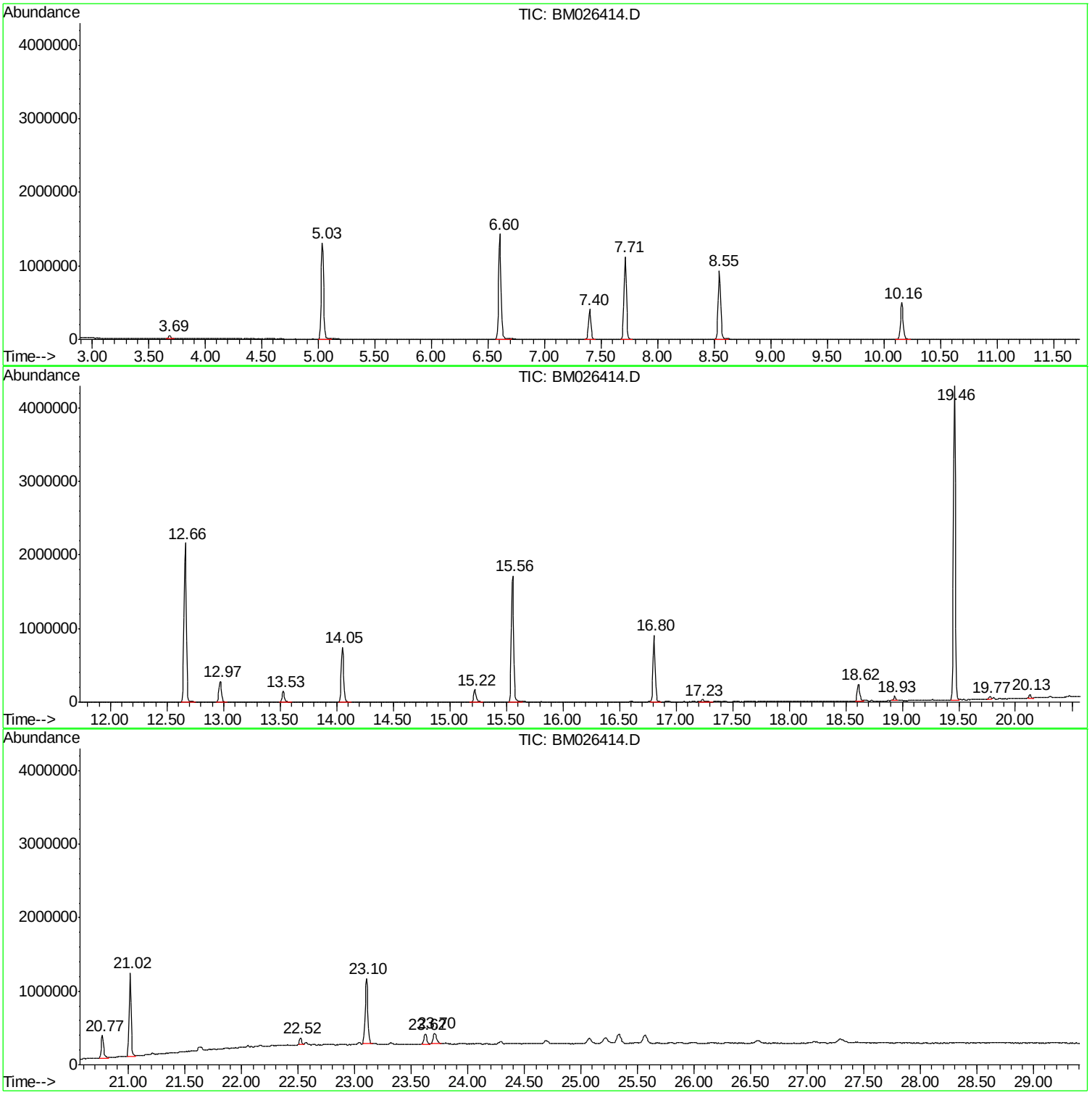
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026414.D
Acq On : 16 Jun 2020 16:17
Operator : JU/CG
Sample : L3017-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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\BM061620\
Data File : BM026414.D
Acq On : 16 Jun 2020 16:17
Operator : JU/CG
Sample : L3017-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

