LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003399.D
Acq On : 29 Sep 2020 15:05
Operator : CG/JU
Sample : L4158-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BLUE-FRAC-TANK

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-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003399.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.158	381	386	406	rBV	472906	797791	10.48%	2.573%
2	6.752	649	657	681	rBV	310150	656504	8.62%	2.117%
3	7.546	785	792	798	rBV	325902	505321	6.64%	1.630%
4	7.610	798	803	817	rVB2	48136	89637	1.18%	0.289%
5	8.699	978	988	1001	rBV	887236	1594292	20.94%	5.142%
6	10.322	1256	1264	1283	rBV	429519	763013	10.02%	2.461%
7	10.534	1292	1300	1312	rBV	38779	86987	1.14%	0.281%
8	12.816	1681	1688	1710	rBV	2909757	4340235	57.01%	13.998%
9	13.663	1827	1832	1844	rBV	246230	393455	5.17%	1.269%
10	14.198	1917	1923	1939	rBV	754821	1177285	15.46%	3.797%
11	15.704	2172	2179	2200	rBV	1673580	2780484	36.52%	8.967%
12	16.957	2386	2392	2406	rBV	1030676	1482512	19.47%	4.781%
13	17.886	2545	2550	2554	rBV	285166	388176	5.10%	1.252%
14	17.933	2554	2558	2565	rVB	425812	546979	7.18%	1.764%
15	19.545	2826	2832	2843	rVB	5631086	7613288	100.00%	24.553%
16	20.339	2962	2967	2971	rBV2	109326	170775	2.24%	0.551%
17	20.792	3039	3044	3051	rVB	1057989	1454378	19.10%	4.690%
18	21.063	3085	3090	3102	rBV	1447267	1876058	24.64%	6.050%
19	21.222	3114	3117	3121	rBV	173256	198989	2.61%	0.642%
20	21.645	3185	3189	3192	rBV	210141	282643	3.71%	0.912%
21	22.098	3262	3266	3273	rVB	232773	314051	4.13%	1.013%
22	22.598	3346	3351	3355	rBV	252419	357468	4.70%	1.153%
23	23.151	3441	3445	3451	rVB	232304	375404	4.93%	1.211%
24	23.251	3456	3462	3478	rVB2	1049861	2032617	26.70%	6.555%
25	23.792	3549	3554	3561	rVB	179274	331168	4.35%	1.068%
26	23.874	3564	3568	3581	rVB2	162455	397475	5.22%	1.282%

