LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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	4.993	352	358	376	rBV	1238185	1745047	48.91%	6.738%
2	6.563	619	625	646	rVB	1286921	1973111	55.30%	7.619%
3	7.351	754	759	771	rVB	384274	589249	16.52%	2.275%
4	7.669	805	813	824	rVB	1069103	1625112	45.55%	6.275%
5	8.504	947	955	970	rBV	839925	1397014	39.16%	5.394%
6	10.110	1217	1228	1241	rBV	468701	773612	21.68%	2.987%
7	12.622	1648	1655	1670	rBV	1871697	2641589	74.04%	10.200%
8	13.492	1797	1803	1814	rVB	178927	272136	7.63%	1.051%
9	14.010	1883	1891	1901	rVB2	614903	924979	25.93%	3.572%
10	15.521	2141	2148	2162	rBV	1352670	1913509	53.63%	7.389%
11	16.774	2355	2361	2372	rBV	700138	1003361	28.12%	3.874%
12	17.709	2514	2520	2527	rBV	40629	66164	1.85%	0.255%
13	18.456	2643	2647	2652	rBV	28971	37940	1.06%	0.146%
14	19.339	2793	2797	2802	rBV	239895	283349	7.94%	1.094%
15	19.433	2807	2813	2823	rBV	3061256	3567865	100.00%	13.777%
16	19.856	2881	2885	2888	rVB2	38781	44160	1.24%	0.171%
17	20.292	2954	2959	2963	rVB2	100930	126533	3.55%	0.489%
18	20.562	3002	3005	3012	rBV	42942	53103	1.49%	0.205%
19	20.739	3031	3035	3043	rBV	296234	421051	11.80%	1.626%
20	20.986	3072	3077	3087	rBV	980328	1195833	33.52%	4.618%
21	21.180	3107	3110	3114	rBV2	69348	80396	2.25%	0.310%
22	21.609	3177	3183	3190	rBV2	236778	515017	14.43%	1.989%
23	22.021	3250	3253	3257	rBV	113357	124046	3.48%	0.479%
24	22.233	3286	3289	3293	rVB3	92750	115856	3.25%	0.447%
25	22.486	3328	3332	3336	rBV	539641	687684	19.27%	2.655%
26	22.533	3336	3340	3348	rVB	228592	377147	10.57%	1.456%
27	22.997	3416	3419	3424	rVB	130313	175246	4.91%	0.677%
28	23.068	3425	3431	3438	rVB2	730205	1243771	34.86%	4.803%
29	23.280	3463	3467	3472	rVB2	155127	224706	6.30%	0.868%
30	23.580	3513	3518	3524	rVB	583933	992307	27.81%	3.832%
31	23.656	3527	3531	3540	rVV3	143070	320040	8.97%	1.236%
32	25.015	3757	3762	3774	rVB2	148100	386786	10.84%	1.494%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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

Sum of corrected areas: 25897719

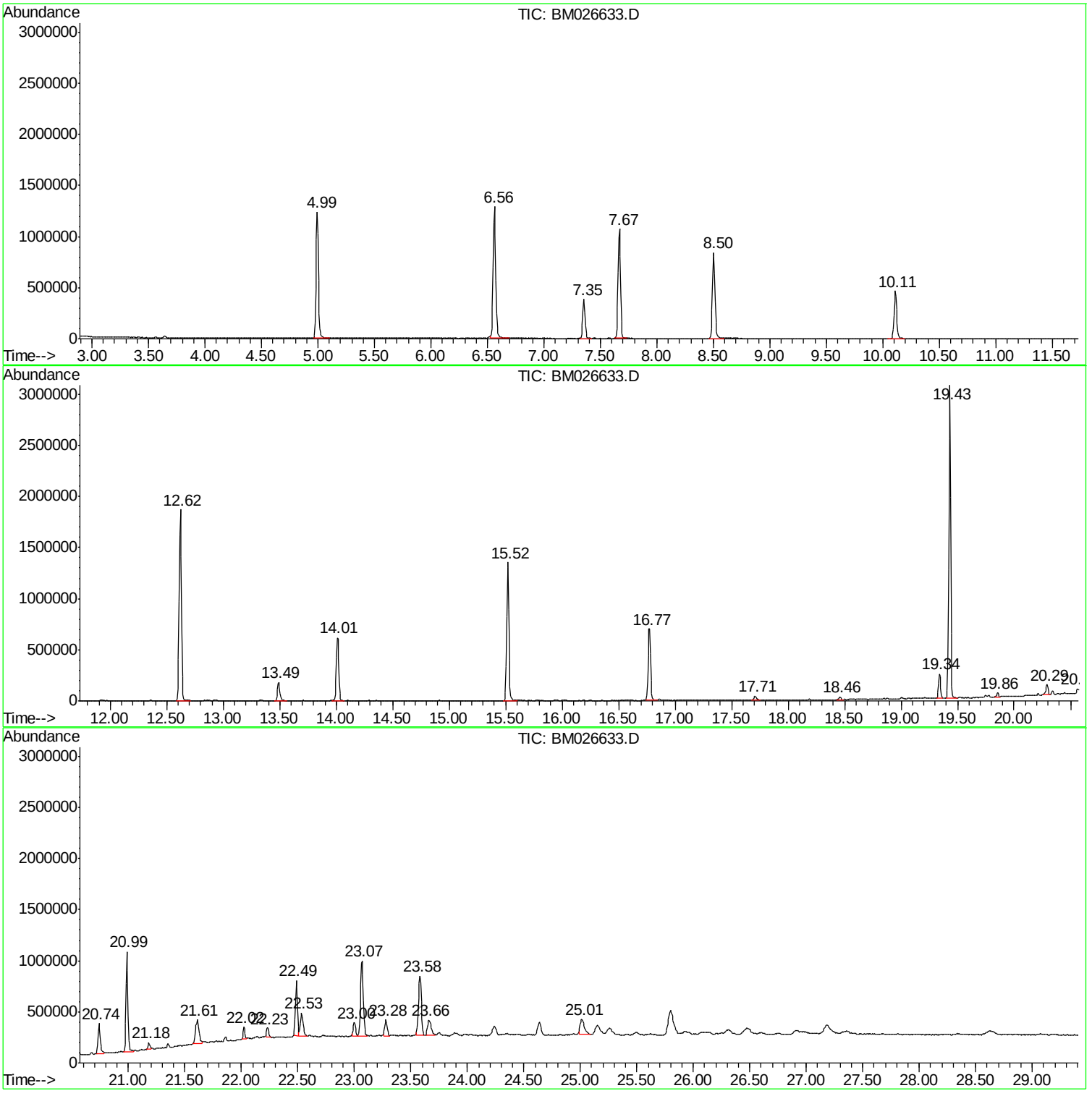
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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

