LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
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_P\METHODS\8270-BP062920.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	5.193	385	392	408	rBV	501460	847291	17.65%	2.876%
2	6.764	653	659	675	rVB	608601	1046386	21.80%	3.551%
3	7.569	790	796	807	rBV	193994	319634	6.66%	1.085%
4	7.887	843	850	861	rBV	545689	911025	18.98%	3.092%
5	8.716	984	991	1009	rBV	450940	791657	16.49%	2.687%
6	10.346	1260	1268	1279	rBV	293335	516841	10.77%	1.754%
7	12.834	1684	1691	1710	rBV	1349601	2090783	43.56%	7.096%
8	13.687	1830	1836	1848	rBV	164360	260107	5.42%	0.883%
9	14.222	1919	1927	1936	rBV	570477	866925	18.06%	2.942%
10	15.722	2175	2182	2195	rBV	1281401	1900189	39.59%	6.449%
11	16.981	2390	2396	2407	rBV	876838	1263283	26.32%	4.287%
12	18.645	2675	2679	2683	rBV	40760	49390	1.03%	0.168%
13	19.486	2817	2822	2828	rVB	339772	417708	8.70%	1.418%
14	19.569	2830	2836	2848	rBV	3877778	4800114	100.00%	16.291%
15	20.404	2973	2978	2984	rVB	220474	274102	5.71%	0.930%