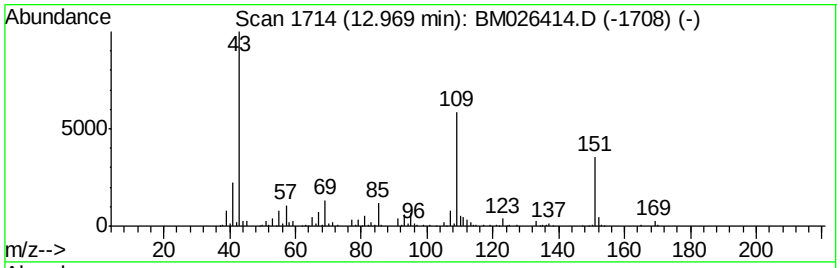
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

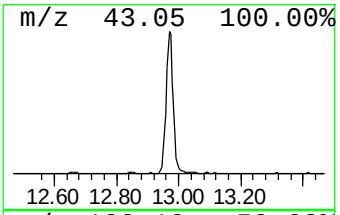
****

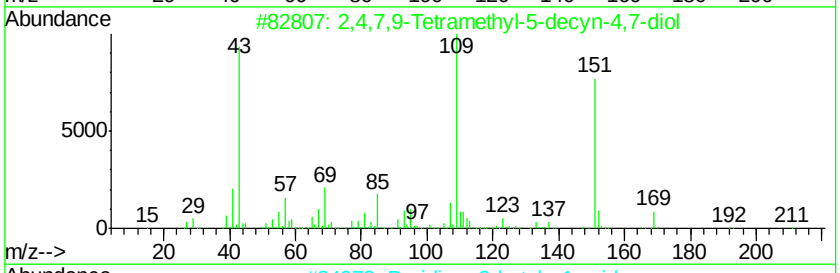
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

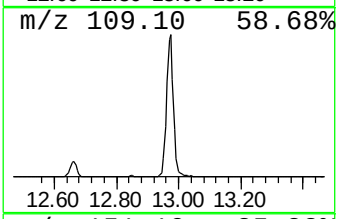
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	8.37 ng	442886	Acenaphthene-d10	14.05

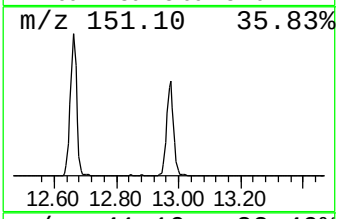
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	Acetaminophen	151	C8H9NO2	000103-90-2	53
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	42