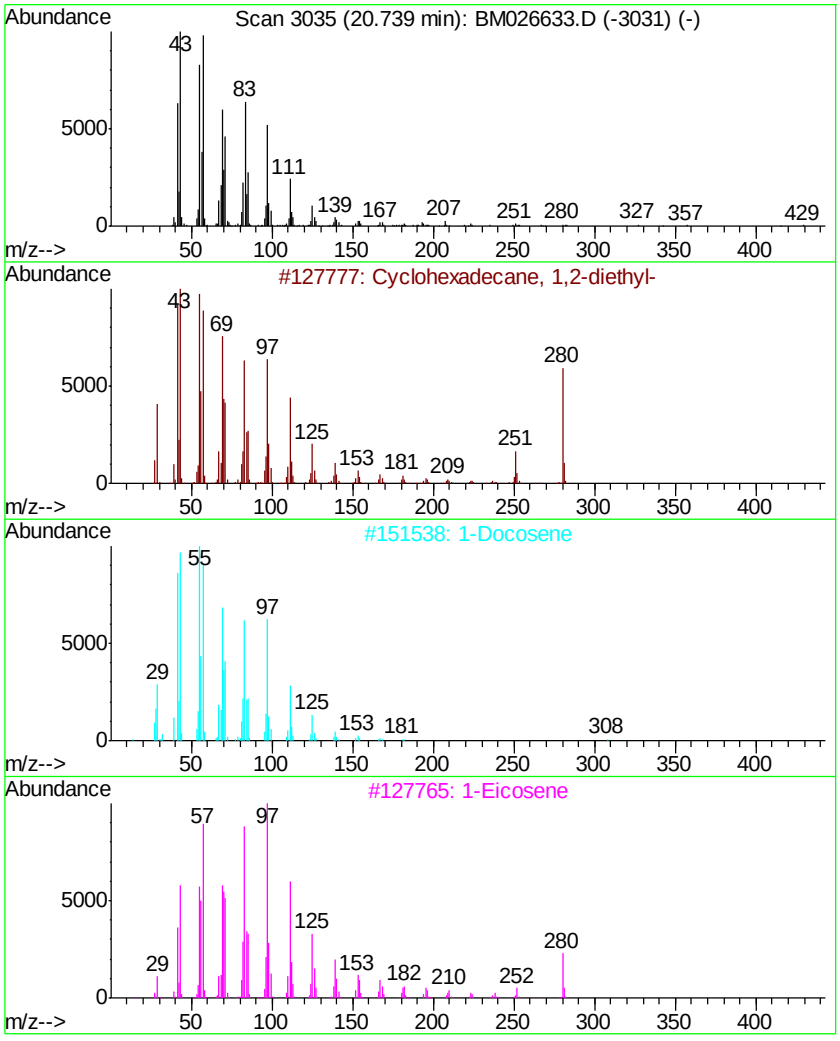
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

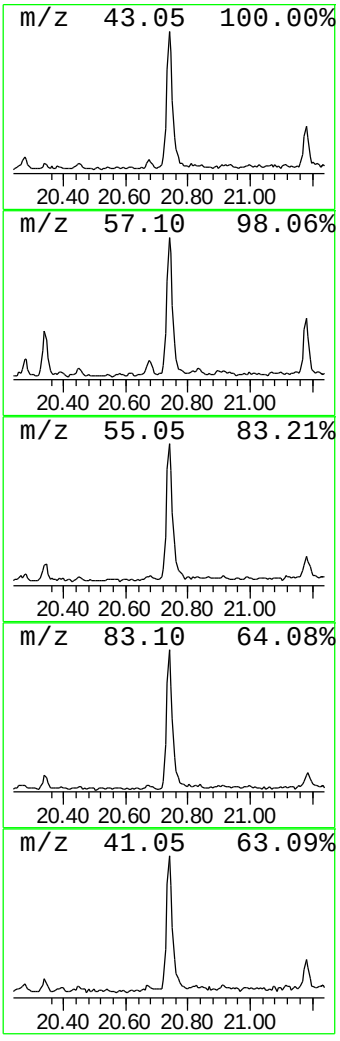
****

Peak Number 4 Cyclohexadecane, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	7.04 ng	421051	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	96
2	1-Docosene	308	C22H44	001599-67-3	95
3	1-Eicosene	280	C20H40	003452-07-1	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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