16	20.463	2984	2988	2991	rBV	52061	60450	1.26%	0.205%
17	20.657	3017	3021	3027	rBV	85922	100105	2.09%	0.340%
18	20.828	3046	3050	3058	rBV	391892	580143	12.09%	1.969%
19	21.086	3089	3094	3104	rBV	1578119	2011325	41.90%	6.826%
20	21.269	3121	3125	3130	rBV	99084	122277	2.55%	0.415%
21	21.704	3193	3199	3209	rBV2	409232	763264	15.90%	2.590%
22	21.992	3246	3248	3258	rVB3	61748	86775	1.81%	0.294%
23	22.151	3271	3275	3280	rBV	183565	236039	4.92%	0.801%
24	22.374	3309	3313	3320	rBV	128095	157480	3.28%	0.534%
25	22.657	3355	3361	3364	rBV	794764	1140046	23.75%	3.869%
26	22.692	3364	3367	3378	rVB	304043	536336	11.17%	1.820%
27	23.216	3451	3456	3461	rBV	208024	335978	7.00%	1.140%
28	23.280	3461	3467	3476	rVB2	1220801	2268073	47.25%	7.697%
29	23.521	3503	3508	3515	rVB	207031	337419	7.03%	1.145%
30	23.857	3559	3565	3573	rVB	823636	1588330	33.09%	5.391%
31	23.939	3574	3579	3591	rVB2	202151	433611	9.03%	1.472%
32	25.033	3759	3765	3777	rVB2	191286	445149	9.27%	1.511%
33	25.468	3832	3839	3851	rVB	261364	696818	14.52%	2.365%