Sum of corrected areas: 31006985

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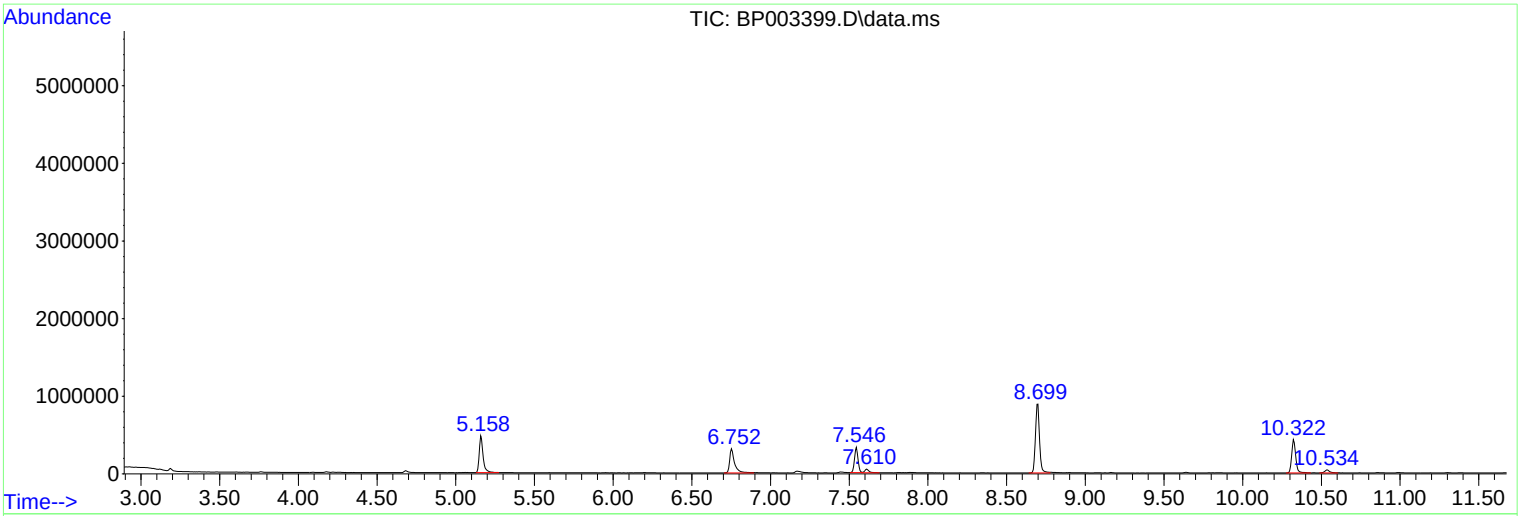
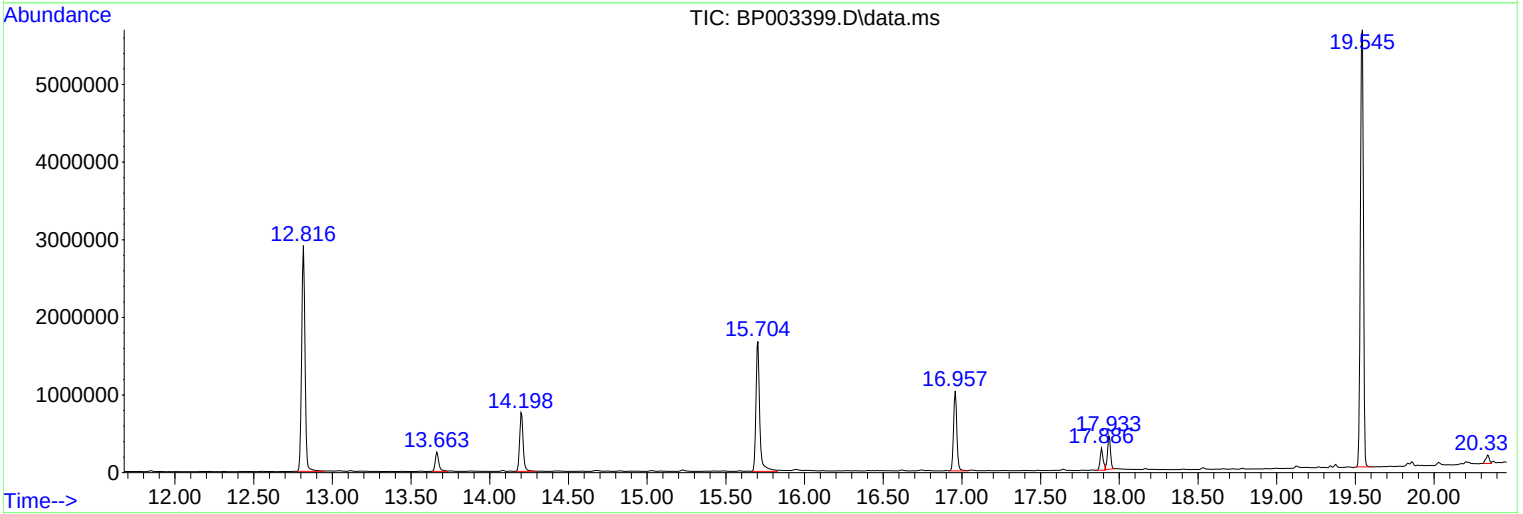
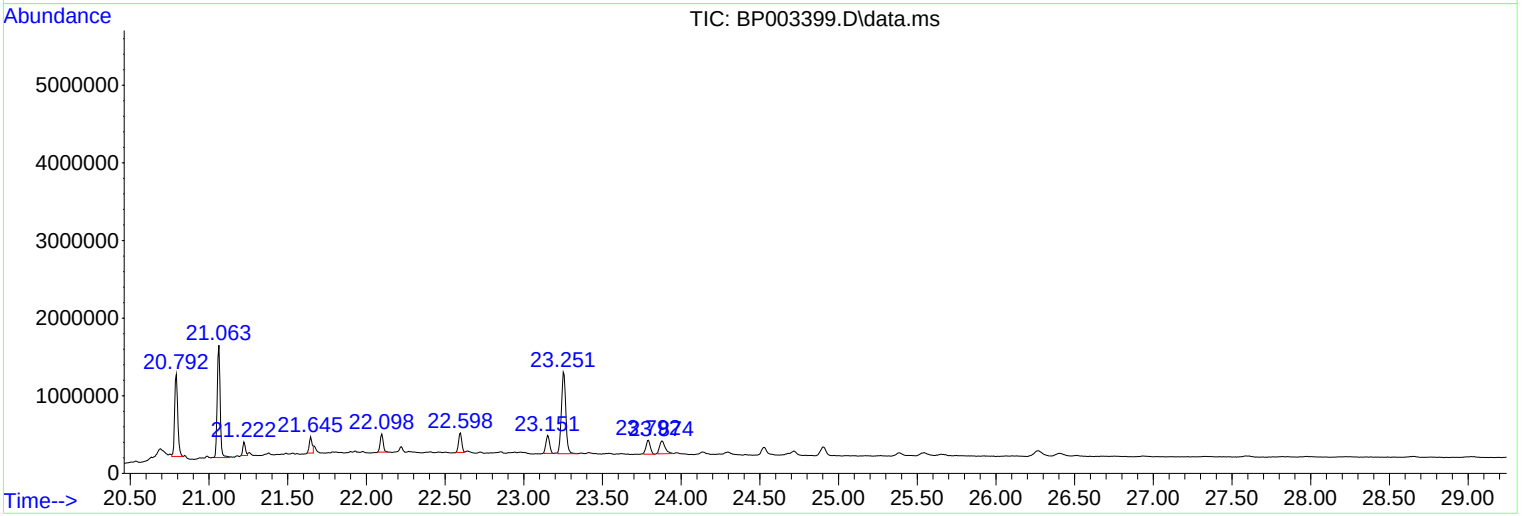
Instrument :
BNA_P
ClientSampleId :
BLUE-FRAC-TANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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Data File : BP003399.D
Acq On : 29 Sep 2020 15:05
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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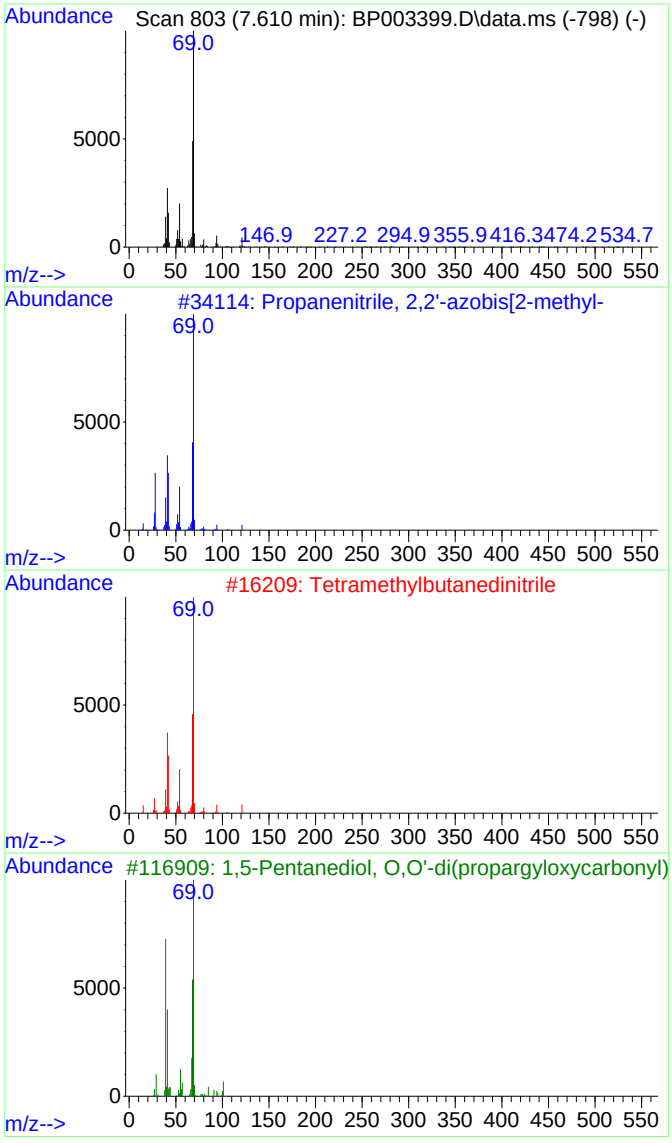
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