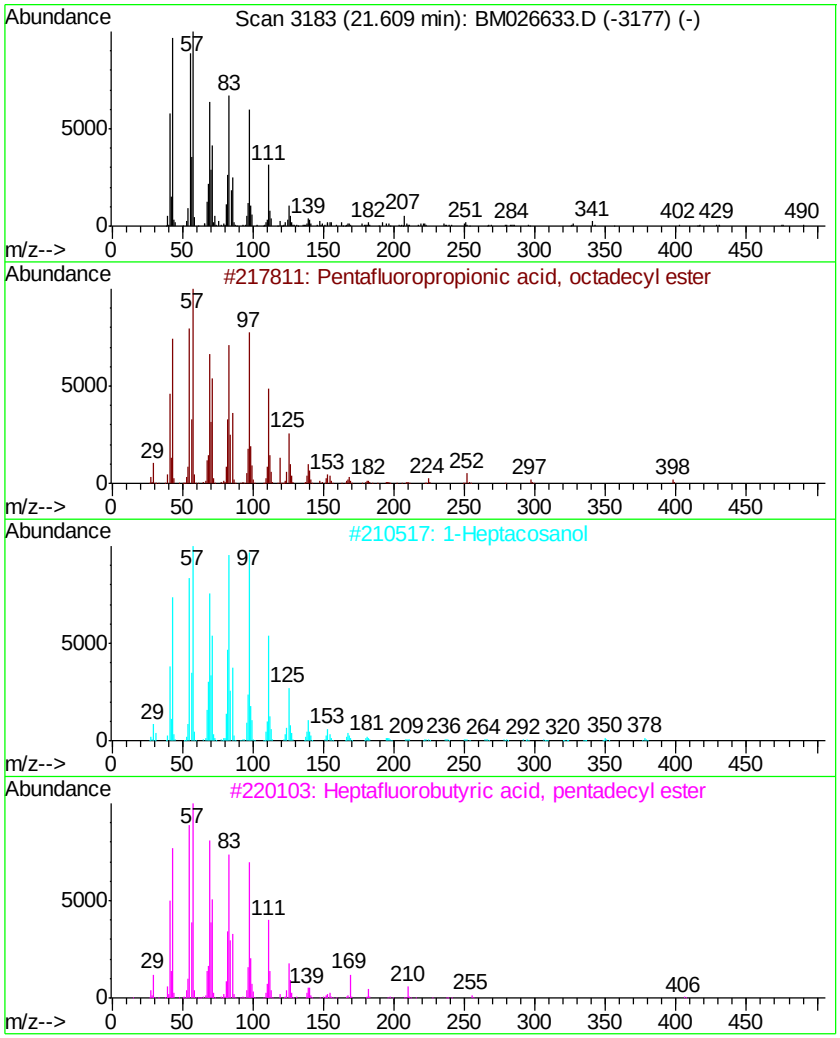
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

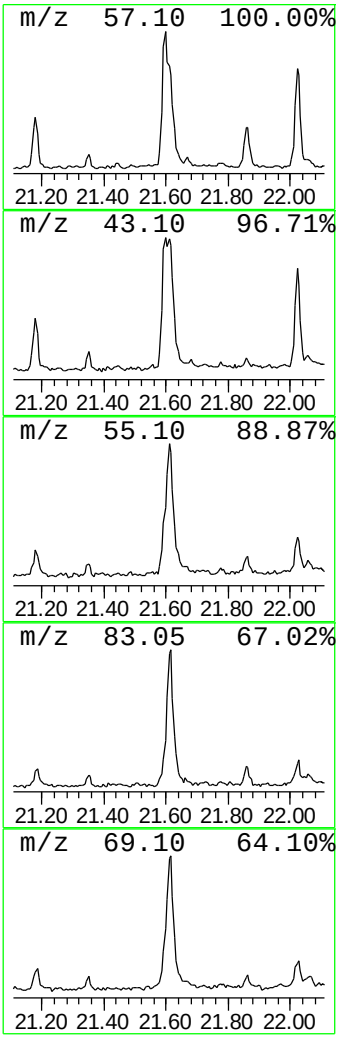
****

Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	8.61 ng	515017	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

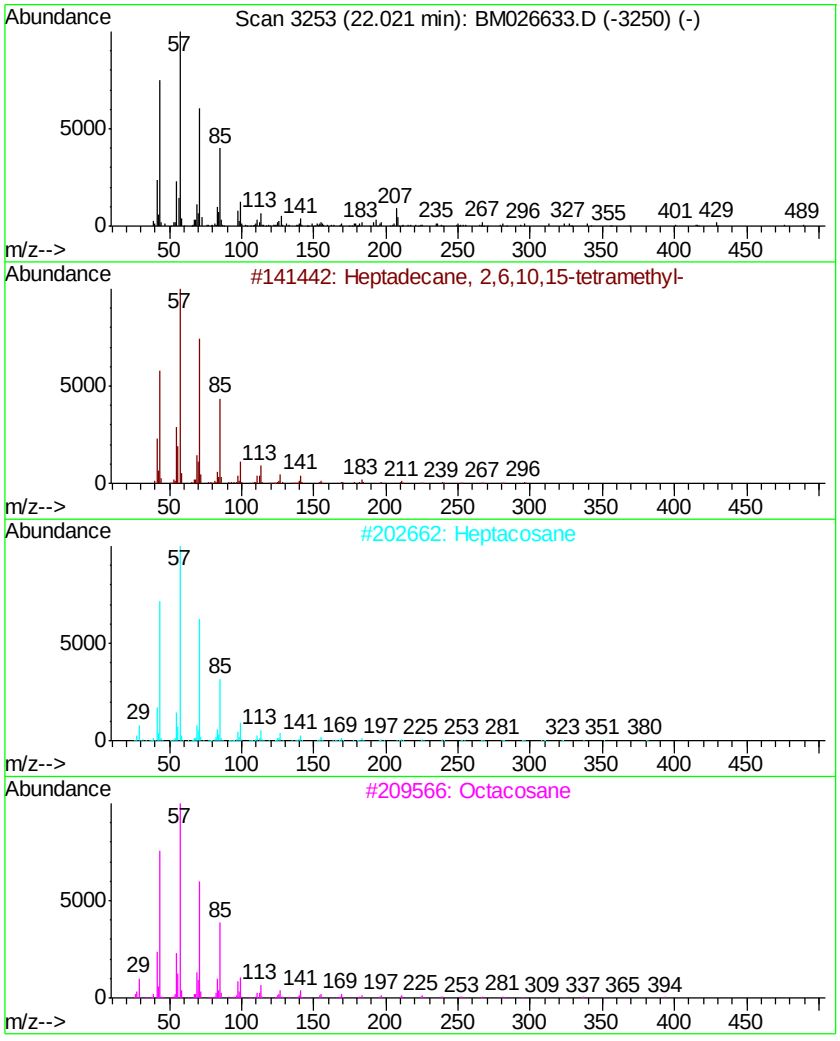
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