34	26.310	3974	3982	4001	rVB4	372960	1210209	25.21%	4.107%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
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_P\METHODS\8270-BP062920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 29465262

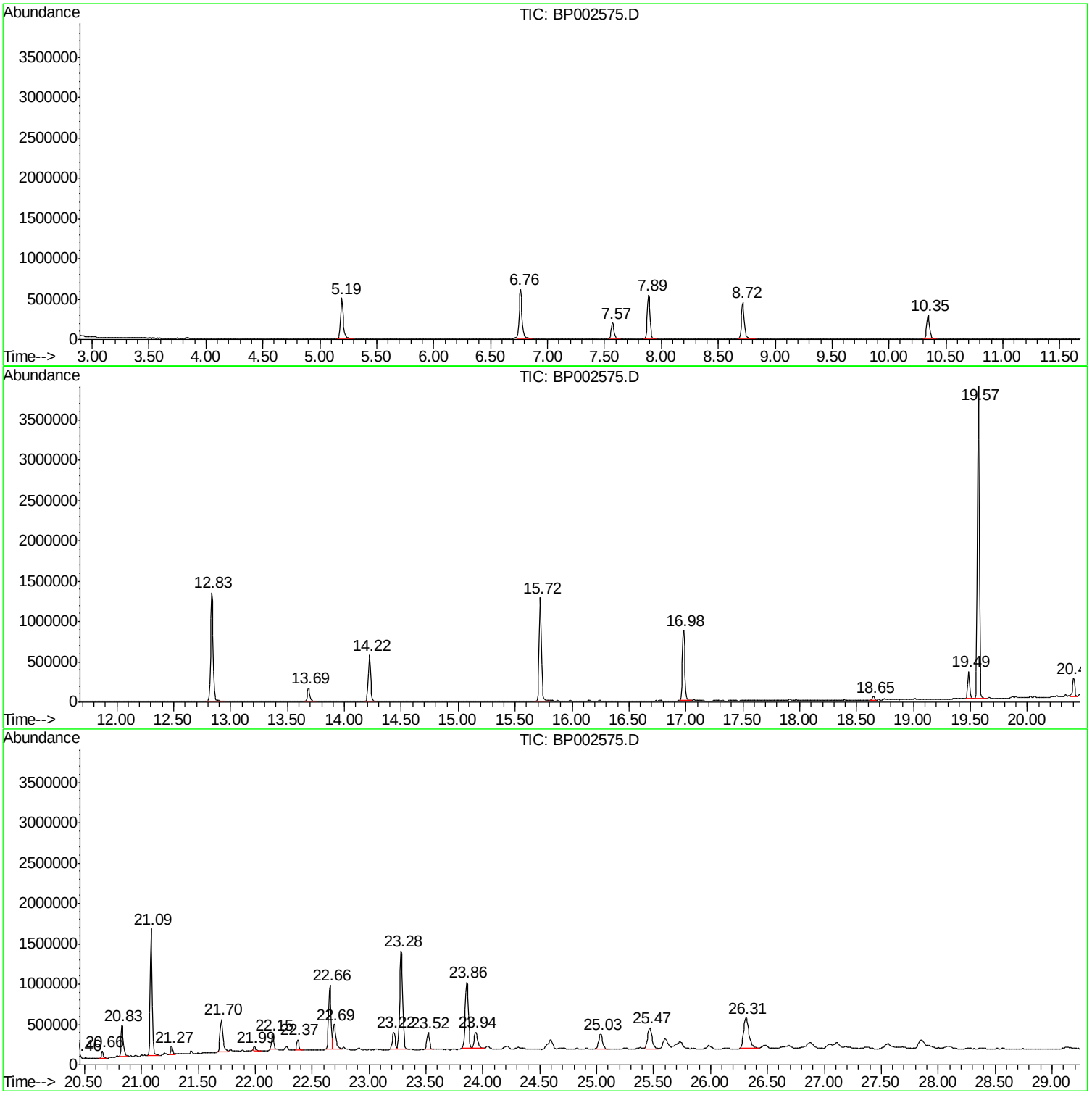
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.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 P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

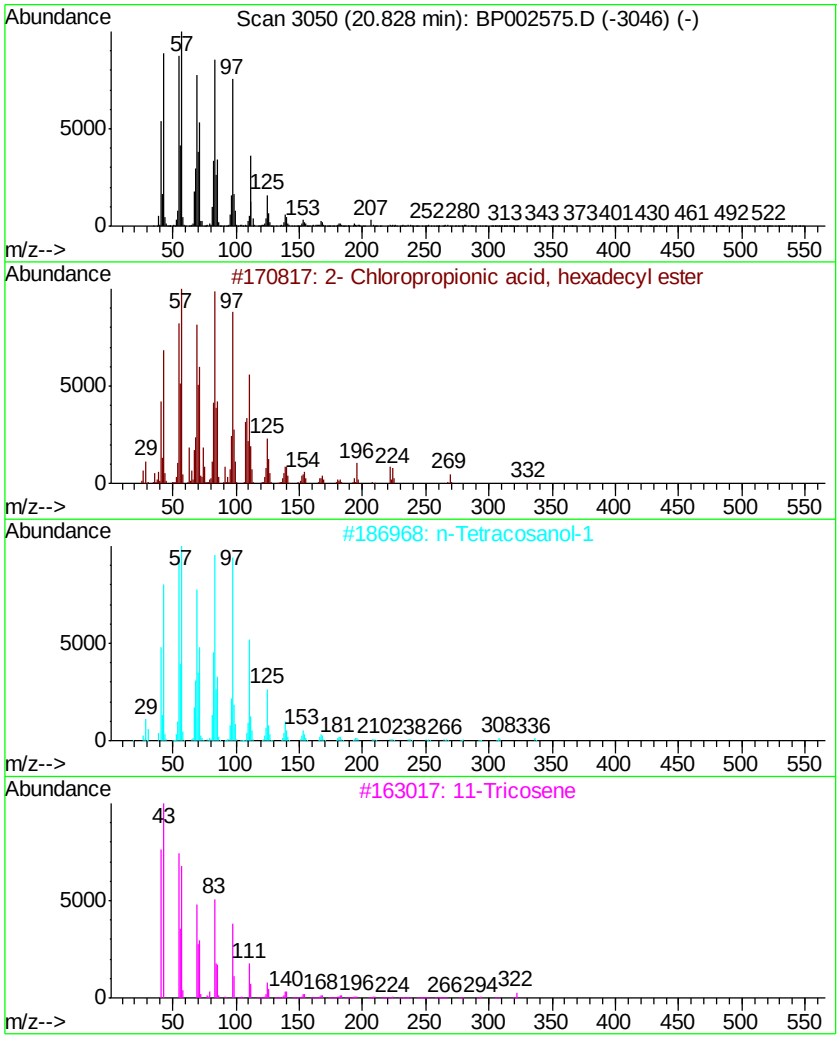
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

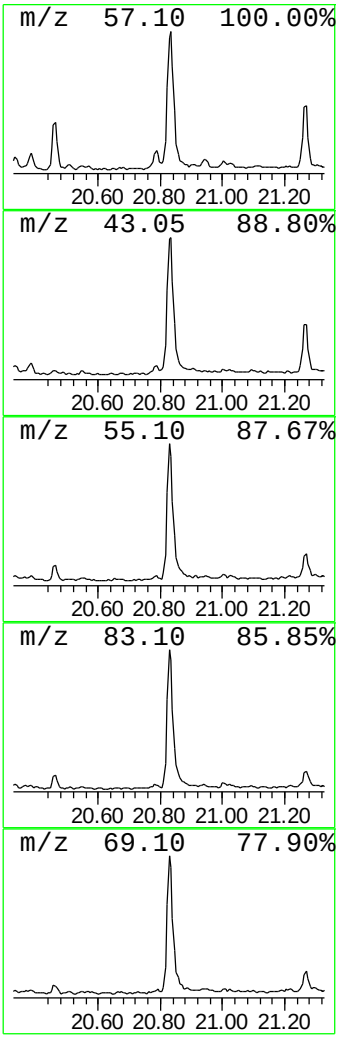
****

Peak Number 4 2- Chloropropionic acid, he... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.77 ng	580143	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	11-Tricosene	322	C23H46	052078-56-5	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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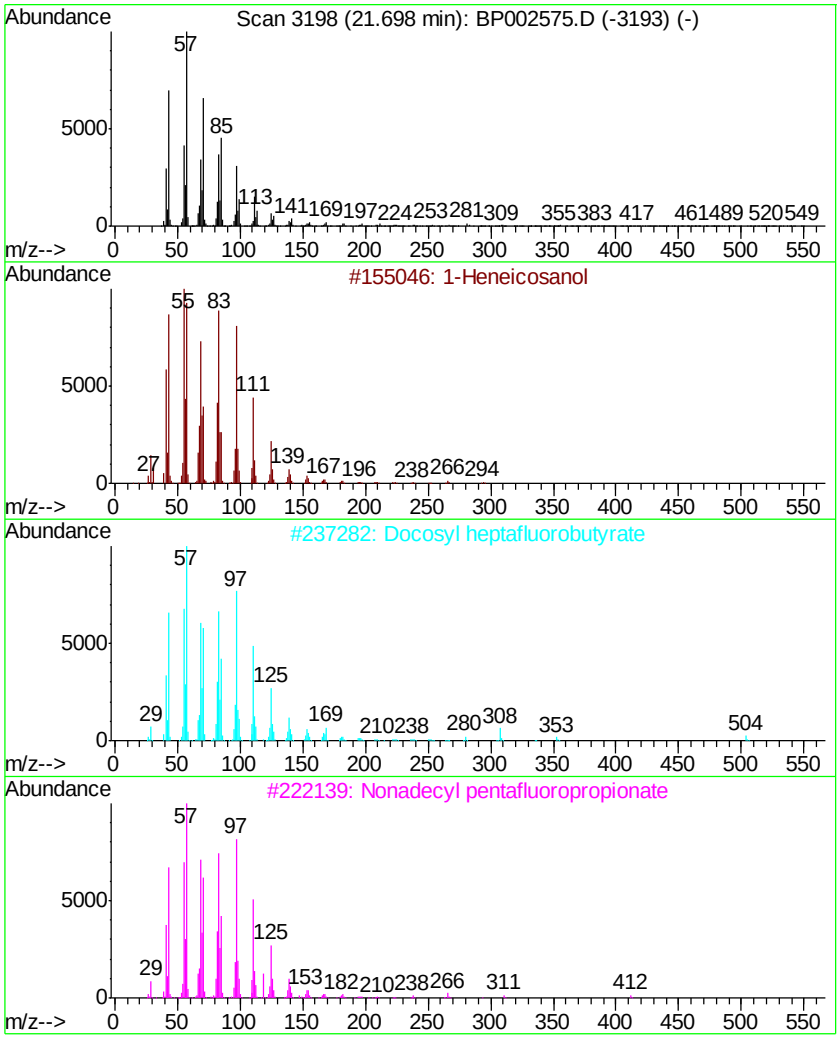
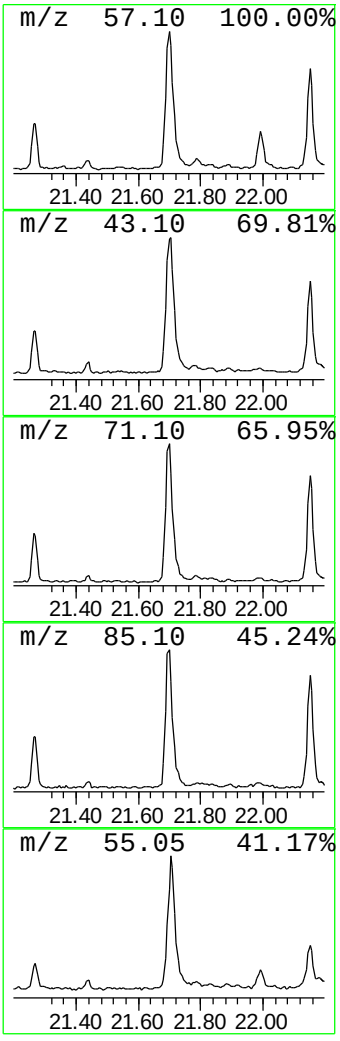