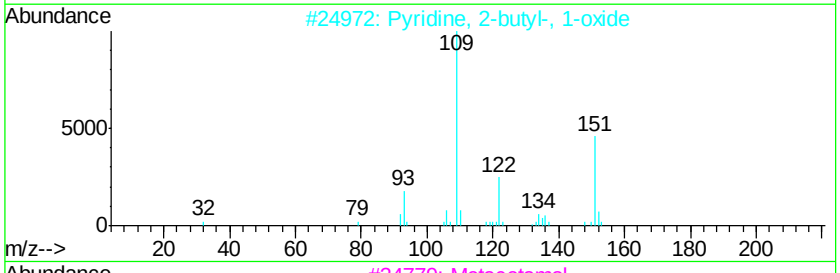


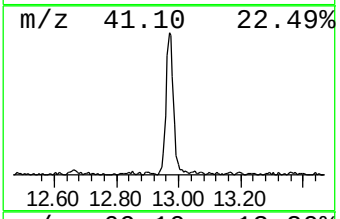


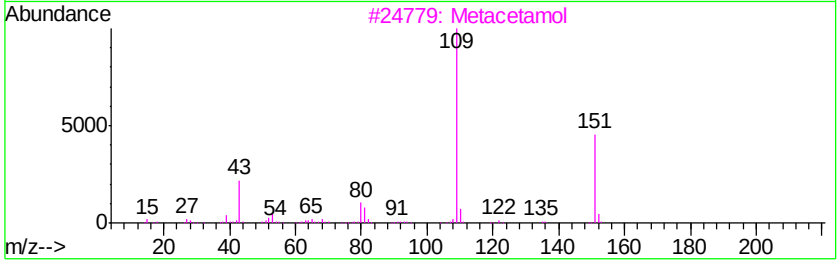


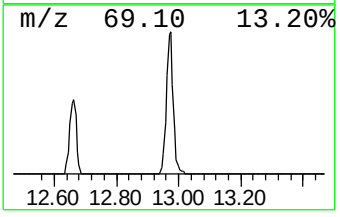












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026414.D
Acq On : 16 Jun 2020 16:17
Operator : JU/CG
Sample : L3017-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

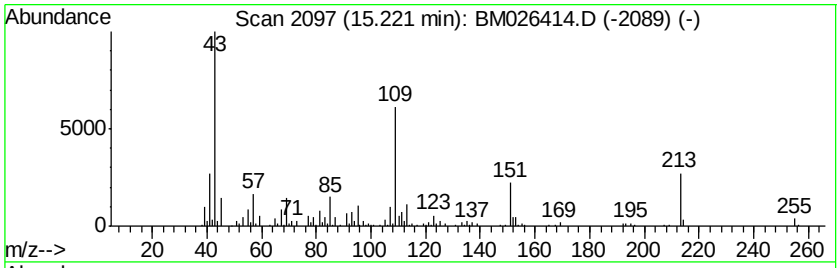
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

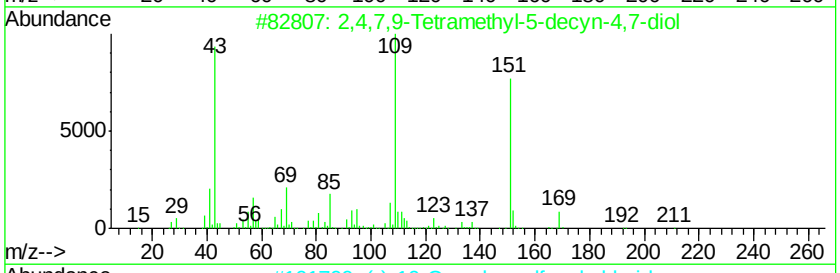
****

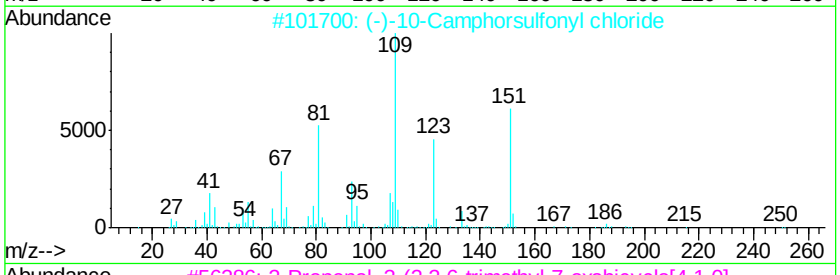
Peak Number 3 unknown15.22 Concentration Rank 5

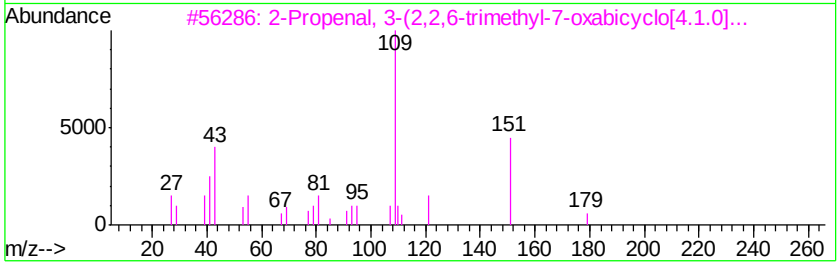
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	5.11 ng	270619	Acenaphthene-d10	14.05