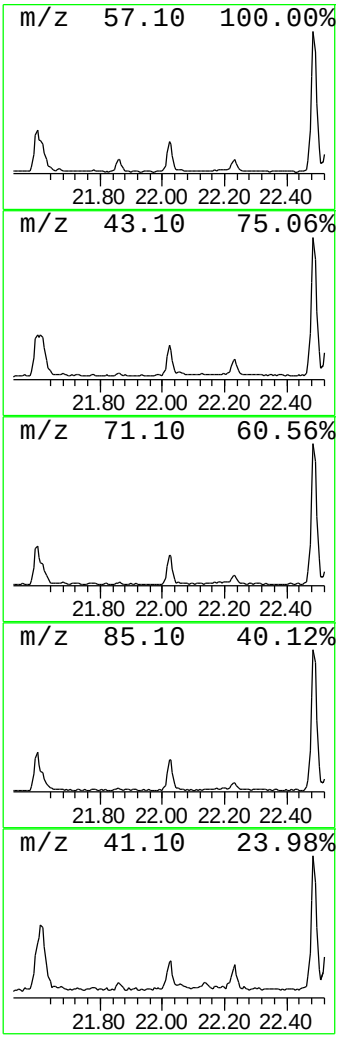
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	2.07 ng	124046	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heptacosane	380	C27H56	000593-49-7	81
3	Octacosane	394	C28H58	000630-02-4	74
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	74
5	Tetracosane	338	C24H50	000646-31-1	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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

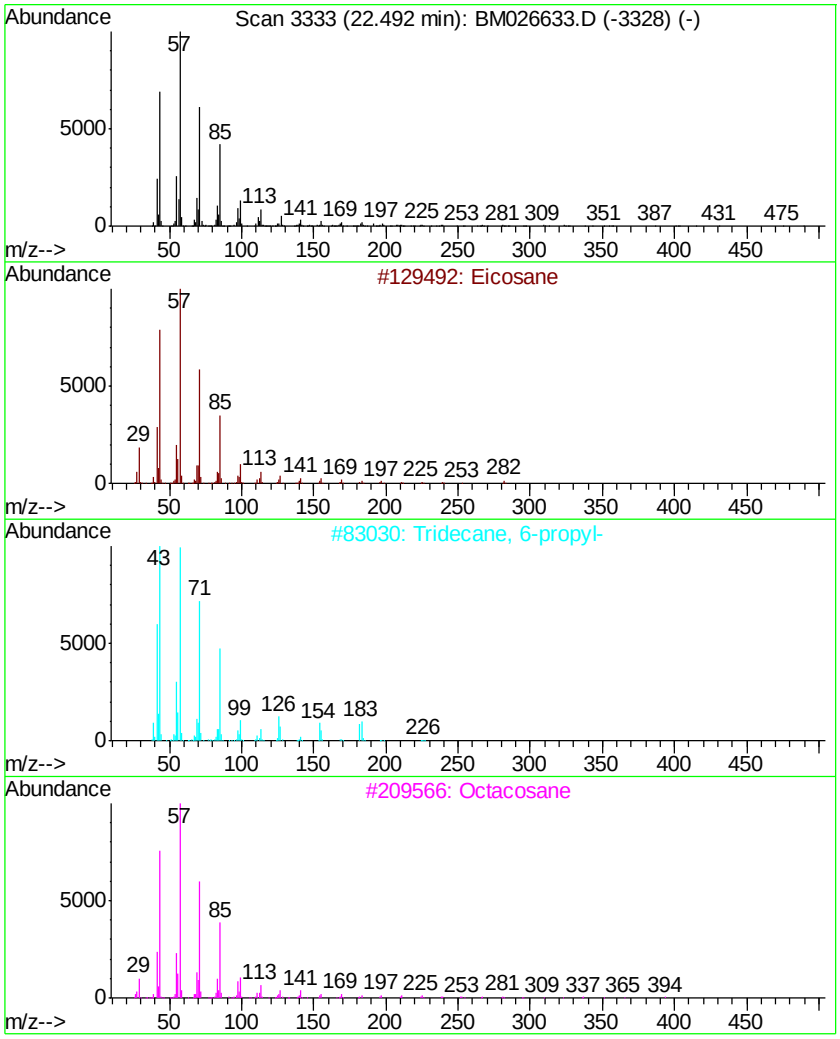
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

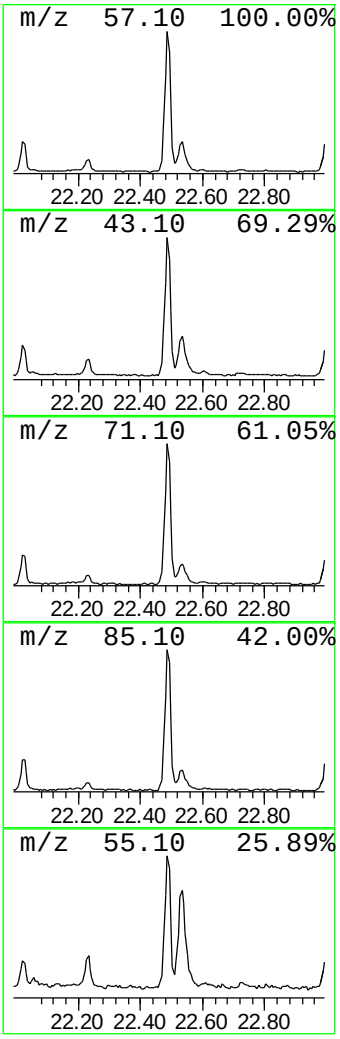
****

Peak Number 7 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	11.06 ng	687684	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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