Peak Number 5 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	7.59 ng	763264	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	92
2	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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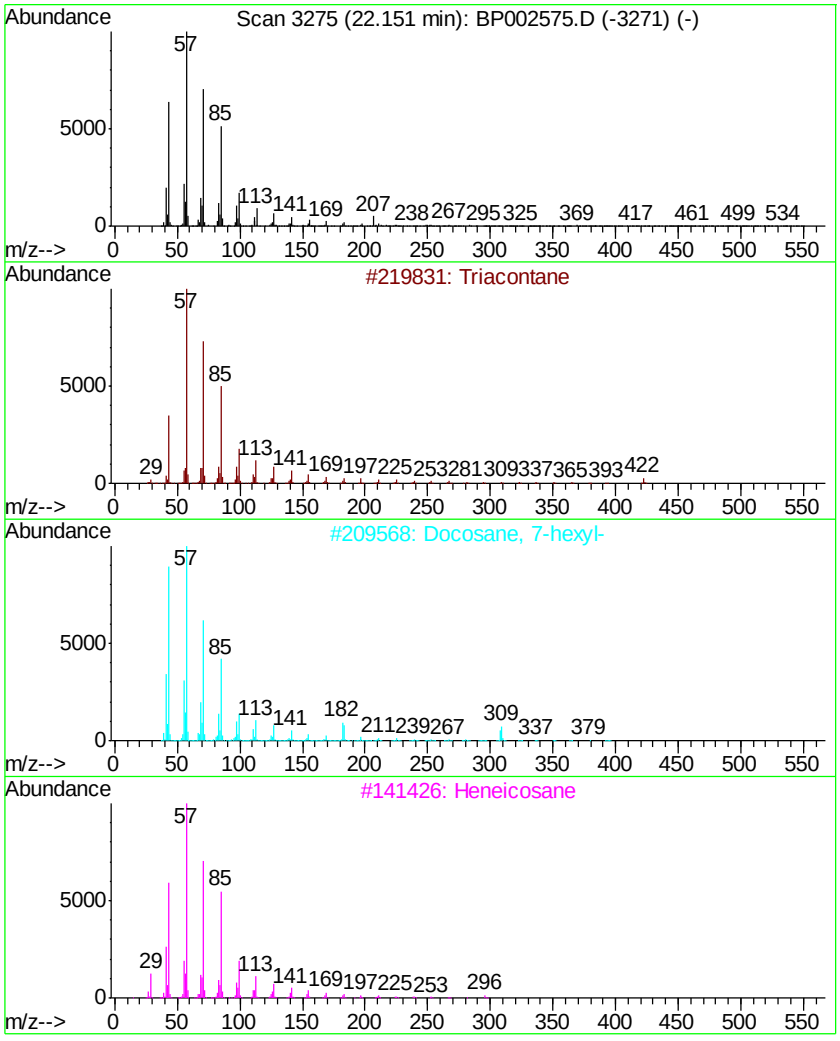
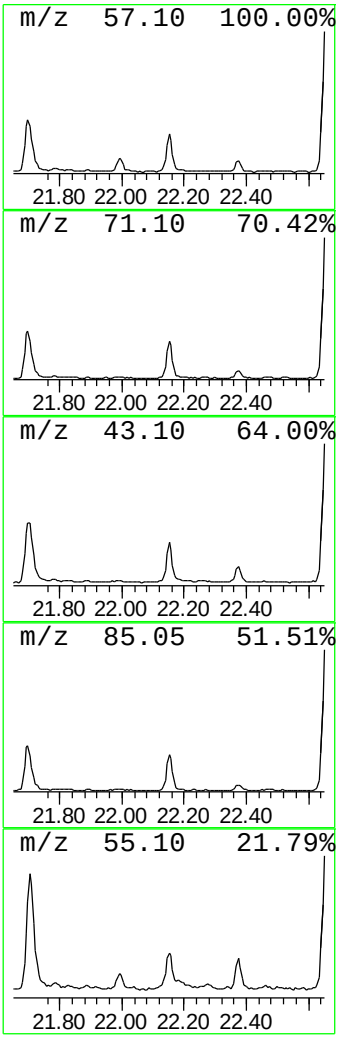
Peak Number 6 Triacontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	2.35 ng	236039	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	94
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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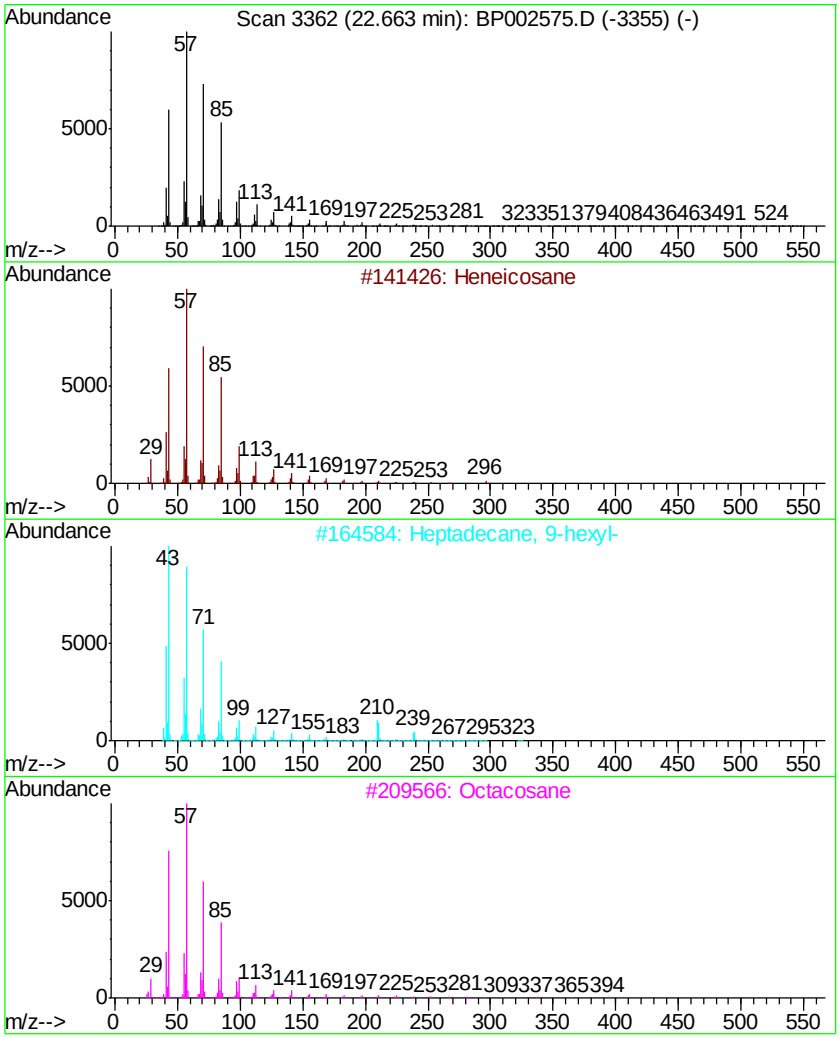
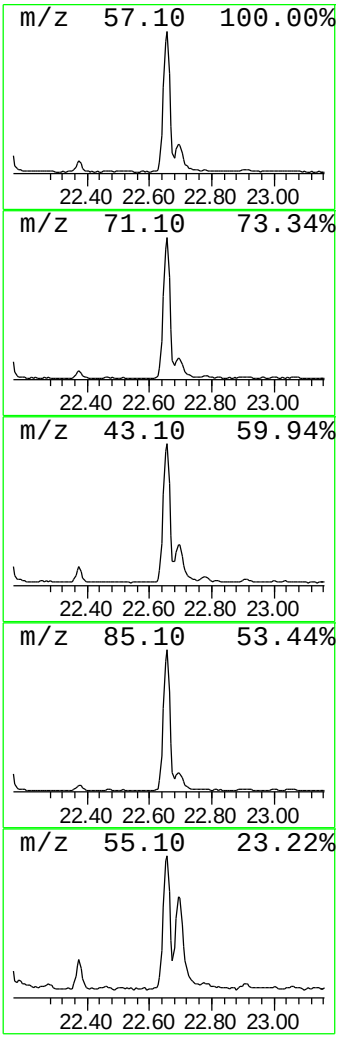
Peak Number 7 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	10.05 ng	1140050	Perylene-d12	23.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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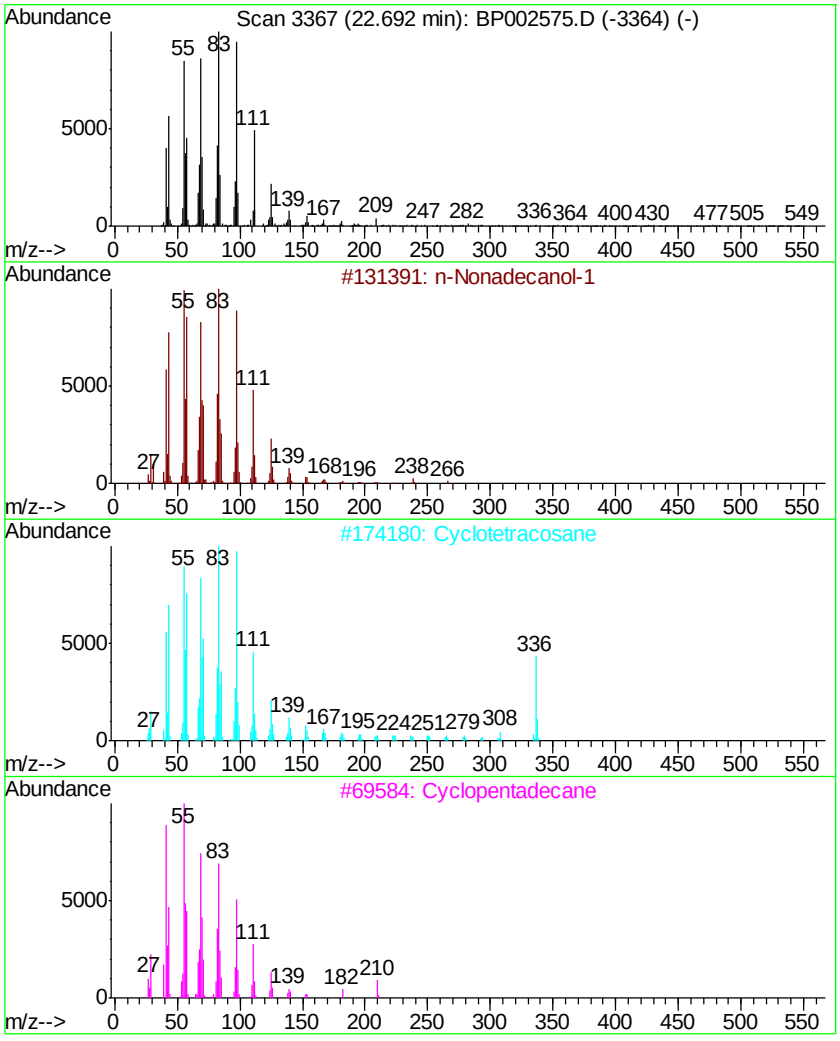
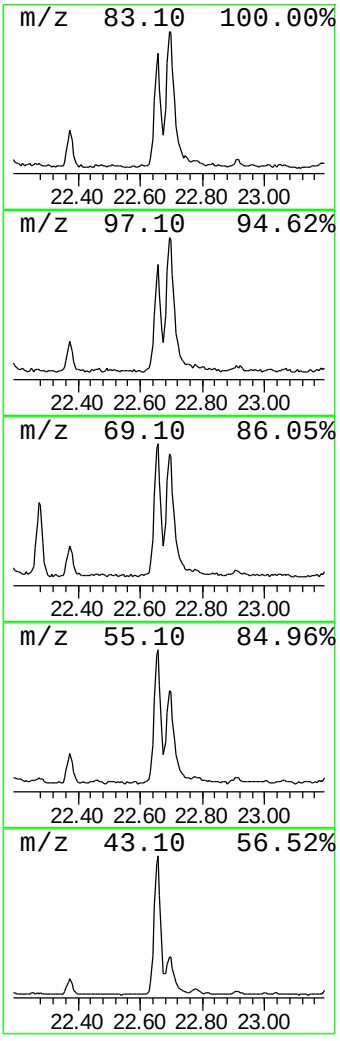
