LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001339.D
Acq On : 20 Dec 2019 12:31
Operator : JU
Sample : K6370-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP1-6

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-BP121919.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	5.605	594	598	610	rVB	87901	129268	11.33%	1.140%
2	6.205	694	700	709	rBV	729223	872184	76.42%	7.692%
3	7.746	956	962	971	rBV	759528	924854	81.04%	8.157%
4	7.934	988	994	1005	rBV	855288	1000834	87.70%	8.827%
5	8.299	1051	1056	1064	rVB	353919	403566	35.36%	3.559%
6	8.540	1091	1097	1103	rBV	829064	933815	81.82%	8.236%
7	9.181	1199	1206	1210	rBV	679791	796722	69.81%	7.027%
8	10.334	1396	1402	1411	rBV	412739	475359	41.65%	4.193%
9	12.116	1697	1705	1717	rBV	980176	1141237	100.00%	10.065%
10	12.787	1813	1819	1828	rVB	88041	104688	9.17%	0.923%
11	13.081	1861	1869	1875	rBV3	8700	20563	1.80%	0.181%
12	13.198	1883	1889	1897	rVB	467760	547621	47.98%	4.830%
13	14.493	2102	2109	2121	rBV	629784	803499	70.41%	7.087%
14	15.598	2289	2297	2307	rBV	521595	588304	51.55%	5.189%
15	16.487	2442	2448	2461	rBV3	33225	54074	4.74%	0.477%
16	17.575	2630	2633	2643	rBV7	9956	15371	1.35%	0.136%
17	17.881	2680	2685	2690	rBV	1017078	1071386	93.88%	9.449%
18	19.128	2891	2897	2910	rBV3	30989	63020	5.52%	0.556%
19	19.245	2911	2917	2923	rBV	464547	535661	46.94%	4.724%
20	19.533	2962	2966	2973	rBV	23876	26453	2.32%	0.233%
21	19.928	3029	3033	3039	rBV	38521	41122	3.60%	0.363%
22	20.304	3092	3097	3102	rBV	47528	54332	4.76%	0.479%
23	20.698	3159	3164	3169	rBV	49076	60950	5.34%	0.538%