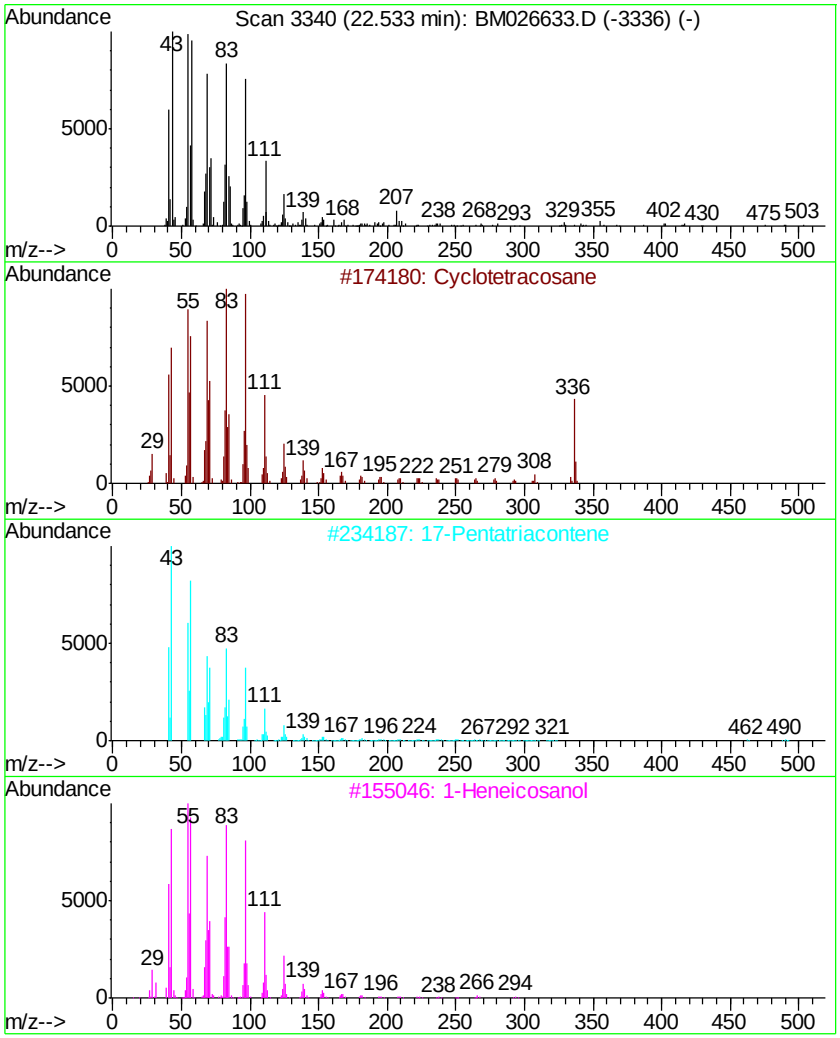
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

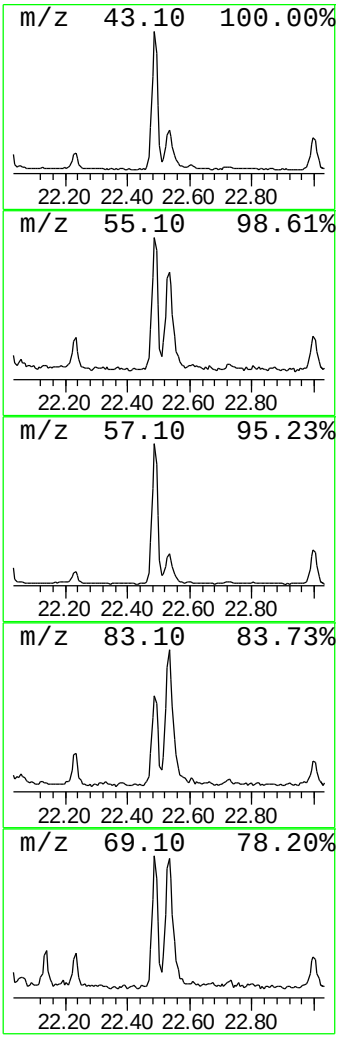
****

Peak Number 8 Cyclotetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	6.06 ng	377147	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	17-Pentatriacontene	491	C35H70	006971-40-0	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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

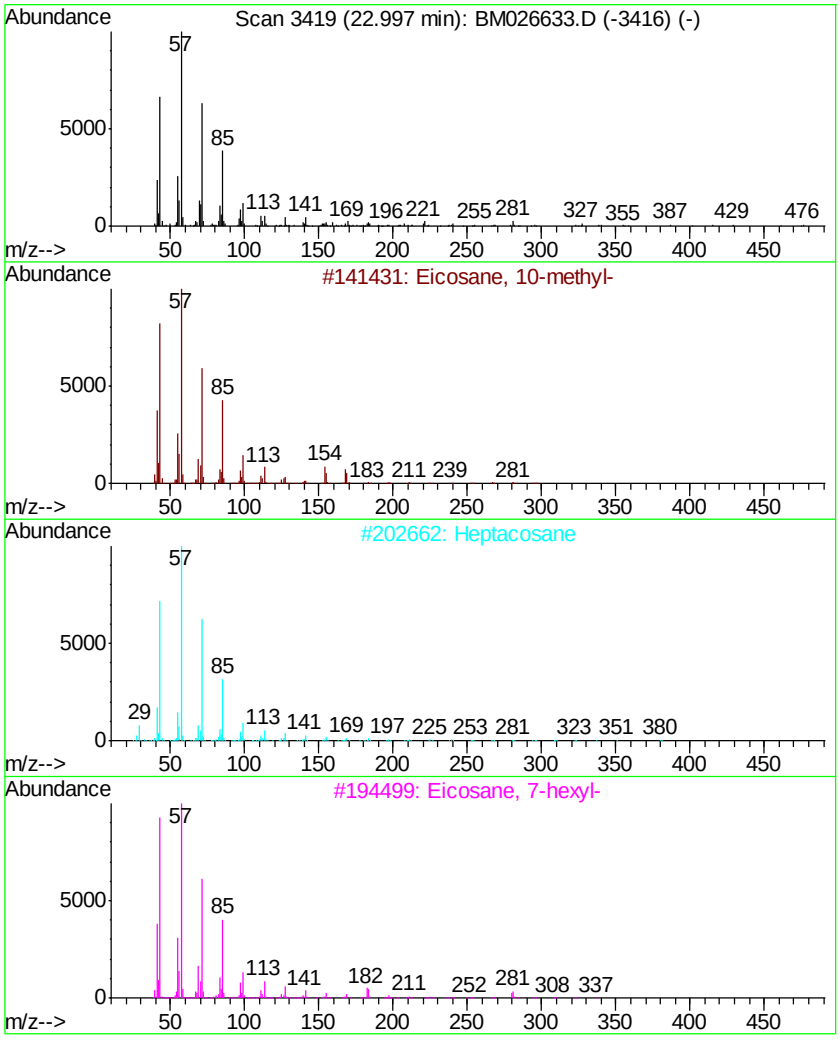
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