Peak Number 8 n-Nonadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	4.73 ng	536336	Perylene-d12	23.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
2	Cyclotetracosane	336	C24H48	000297-03-0	78
3	Cyclopentadecane	210	C15H30	000295-48-7	72
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	52
5	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

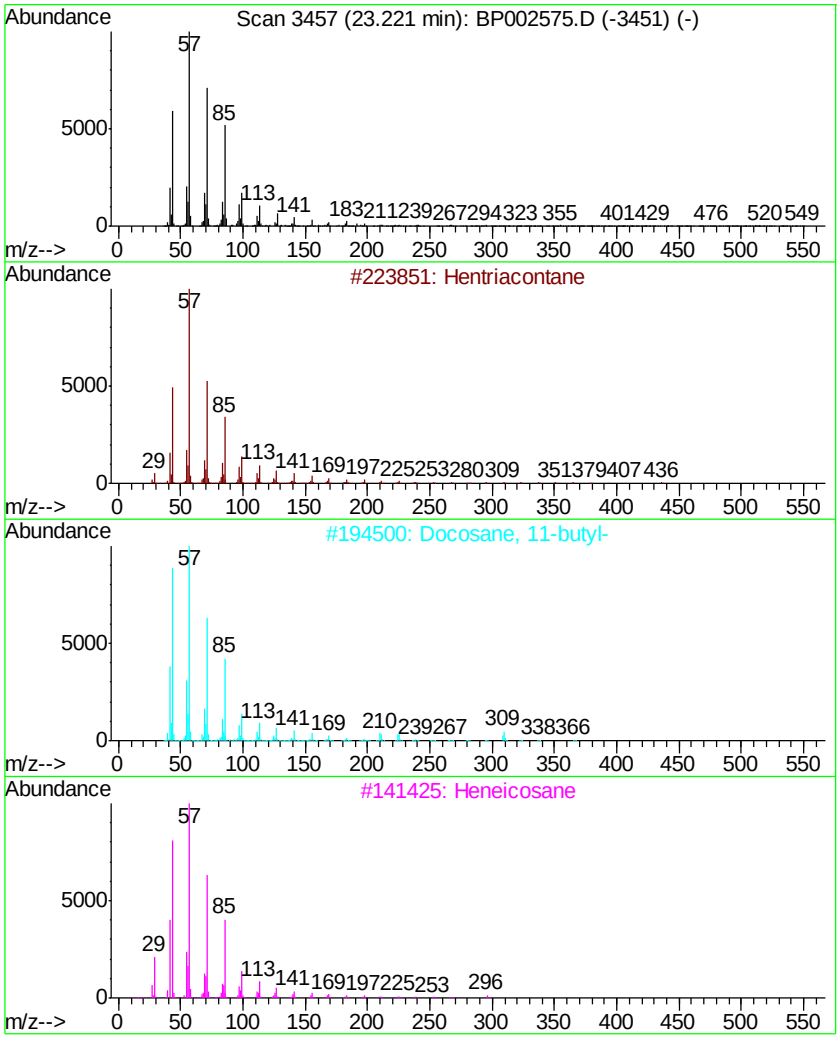
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

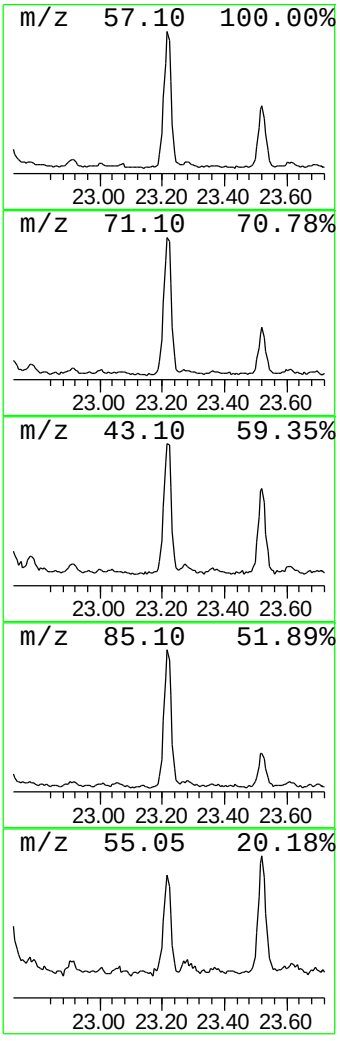
****

Peak Number 9 Hentriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	2.96 ng	335978	Perylene-d12	23.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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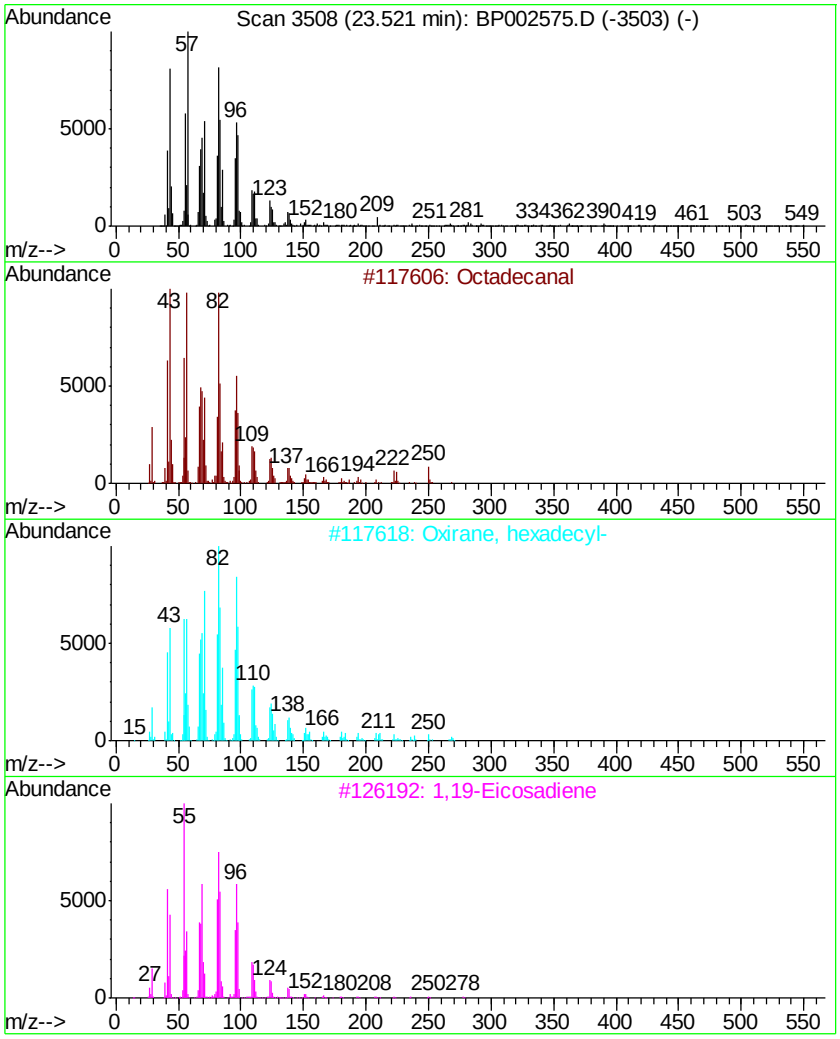
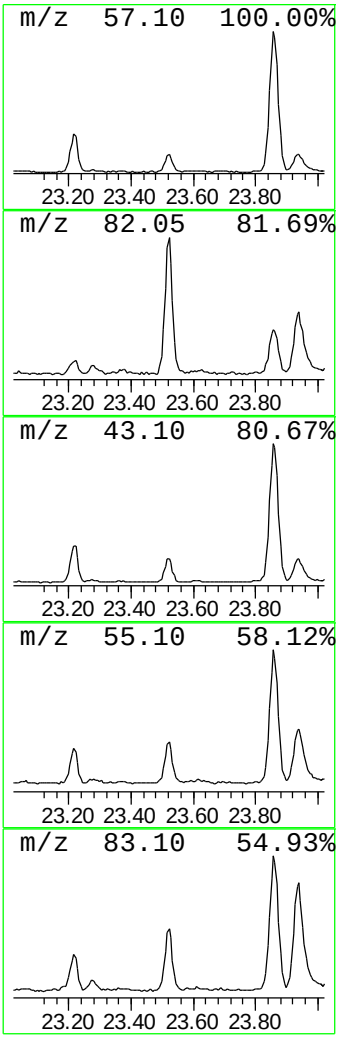
Peak Number 10 Oxirane, hexadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	2.98 ng	337419	Perylene-d12	23.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	1,19-Eicosadiene	278	C20H38	014811-95-1	90