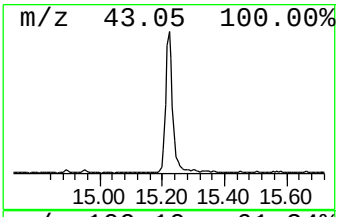
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	58
2	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	47
3	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	47
4	Metacetamol	151	C8H9NO2	000621-42-1	38
5	Acetaminophen	151	C8H9NO2	000103-90-2	35

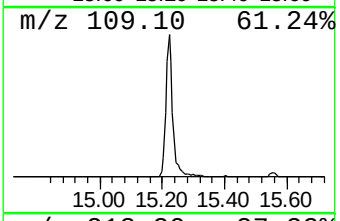


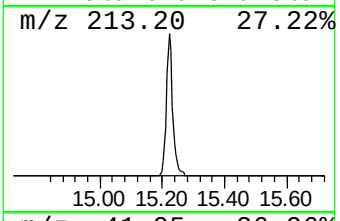


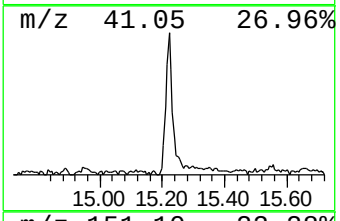


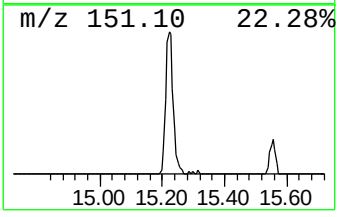












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026414.D
Acq On : 16 Jun 2020 16:17
Operator : JU/CG
Sample : L3017-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

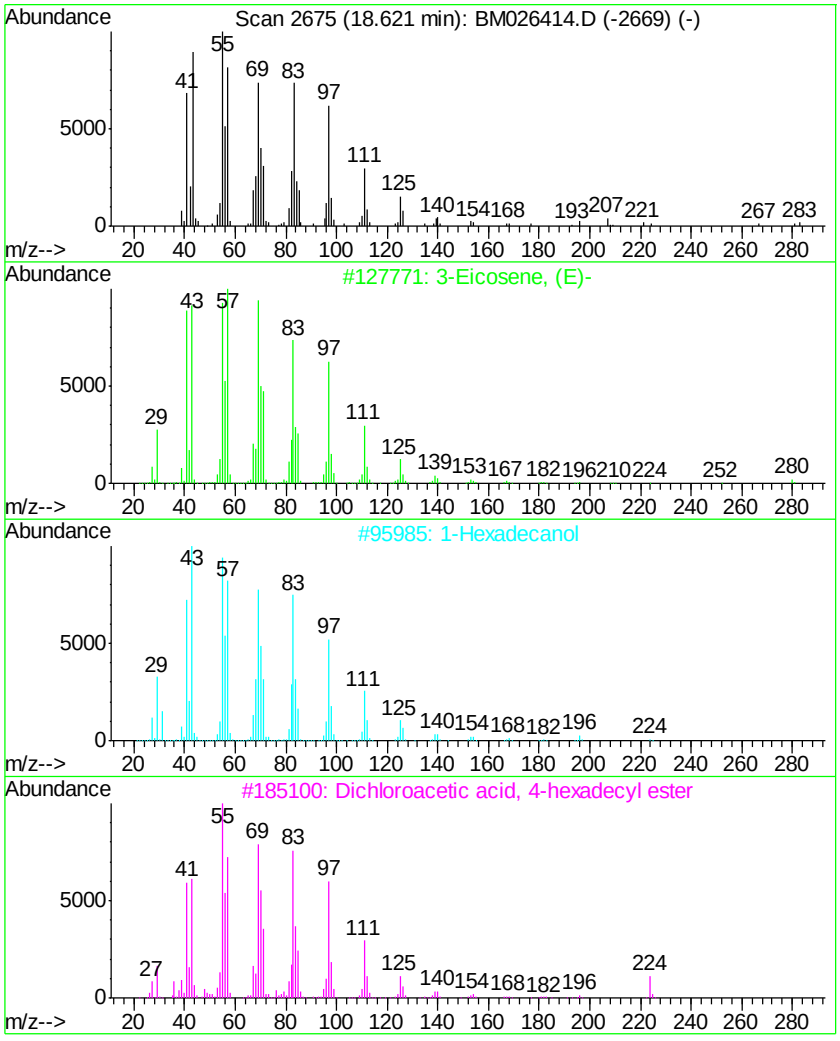
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