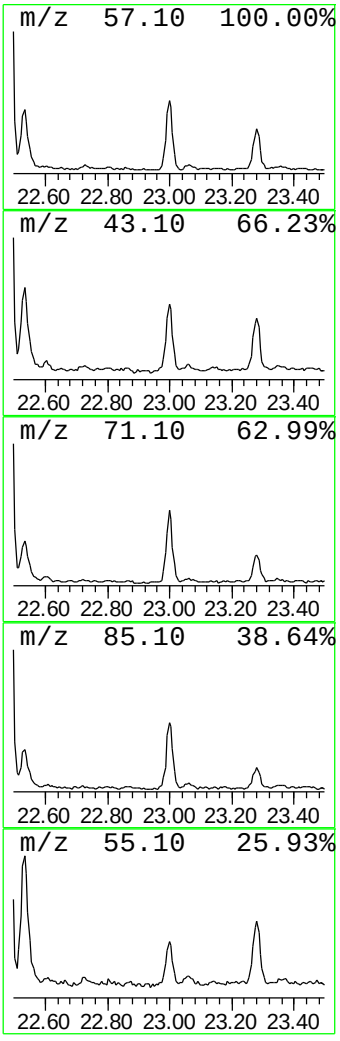
****

Peak Number 9 Eicosane, 10-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	2.82 ng	175246	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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

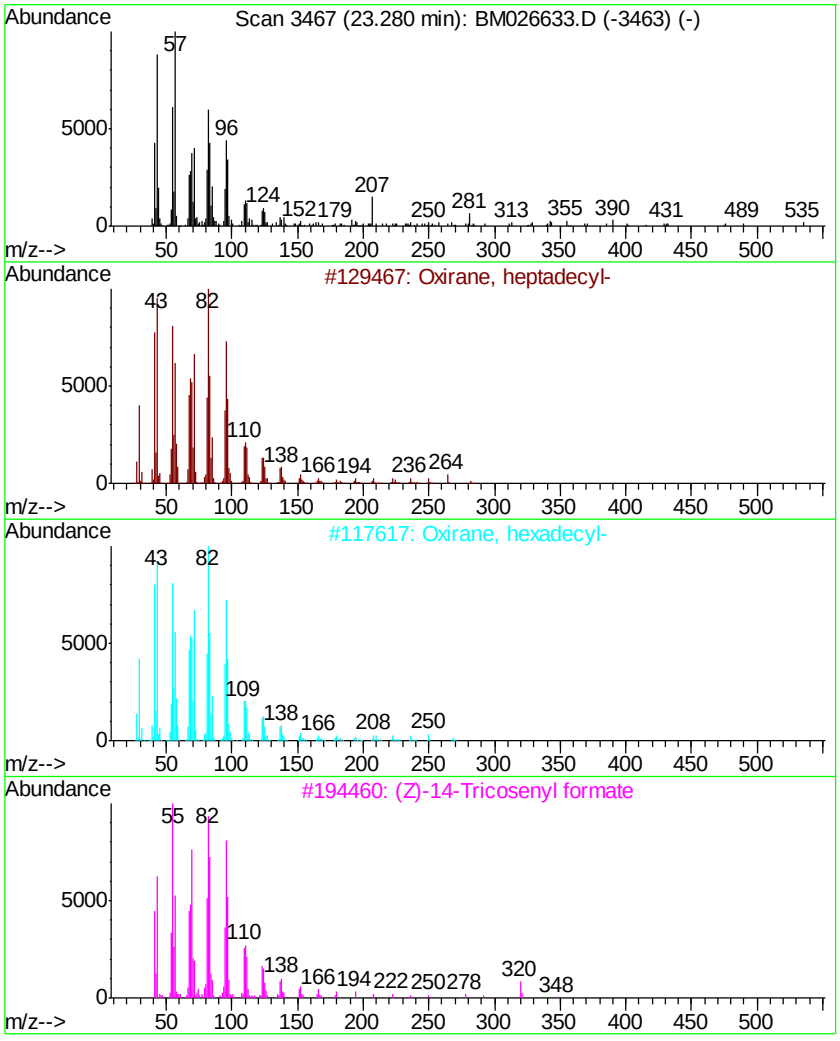
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

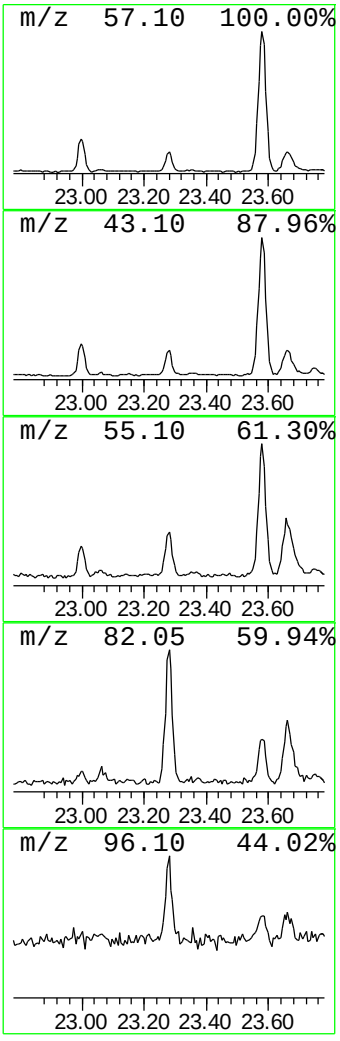
****

Peak Number 10 Oxirane, heptadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	3.61 ng	224706	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	81
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	70
4	1,19-Eicosadiene	278	C20H38	014811-95-1	70
5	2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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