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5	1,13-Tetradecadiene	194	C14H26	021964-49-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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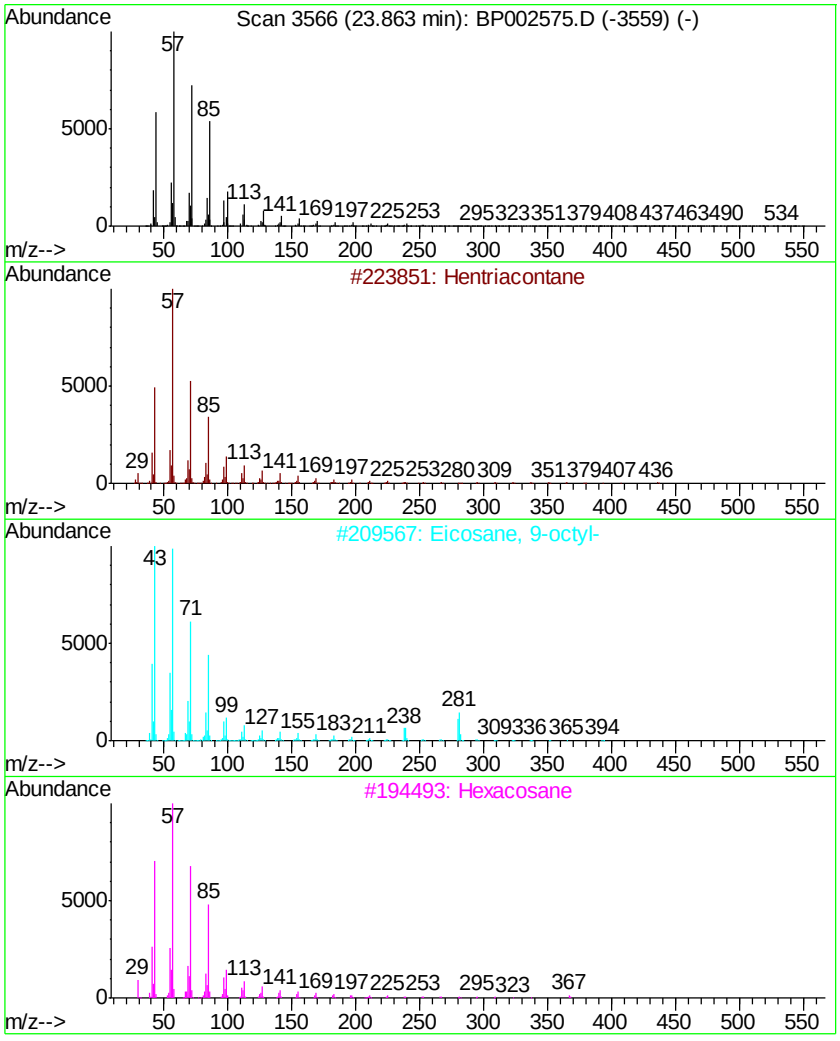
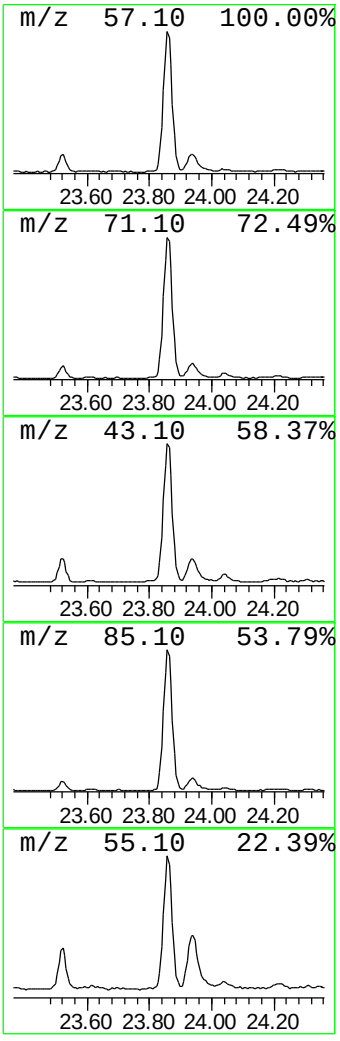
Peak Number 11 Eicosane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	14.01 ng	1588330	Perylene-d12	23.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	95
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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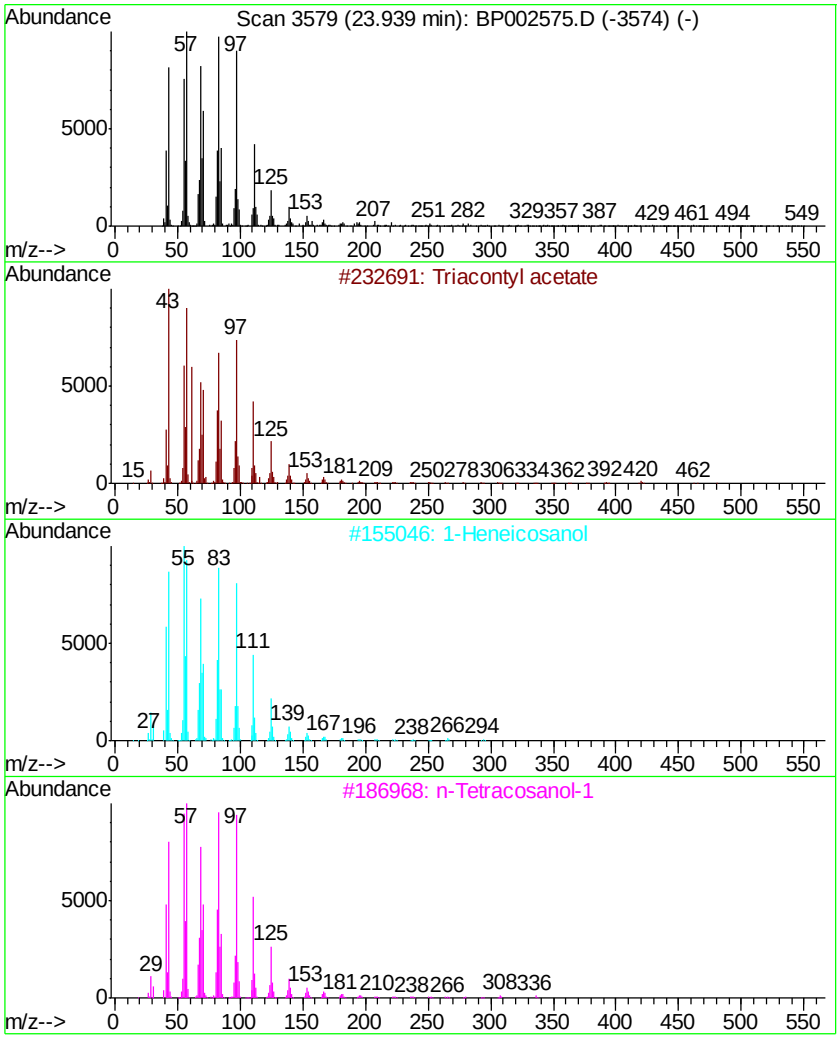
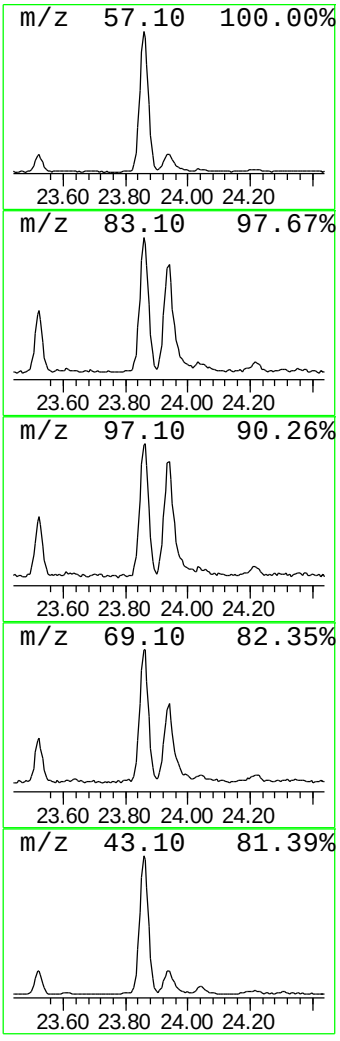
Peak Number 12 Triacontyl acetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.82 ng	433611	Perylene-d12	23.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl acetate	480	C32H64O2	041755-58-2	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Octacosyl acetate	452	C30H60O2	018206-97-8	91
5	Octacosanol	410	C28H58O	000557-61-9	90





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Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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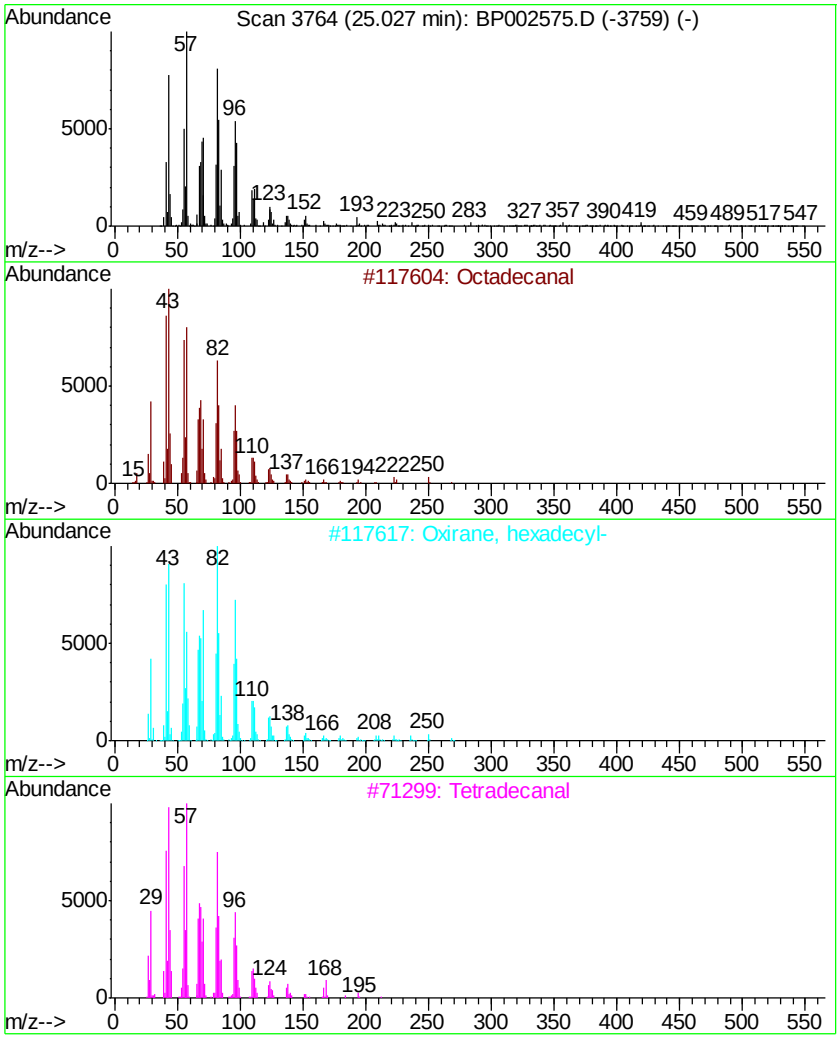