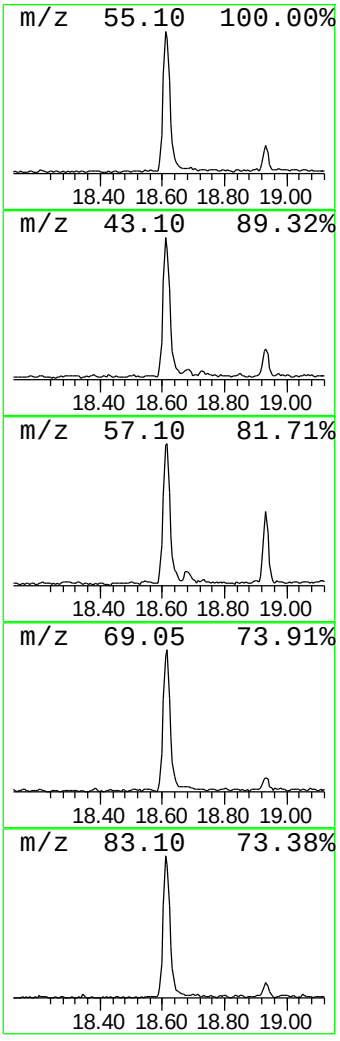
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	5.83 ng	364494	Phenanthrene-d10	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	1-Hexadecanol	242	C16H34O	036653-82-4	94
3	Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026414.D
Acq On : 16 Jun 2020 16:17
Operator : JU/CG
Sample : L3017-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

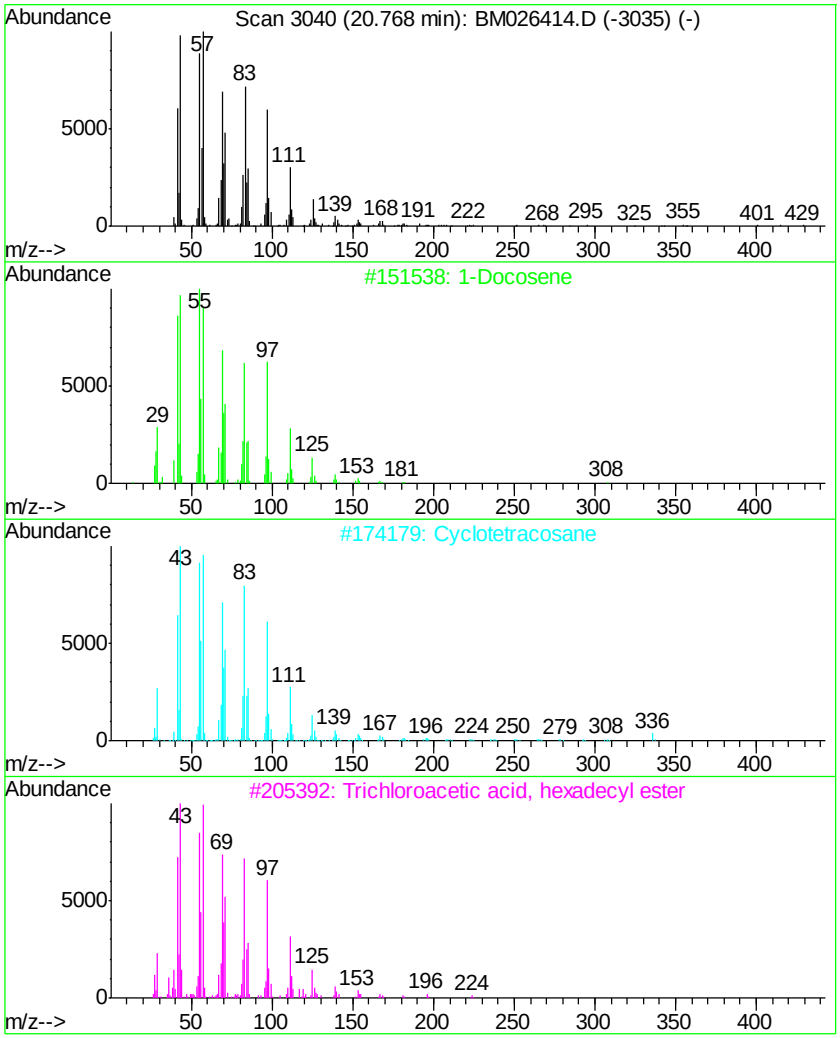
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