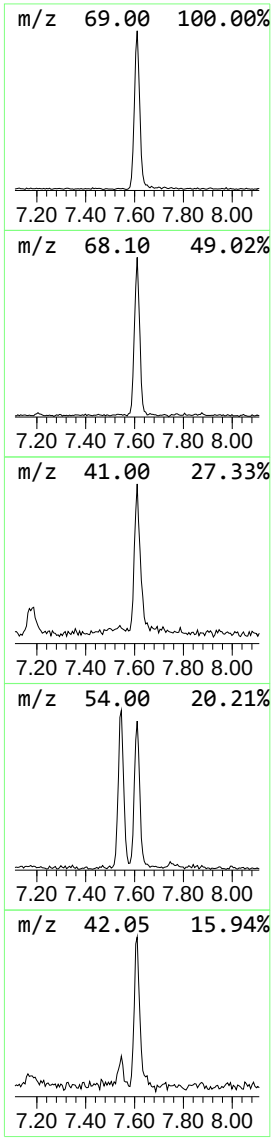
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanenitrile, 2,2'-azobis... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.610	3.55 ng	89637	1,4-Dichlorobenzene-d4	7.546

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	83
2	Tetramethylbutanedinitrile	136	C8H12N2	003333-52-6	74
3	1,5-Pentanediol, O,O'-di(proparg...	268	C13H16O6	1000331-35-4	42
4	Cyclopentanemethanol	100	C6H12O	003637-61-4	33
5	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003399.D
Acq On : 29 Sep 2020 15:05
Operator : CG/JU
Sample : L4158-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BLUE-FRAC-TANK

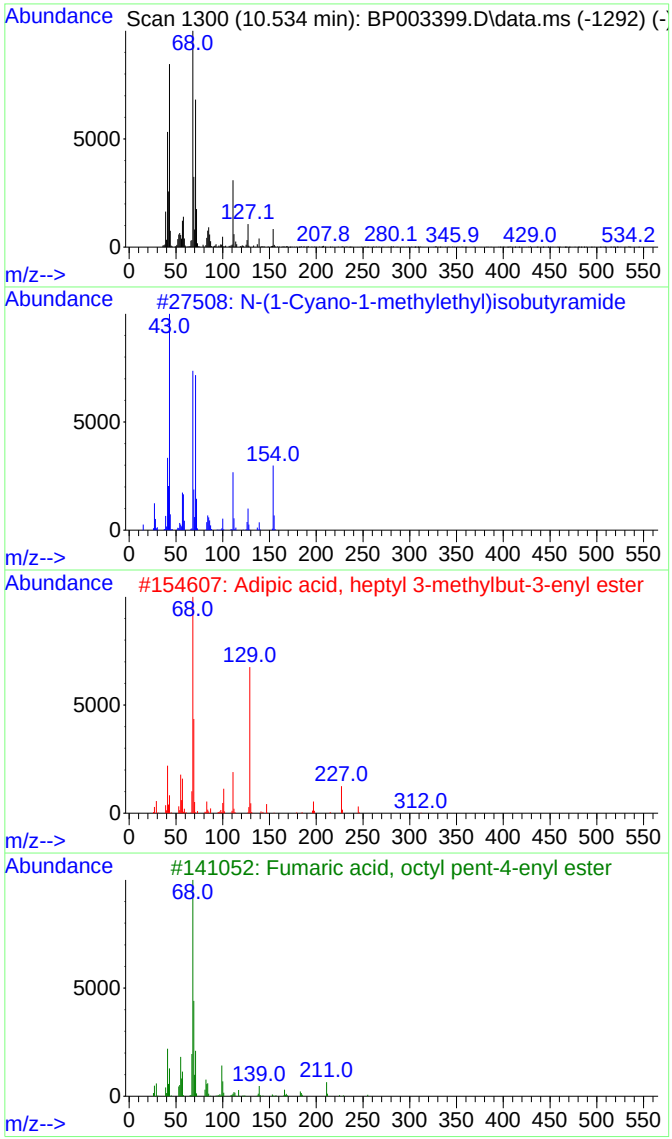
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