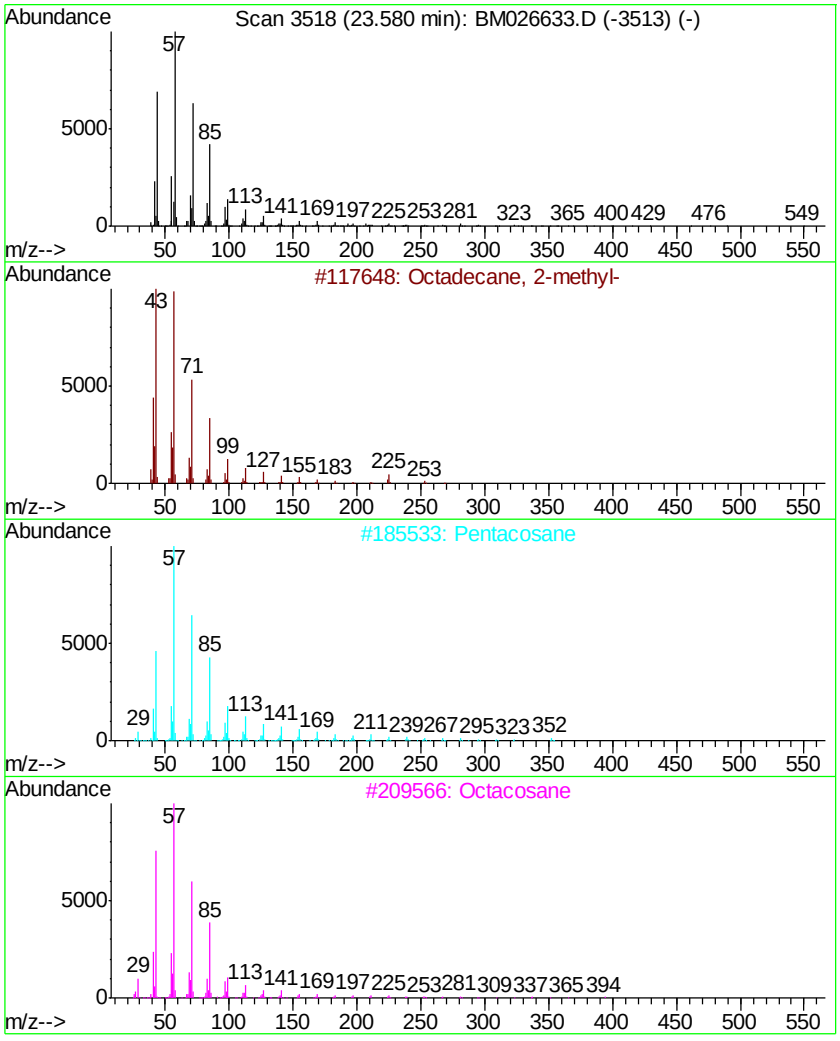
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

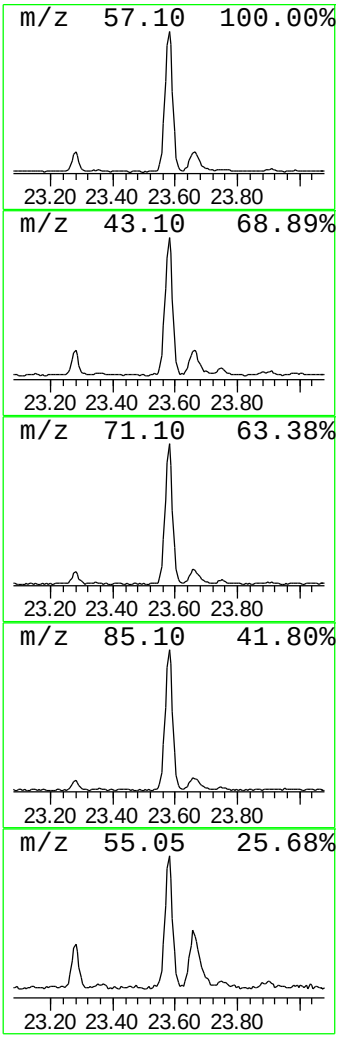
****

Peak Number 11 Octadecane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	15.96 ng	992307	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Pentacosane	352	C25H52	000629-99-2	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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

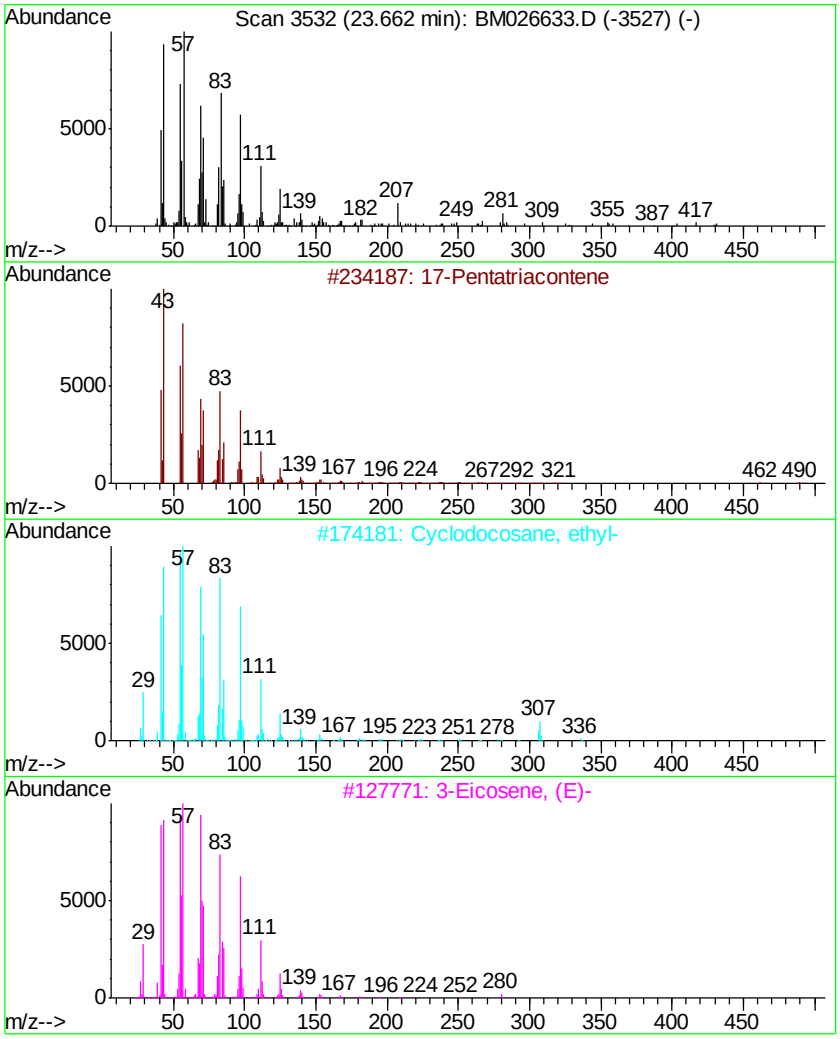
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