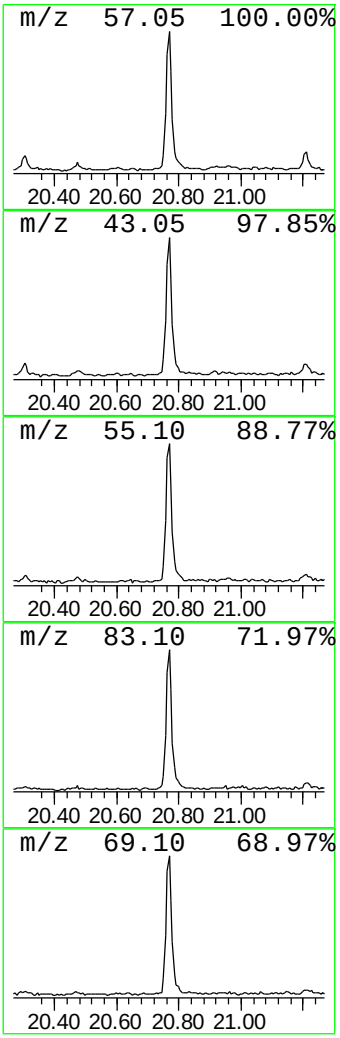
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	5.81 ng	425624	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026414.D
Acq On : 16 Jun 2020 16:17
Operator : JU/CG
Sample : L3017-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