24	21.016	3212	3218	3228	rVB	366125	495275	43.40%	4.368%
25	21.133	3233	3238	3245	rVB	43554	64591	5.66%	0.570%
26	21.633	3317	3323	3329	rBV2	31311	53814	4.72%	0.475%
27	22.204	3415	3420	3429	rVB4	18707	38608	3.38%	0.341%
28	22.869	3528	3533	3544	rVB5	8522	20943	1.84%	0.185%

Sum of corrected areas: 11338114

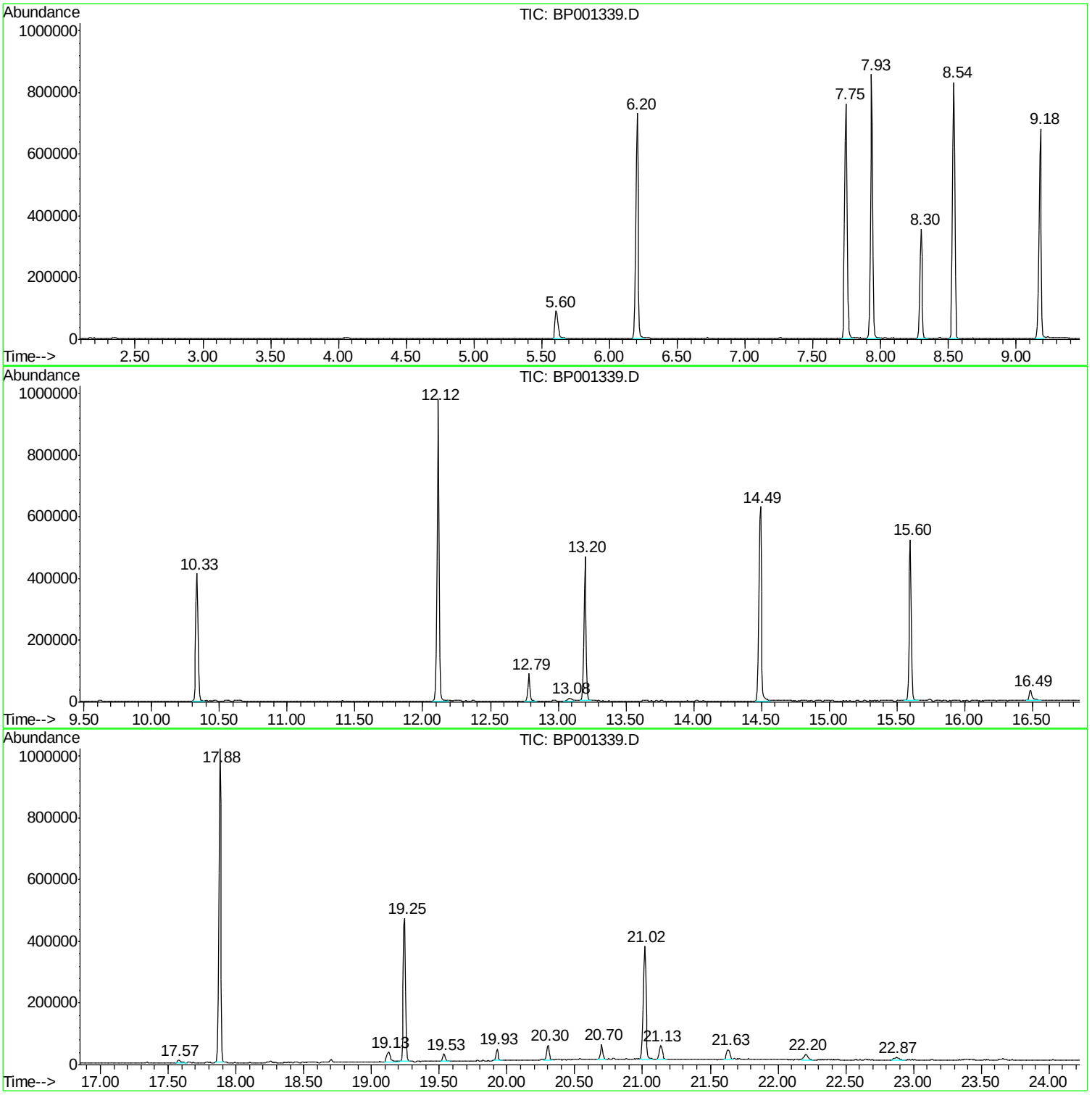
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001339.D
Acq On : 20 Dec 2019 12:31
Operator : JU
Sample : K6370-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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\BP122019\
Data File : BP001339.D
Acq On : 20 Dec 2019 12:31
Operator : JU
Sample : K6370-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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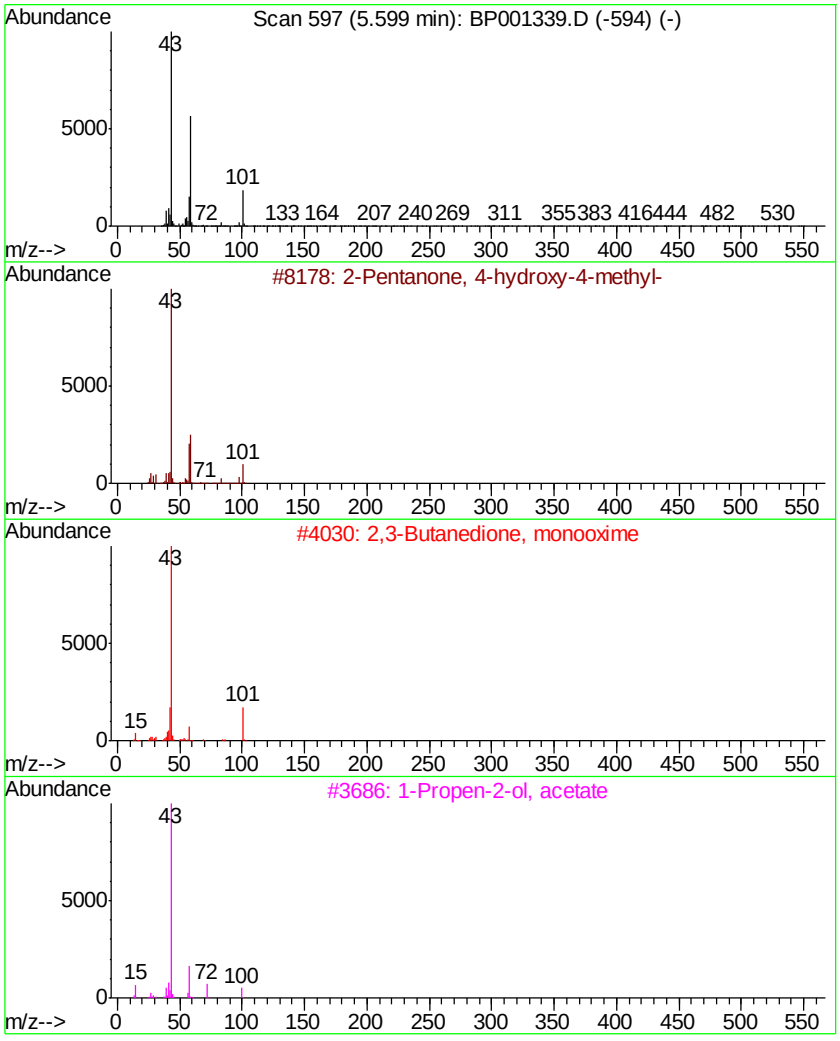