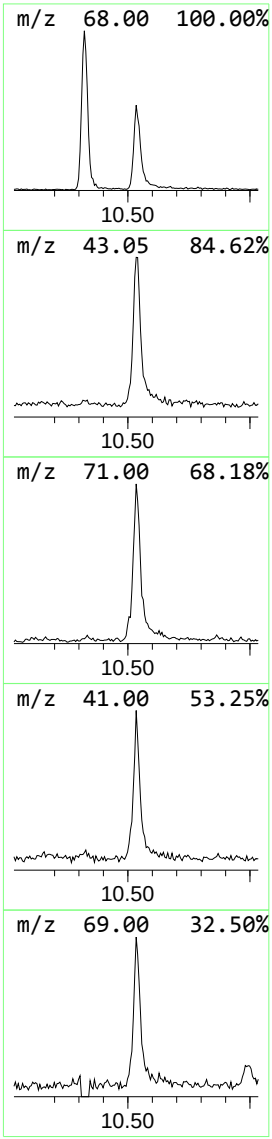
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 N-(1-Cyano-1-methylethyl)is... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.534	2.28 ng	86987	Naphthalene-d8	10.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(1-Cyano-1-methylethyl)isobuty...	154	C8H14N2O	084213-57-0	53
2	Adipic acid, heptyl 3-methylbut-...	312	C18H32O4	1000354-03-0	35
3	Fumaric acid, octyl pent-4-enyl ...	296	C17H28O4	1000348-85-0	35
4	6-Azabicyclo[3.2.1]octane	111	C7H13N	000279-85-6	32
5	6-Bromohexanoic acid, dodec-9-yn...	358	C18H31BrO2	1000282-90-5	30





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Data File : BP003399.D
Acq On : 29 Sep 2020 15:05
Operator : CG/JU
Sample : L4158-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BLUE-FRAC-TANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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TIC Library : C:\DATABASE\NIST11.L
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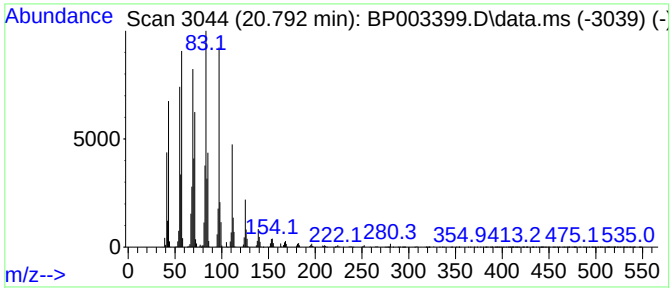
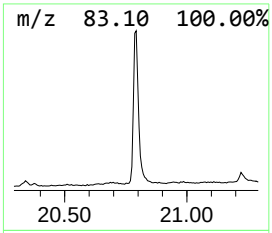
****

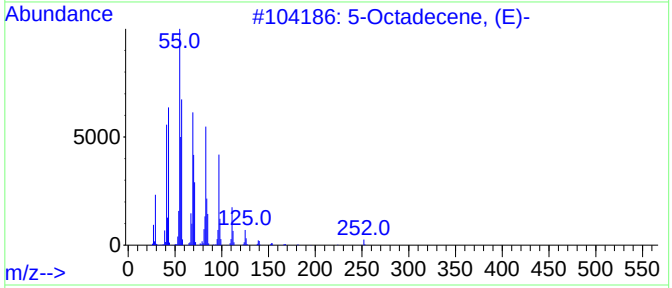
Peak Number 3 5-Octadecene, (E)- Concentration Rank 1

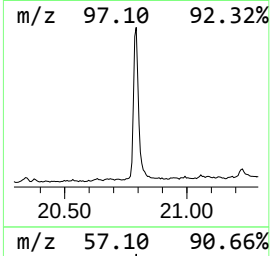
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.792	15.50 ng	1454380	Chrysene-d12	21.063

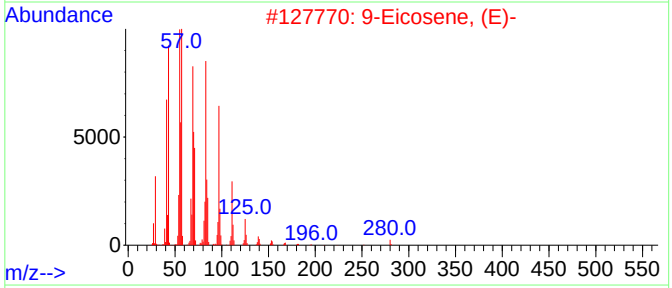
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91

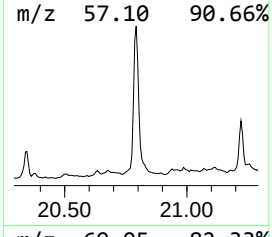


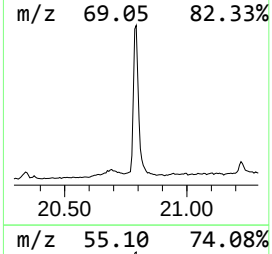


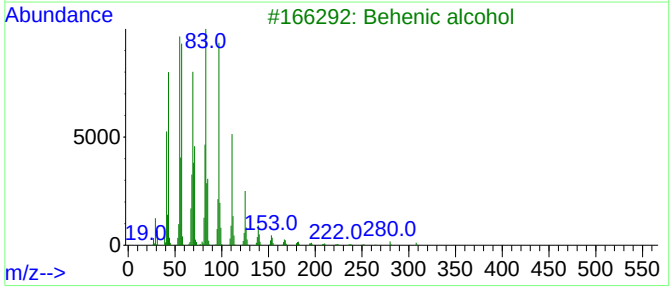


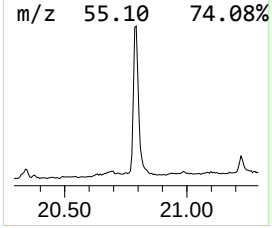












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003399.D
Acq On : 29 Sep 2020 15:05
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Sample : L4158-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BLUE-FRAC-TANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