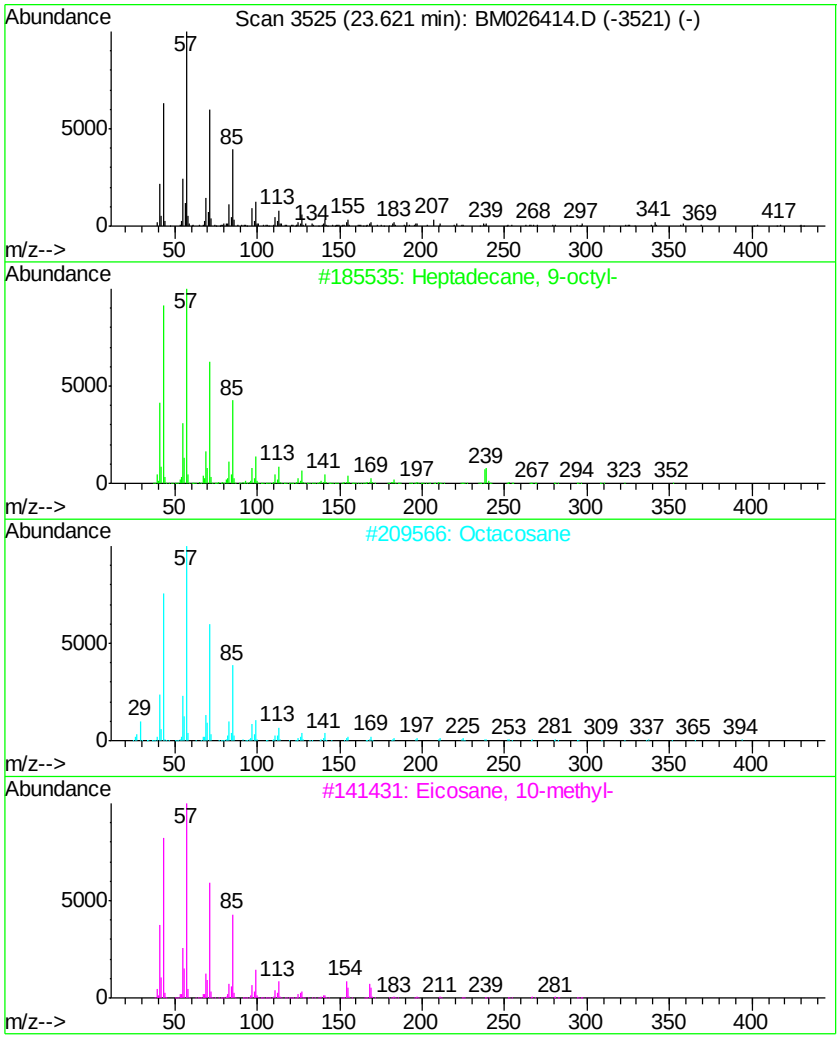
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

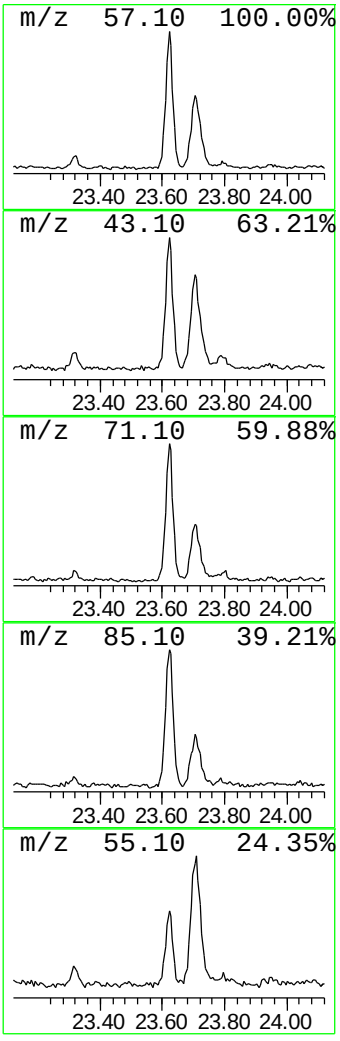
****

Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.62	3.04 ng	226305	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Hexatriacontane	507	C36H74	000630-06-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026414.D
Acq On : 16 Jun 2020 16:17
Operator : JU/CG
Sample : L3017-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