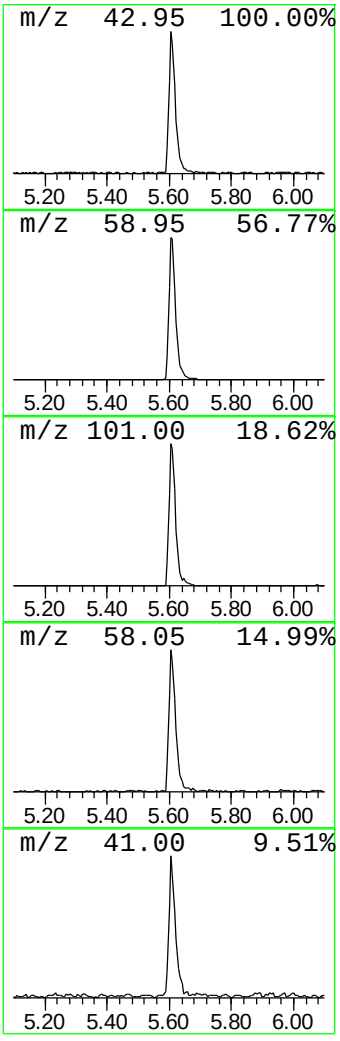
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	6.41 ng	129268	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	9
5	1,2-Butanediol	90	C4H10O2	000584-03-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001339.D
Acq On : 20 Dec 2019 12:31
Operator : JU
Sample : K6370-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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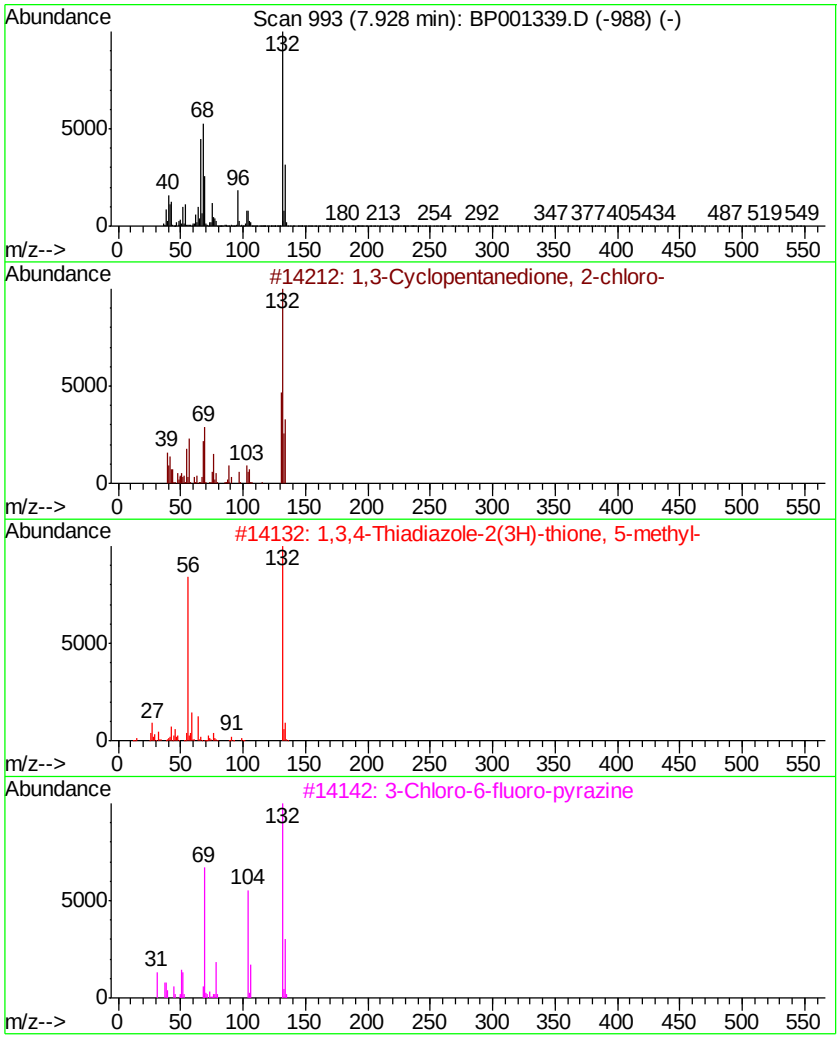
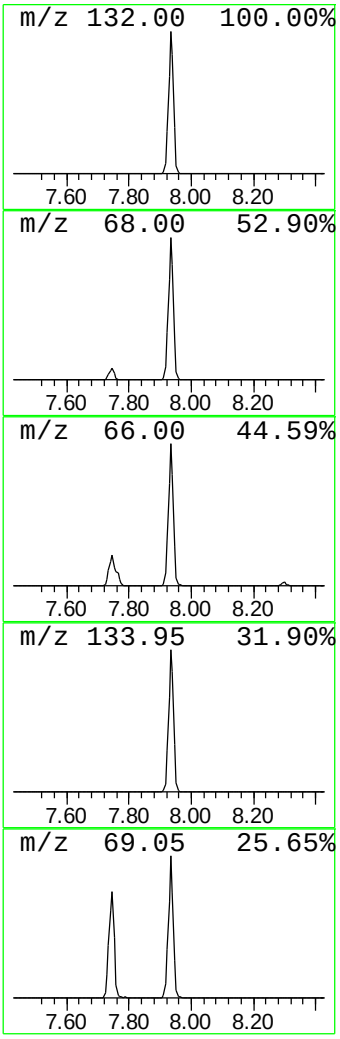
Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	49.60 ng	1000830	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
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Operator : JU