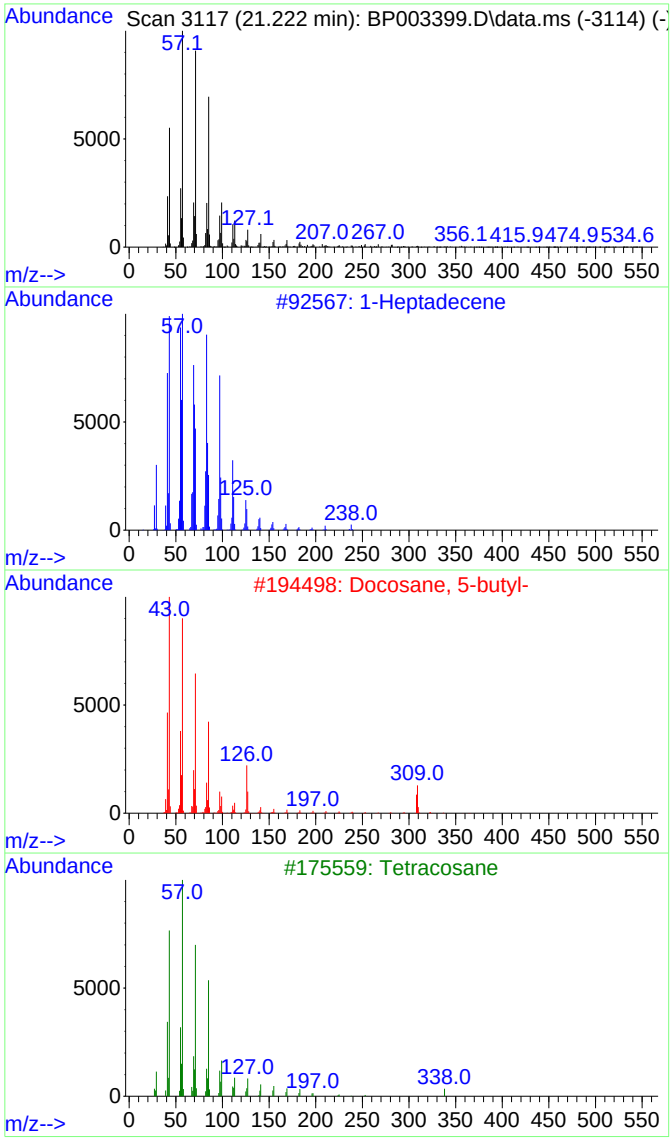
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