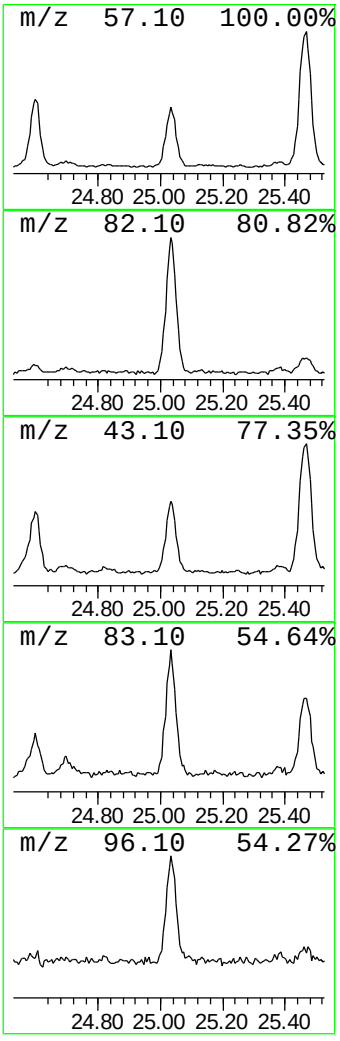
Peak Number 13 Octadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.03	3.93 ng	445149	Perylene-d12	23.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3	Tetradecanal	212	C14H28O	000124-25-4	93
4	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	90
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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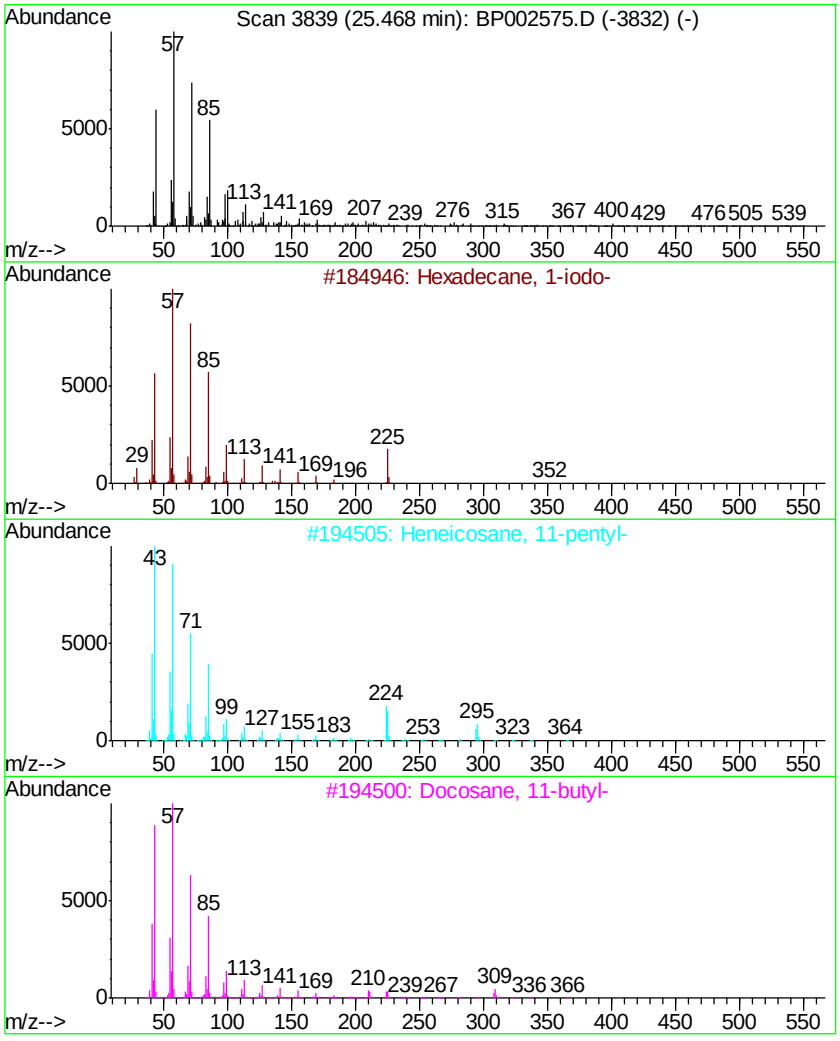
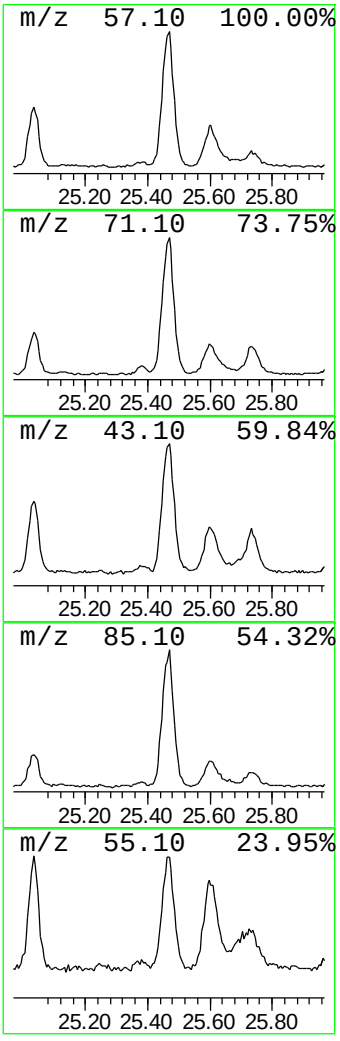
Peak Number 14 Hexadecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.47	6.14 ng	696818	Perylene-d12	23.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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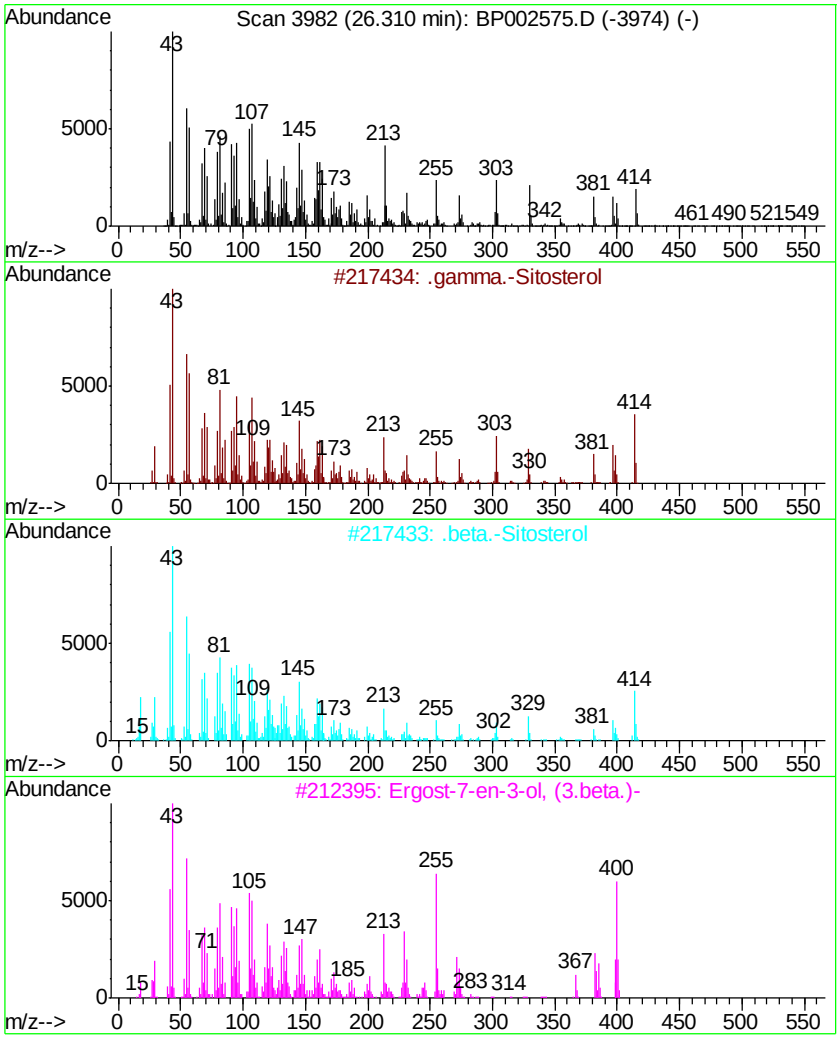
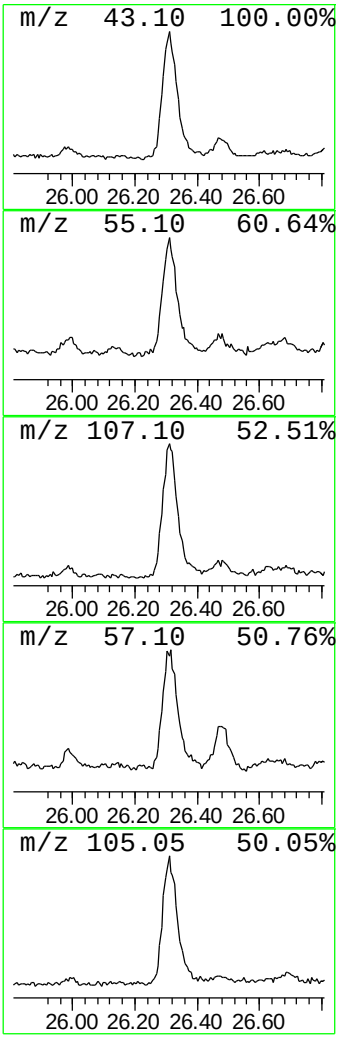
Peak Number 15 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.31	10.67 ng	1210210	Perylene-d12	23.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	49