Sample : K6370-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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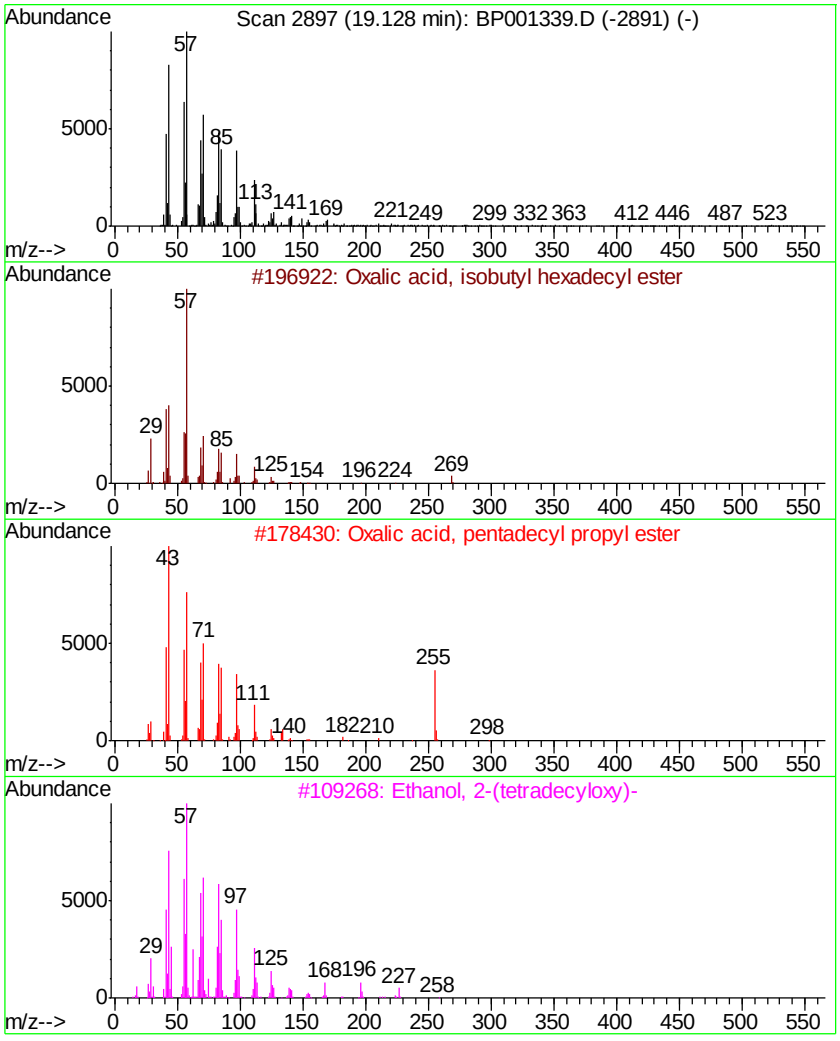
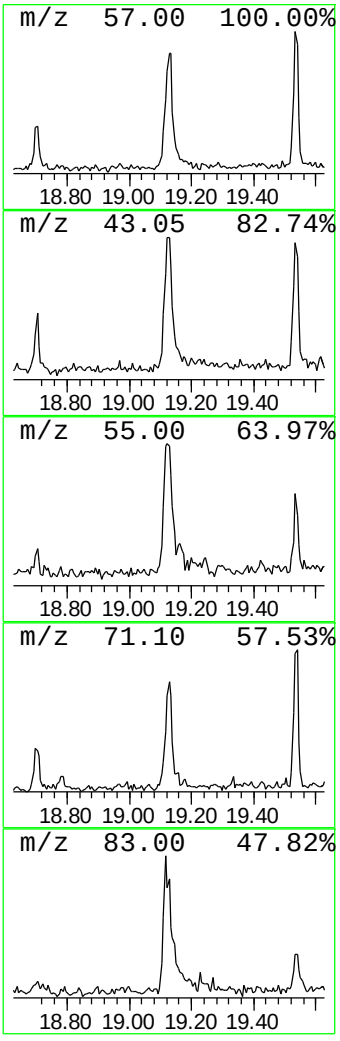
Peak Number 4 Oxalic acid, isobutyl hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.35 ng	63020	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	86
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	49





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Data File : BP001339.D
Acq On : 20 Dec 2019 12:31
Operator : JU
Sample : K6370-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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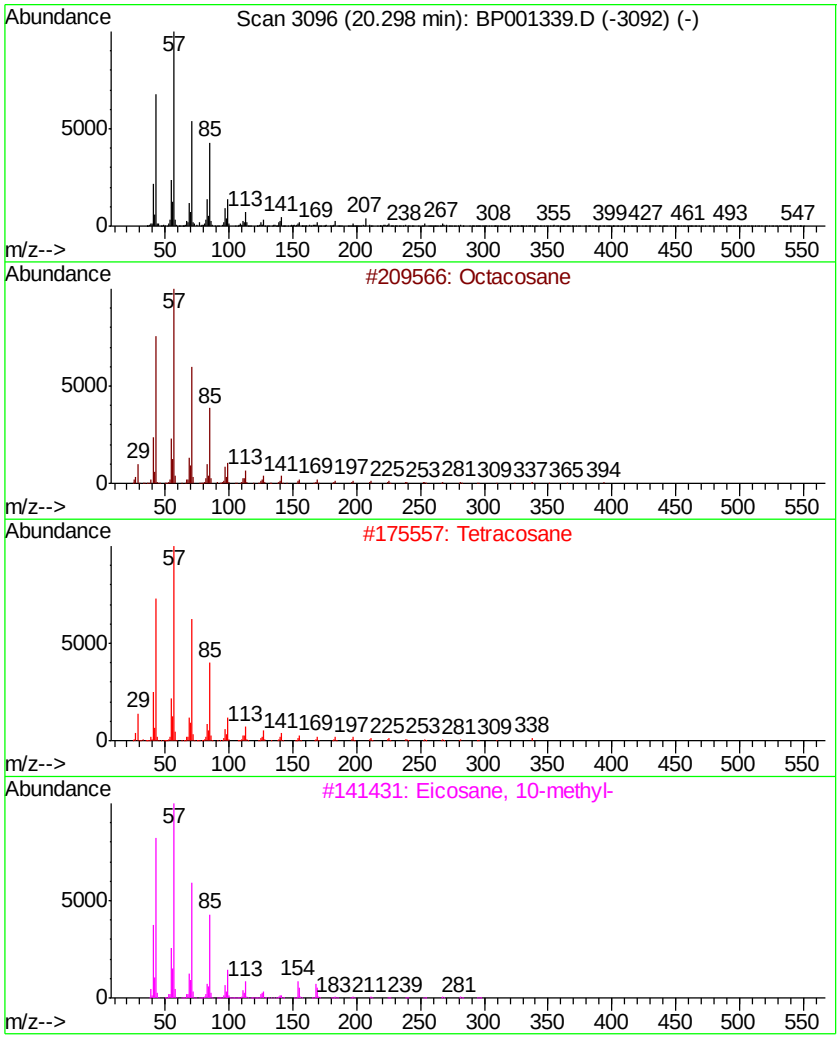
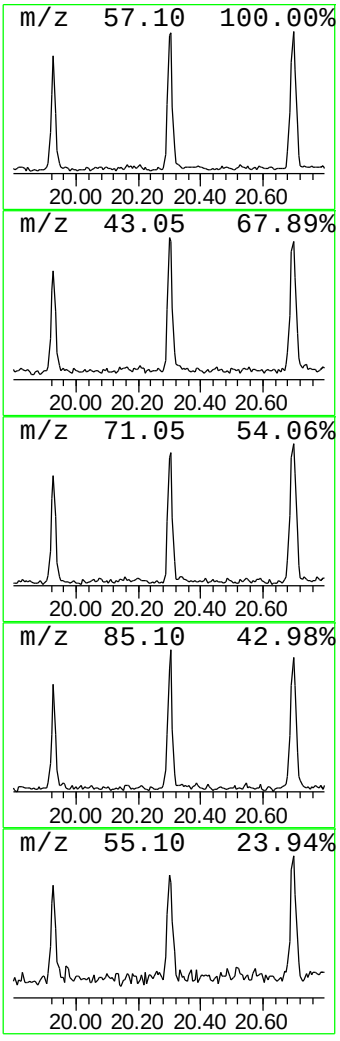
Peak Number 5 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.19 ng	54332	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