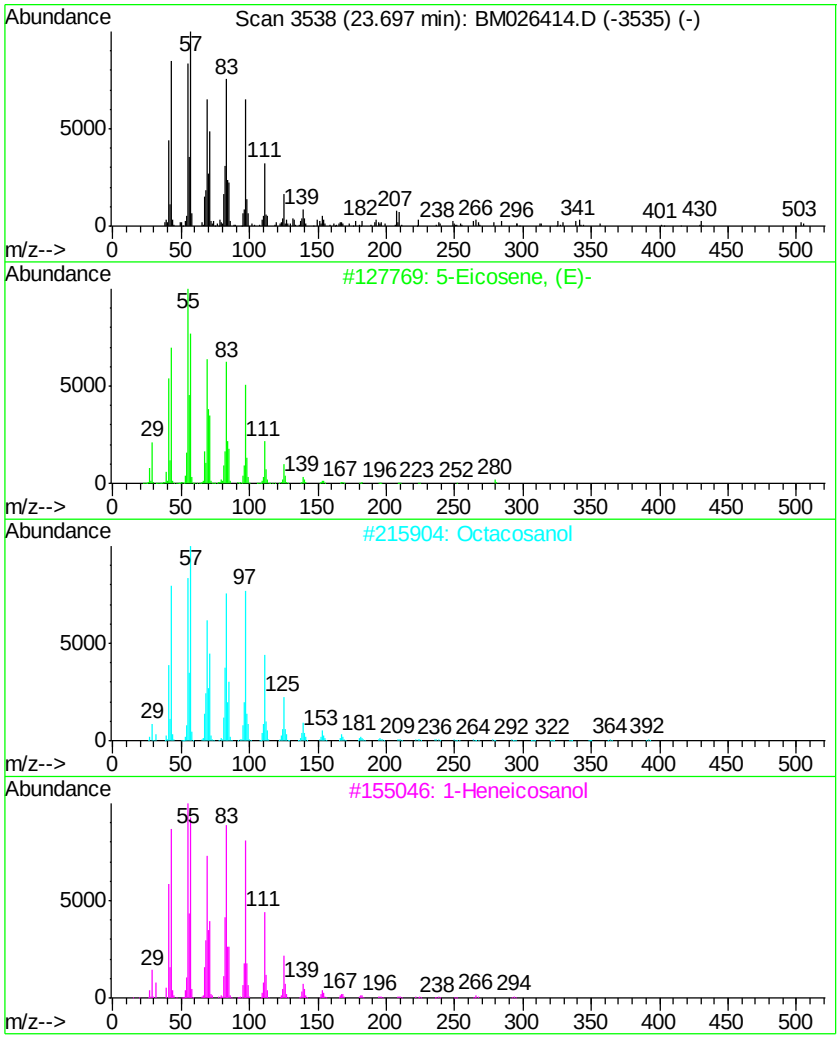
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

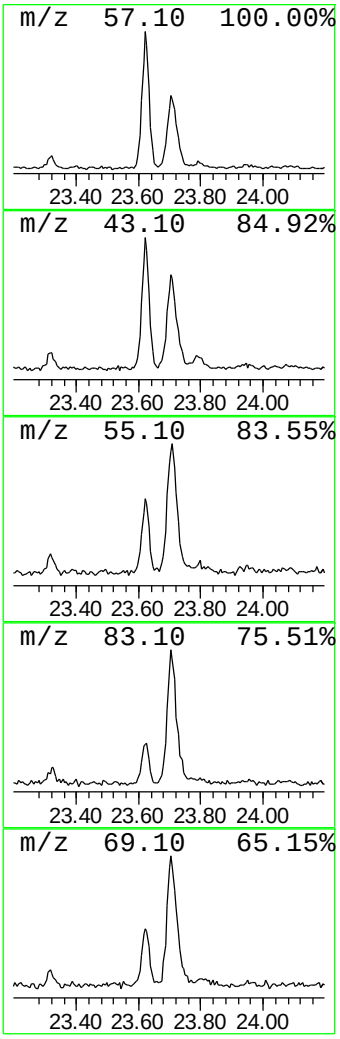
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.70	4.00 ng	298289	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Octacosanol	410	C28H58O	000557-61-9	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	92
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061620\
Data File : BM026414.D
Acq On : 16 Jun 2020 16:17
Operator : JU/CG
Sample : L3017-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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
2,4,7,9-Tetrameth...	12.97	8.4	ng	442886	3	14.05	1058510	20.0
unknown15.22	15.22	5.1	ng	270619	3	14.05	1058510	20.0
3-Eicosene, (E)-	18.62	5.8	ng	364494	4	16.80	1250930	20.0
1-Docosene	20.77	5.8	ng	425624	5	21.02	1466390	20.0
Heptadecane, 9-oc...	23.62	3.0	ng	226305	6	23.10	1489840	20.0
5-Eicosene, (E)-	23.70	4.0	ng	298289	6	23.10	1489840	20.0