4	Campesterol	400	C28H48O	000474-62-4	47
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP063020\
Data File : BP002575.D
Acq On : 30 Jun 2020 15:12
Operator : CG/JU
Sample : L3153-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.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- Chloropropioni...	20.83	5.8	ng	580143	5	21.09	2011330	20.0
1-Heneicosanol	21.70	7.6	ng	763264	5	21.09	2011330	20.0
Triacontane	22.15	2.4	ng	236039	5	21.09	2011330	20.0
Heneicosane	22.66	10.1	ng	1140050	6	23.28	2268070	20.0
n-Nonadecanol-1	22.69	4.7	ng	536336	6	23.28	2268070	20.0
Hentriacontane	23.22	3.0	ng	335978	6	23.28	2268070	20.0
Oxirane, hexadecyl-	23.52	3.0	ng	337419	6	23.28	2268070	20.0
Eicosane, 9-octyl-	23.86	14.0	ng	1588330	6	23.28	2268070	20.0
Triacontyl acetate	23.94	3.8	ng	433611	6	23.28	2268070	20.0
Octadecanal	25.03	3.9	ng	445149	6	23.28	2268070	20.0
Hexadecane, 1-iodo-	25.47	6.1	ng	696818	6	23.28	2268070	20.0
.gamma.-Sitosterol	26.31	10.7	ng	1210210	6	23.28	2268070	20.0