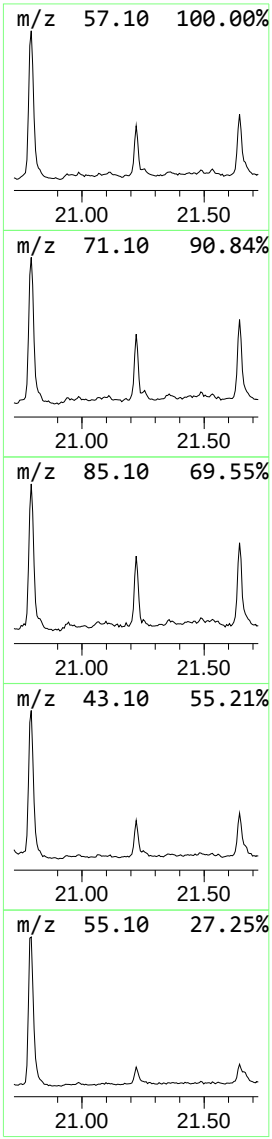
****

Peak Number 4 1-Heptadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	2.12 ng	198989	Chrysene-d12	21.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	90
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Heptacosane	380	C27H56	000593-49-7	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Acq On : 29 Sep 2020 15:05
Operator : CG/JU
Sample : L4158-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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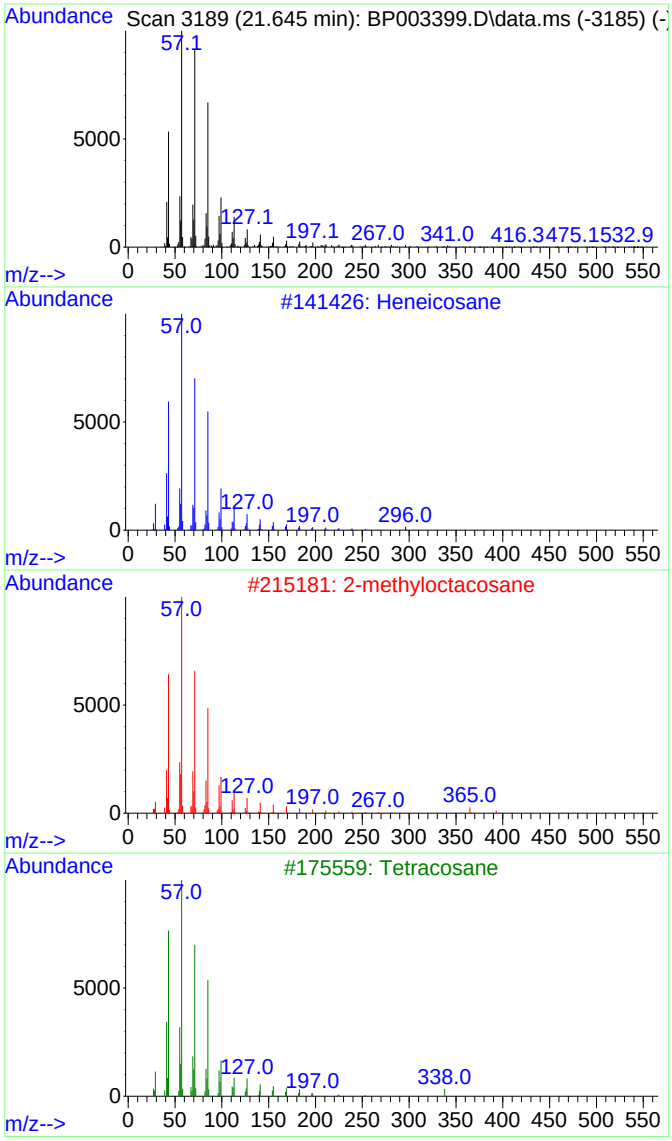
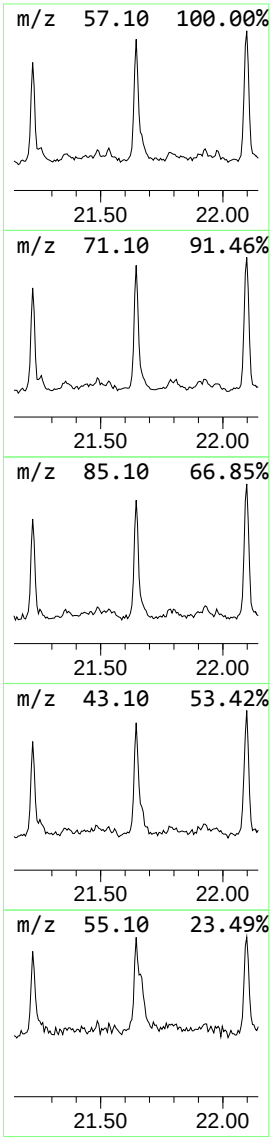
****

Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.645	3.01 ng	282643	Chrysene-d12	21.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	90
5	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	90





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Data File : BP003399.D
Acq On : 29 Sep 2020 15:05
Operator : CG/JU
Sample : L4158-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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TIC Library : C:\DATABASE\NIST11.L
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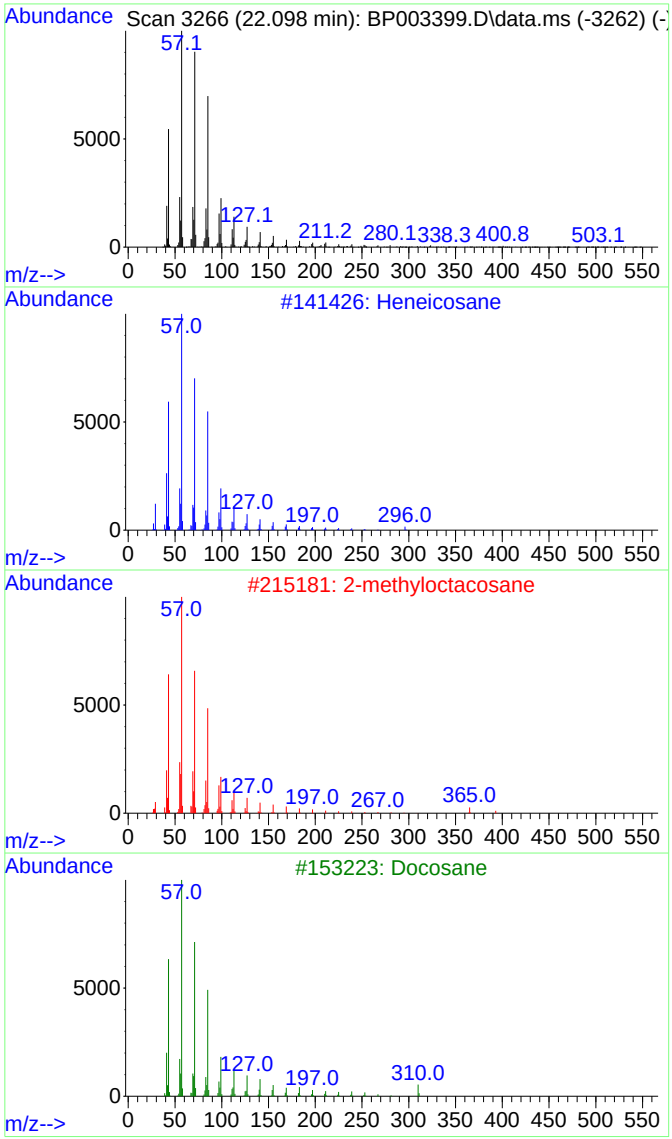
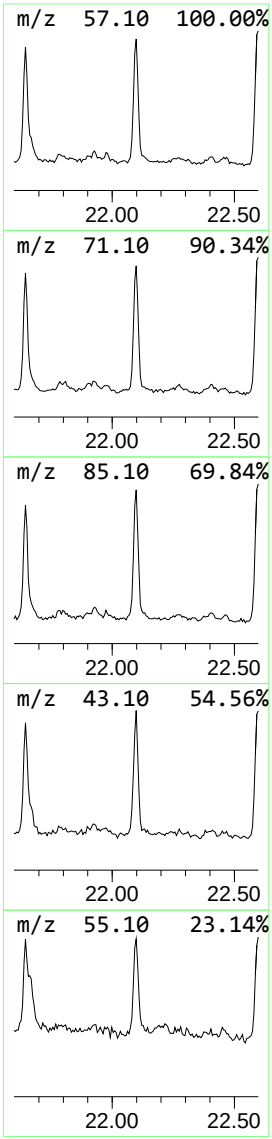
Peak Number 6 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.098	3.35 ng	314051	Chrysene-d12	21.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Docosane	310	C22H46	000629-97-0	91
4	Octacosane	394	C28H58	000630-02-4	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91