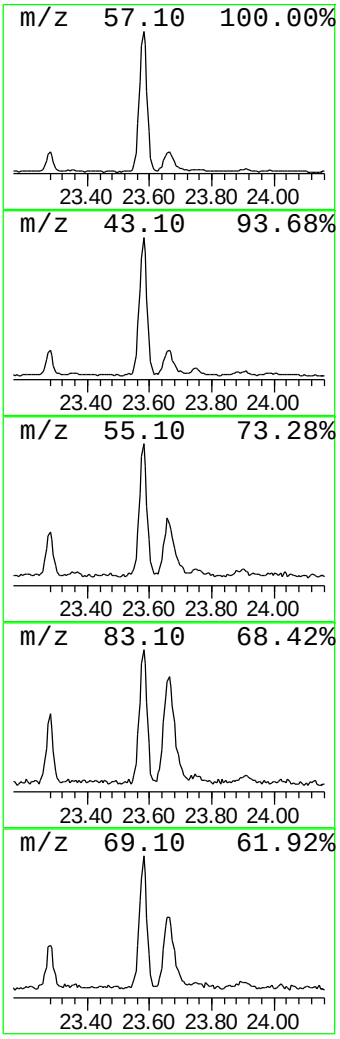
****

Peak Number 12 17-Pentatriacontene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	5.15 ng	320040	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	94
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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

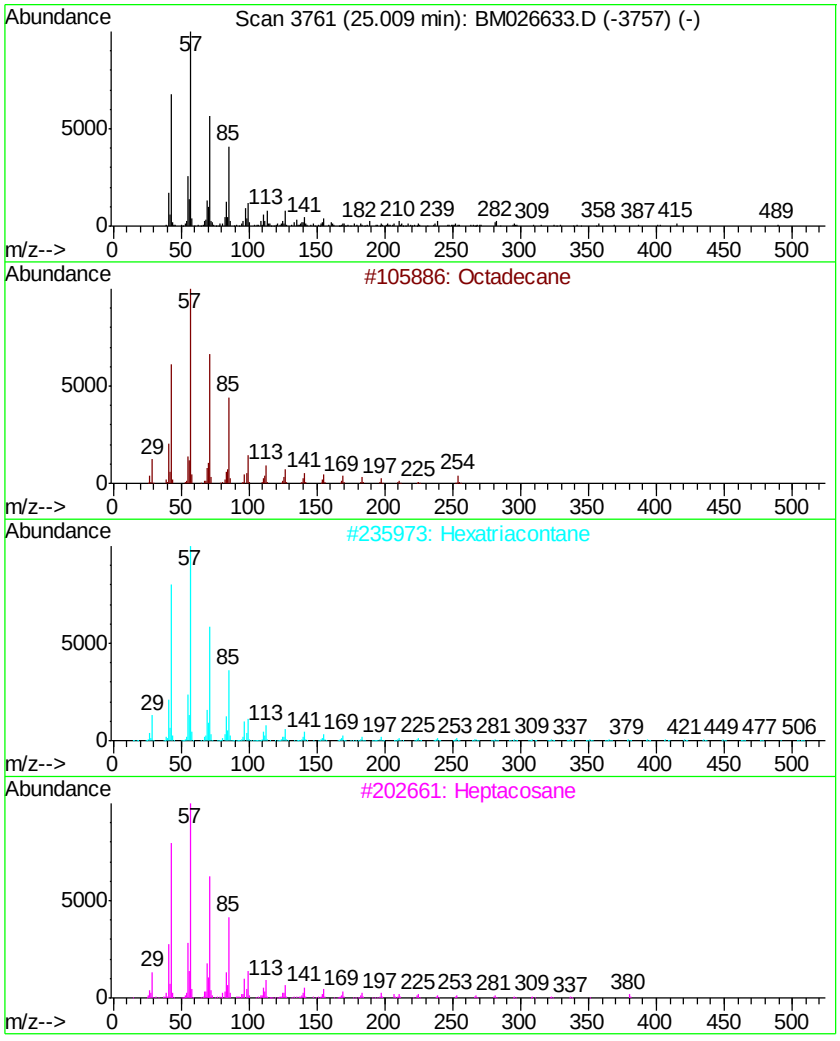
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

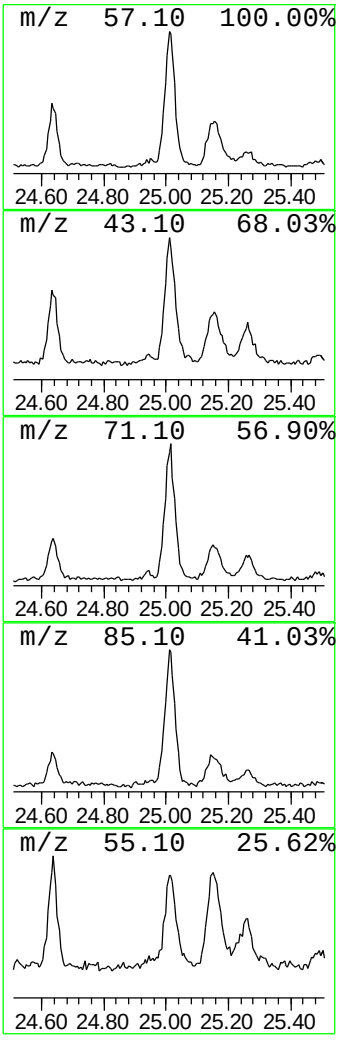
****

Peak Number 13 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.01	6.22 ng	386786	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	90
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

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
Cyclohexadecane, ...	20.74	7.0	ng	421051	5	20.99	1195830	20.0
Pentafluoropropio...	21.61	8.6	ng	515017	5	20.99	1195830	20.0
Heptadecane, 2,6,...	22.02	2.1	ng	124046	5	20.99	1195830	20.0
Eicosane	22.49	11.1	ng	687684	6	23.07	1243770	20.0
Cyclotetracosane	22.53	6.1	ng	377147	6	23.07	1243770	20.0
Eicosane, 10-methyl-	23.00	2.8	ng	175246	6	23.07	1243770	20.0
Oxirane, heptadecyl-	23.28	3.6	ng	224706	6	23.07	1243770	20.0
Octadecane, 2-met...	23.58	16.0	ng	992307	6	23.07	1243770	20.0
17-Pentatriacontene	23.66	5.2	ng	320040	6	23.07	1243770	20.0
Octadecane	25.01	6.2	ng	386786	6	23.07	1243770	20.0