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Operator : JU
Sample : K6370-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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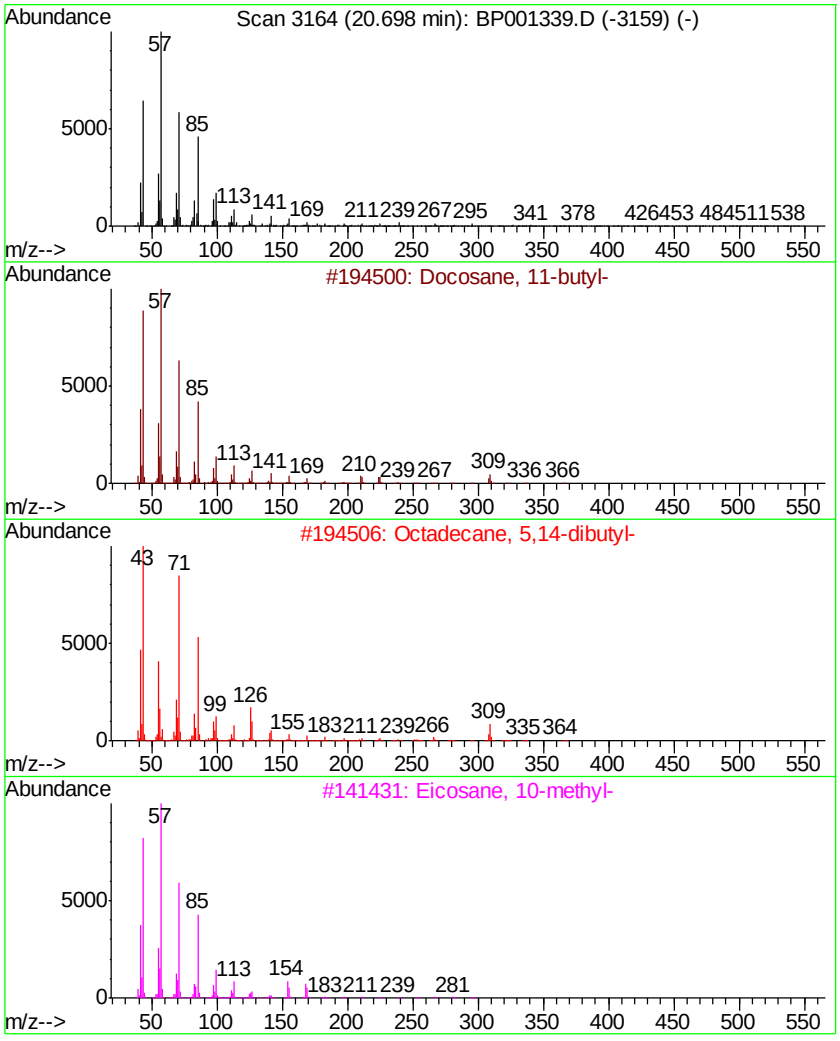
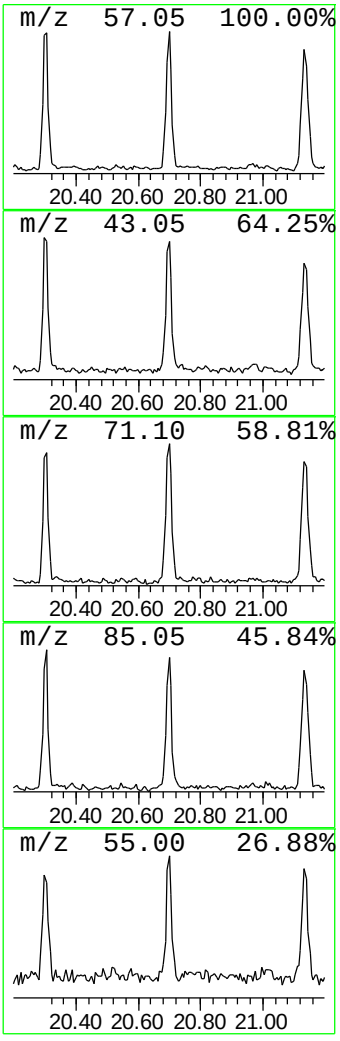
Peak Number 6 Docosane, 11-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.46 ng	60950	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	97
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	92
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

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Operator : JU
Sample : K6370-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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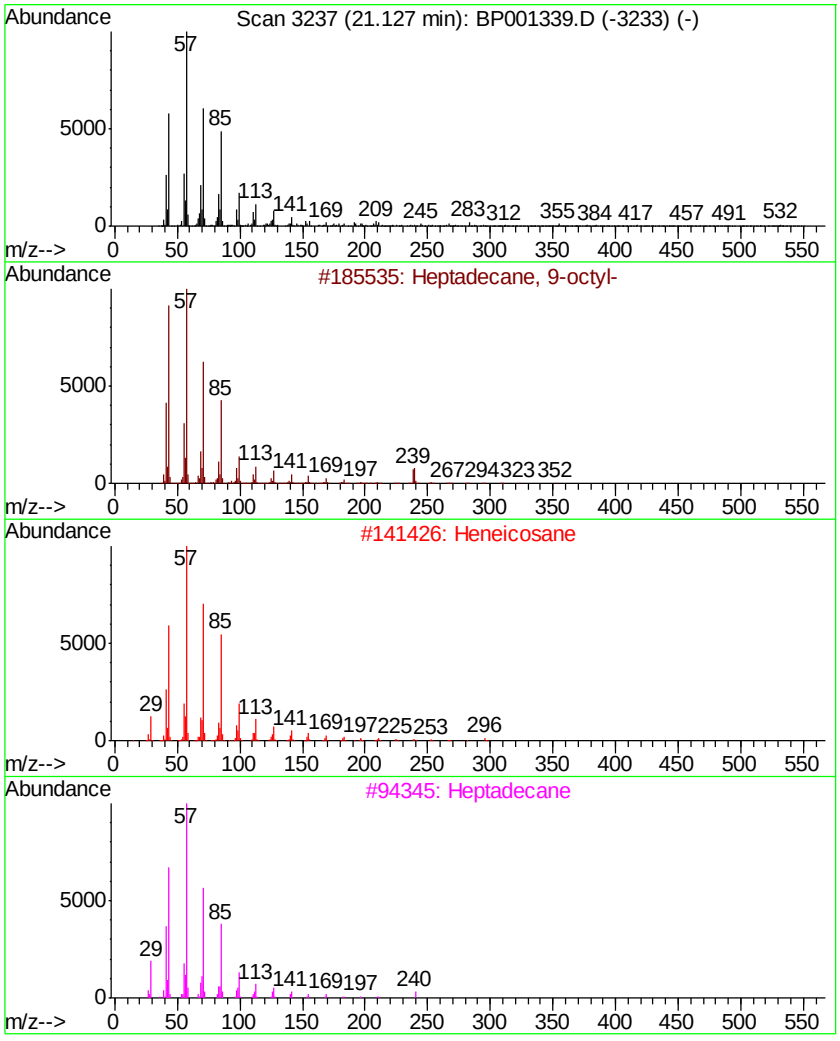