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Operator : CG/JU
Sample : L4158-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

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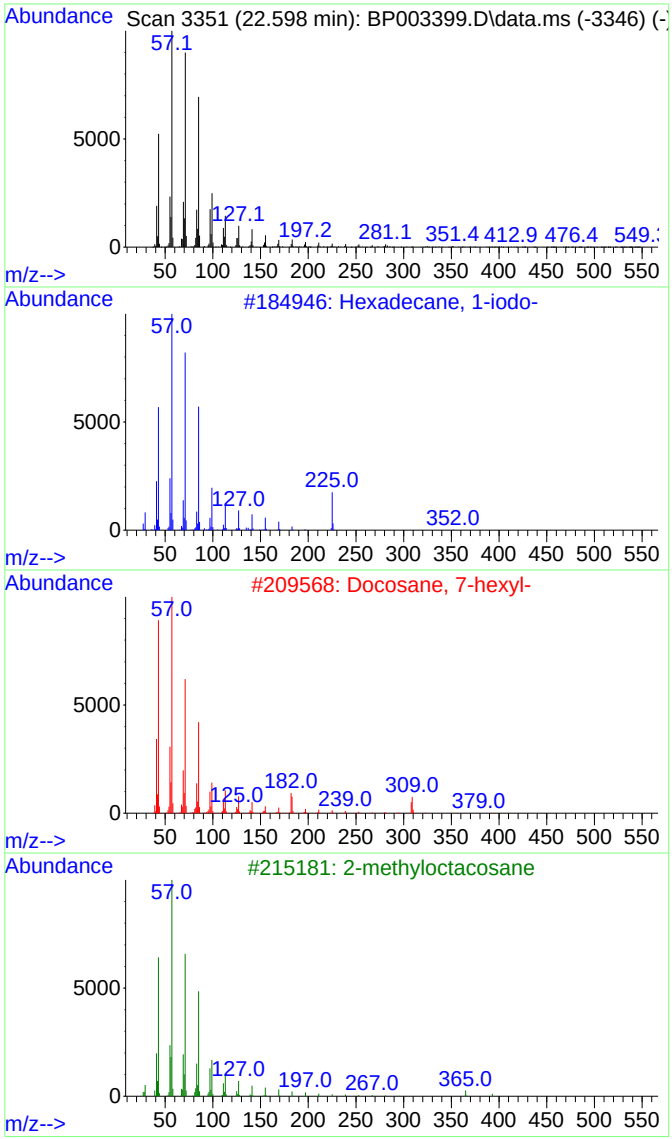
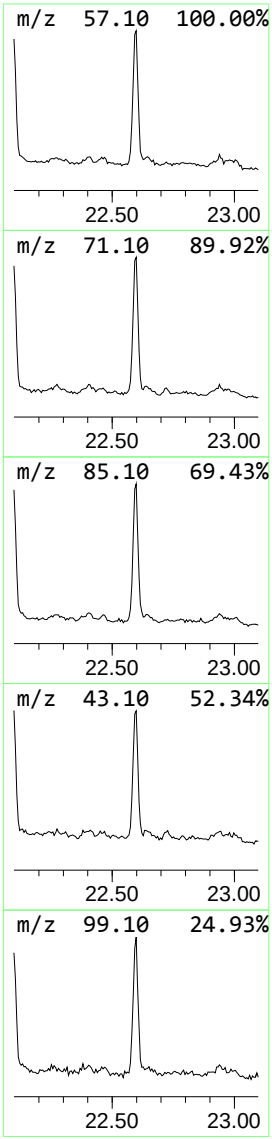
Peak Number 7 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.598	3.52 ng	357468	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003399.D
Acq On : 29 Sep 2020 15:05
Operator : CG/JU
Sample : L4158-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BLUE-FRAC-TANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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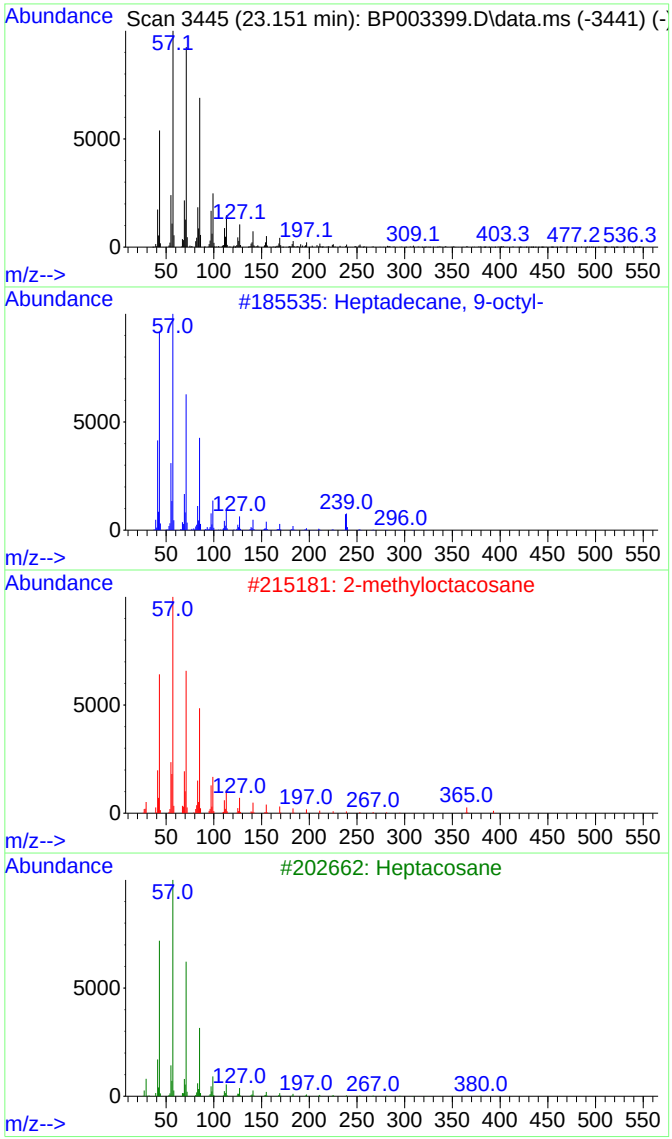
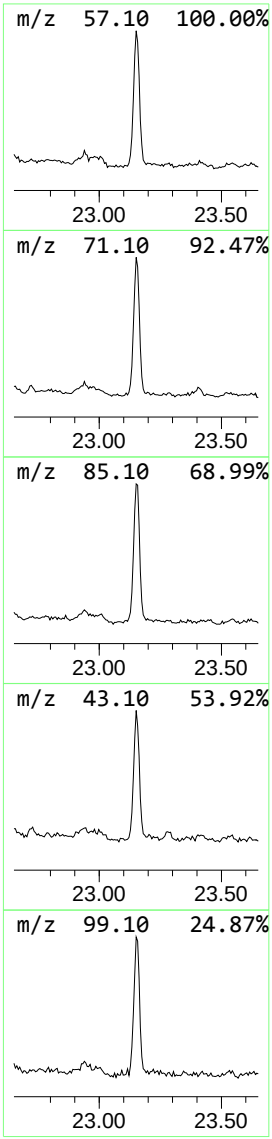
Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.151	3.69 ng	375404	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Eicosane	282	C20H42	000112-95-8	91