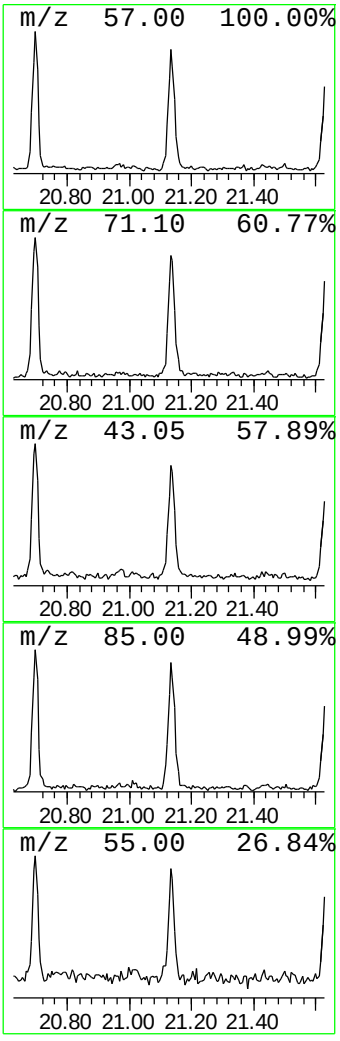
Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	2.61 ng	64591	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	86
4	Octacosane	394	C28H58	000630-02-4	83
5	2-methyloctacosane	408	C29H60	1000376-72-8	83





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Operator : JU
Sample : K6370-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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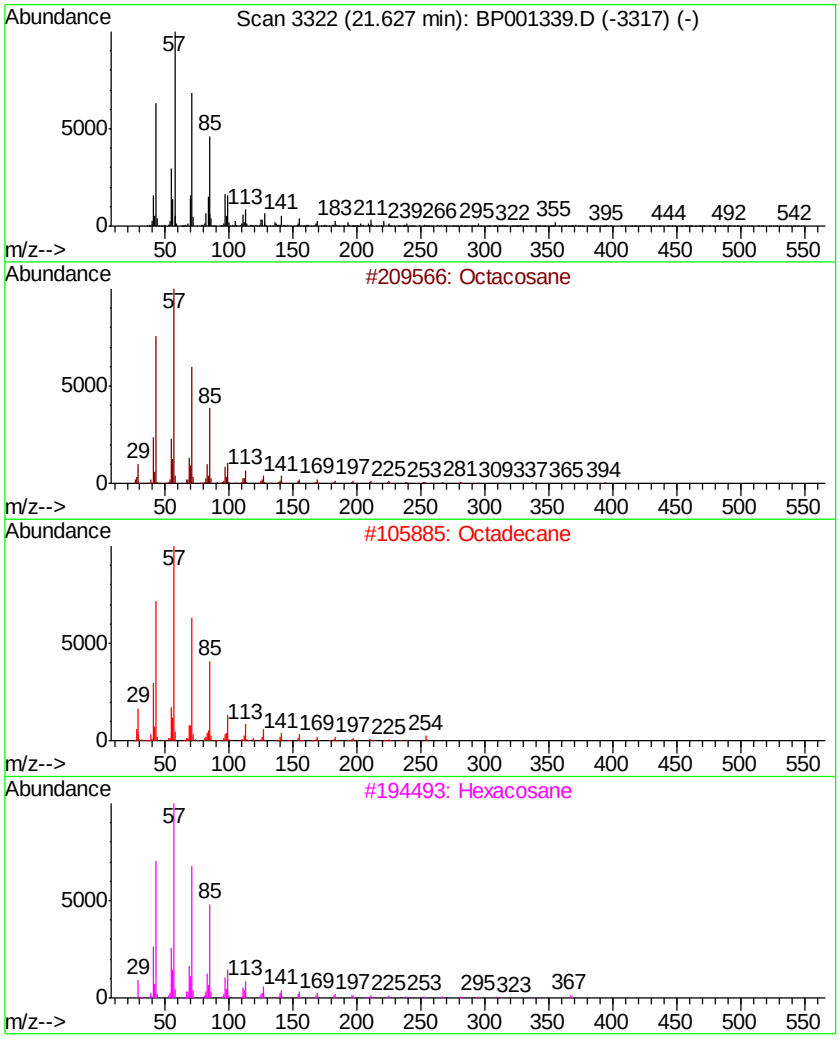
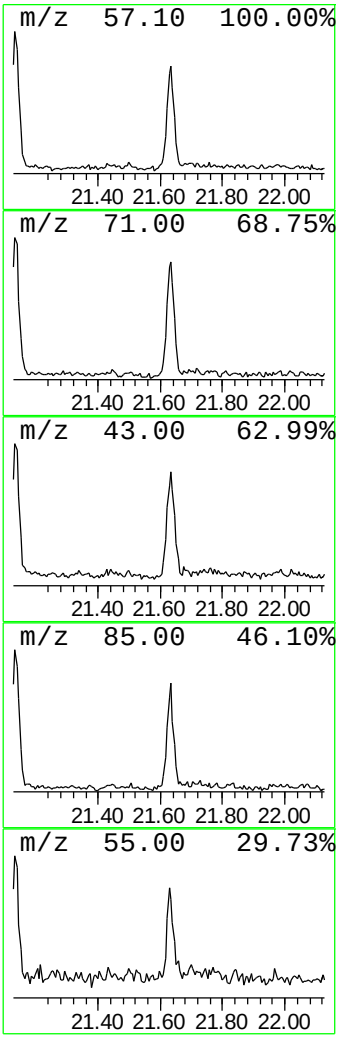
Peak Number 8 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	2.17 ng	53814	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Hexacosane	366	C26H54	000630-01-3	81
4	Tricosane	324	C23H48	000638-67-5	81
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122019\
Data File : BP001339.D
Acq On : 20 Dec 2019 12:31
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Sample : K6370-03
Misc :
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Instrument : BNA_P
ClientSampleId : TP1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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-Pentanone, 4-hy...	5.60	6.4	ng	129268	1	8.30	403566	20.0
unknown7.93	7.93	49.6	ng	1000830	1	8.30	403566	20.0
Oxalic acid, isob...	19.13	2.4	ng	63020	5	19.25	535661	20.0
Octacosane	20.30	2.2	ng	54332	6	21.02	495275	20.0
Docosane, 11-butyl-	20.70	2.5	ng	60950	6	21.02	495275	20.0
Heptadecane, 9-oc...	21.13	2.6	ng	64591	6	21.02	495275	20.0
Octadecane	21.63	2.2	ng	53814	6	21.02	495275	20.0