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Acq On : 29 Sep 2020 15:05
Operator : CG/JU
Sample : L4158-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BLUE-FRAC-TANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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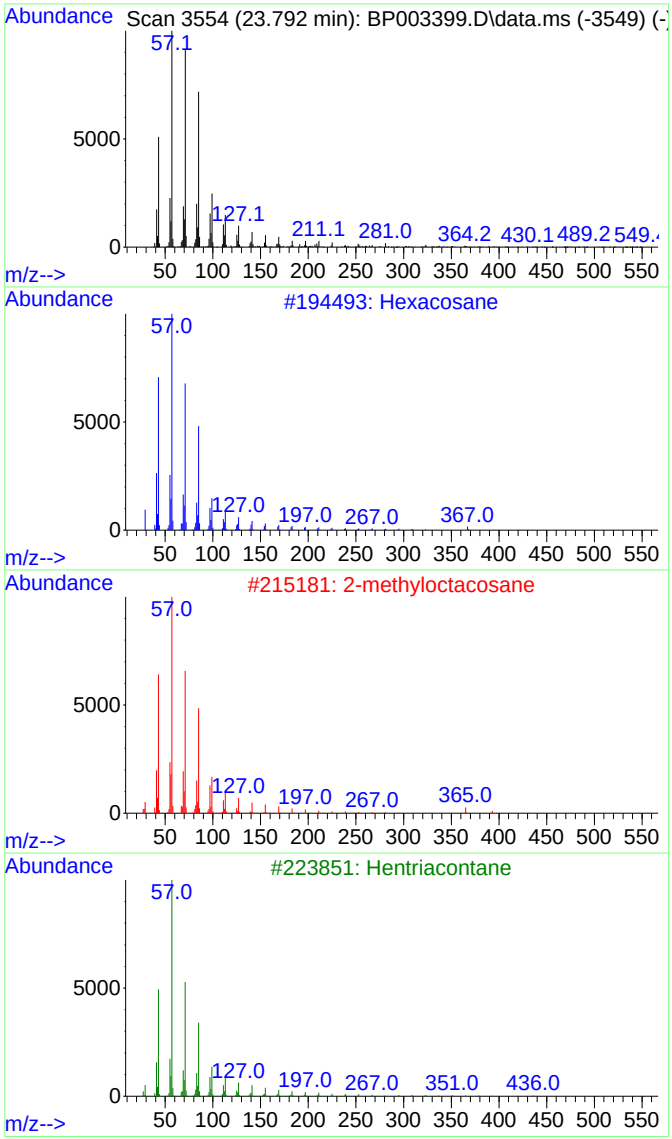
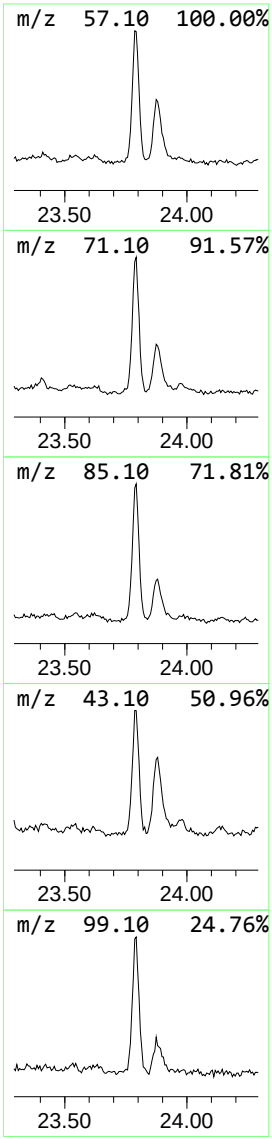
Peak Number 9 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.792	3.26 ng	331168	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Tetratetracontane	619	C44H90	007098-22-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003399.D
Acq On : 29 Sep 2020 15:05
Operator : CG/JU
Sample : L4158-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BLUE-FRAC-TANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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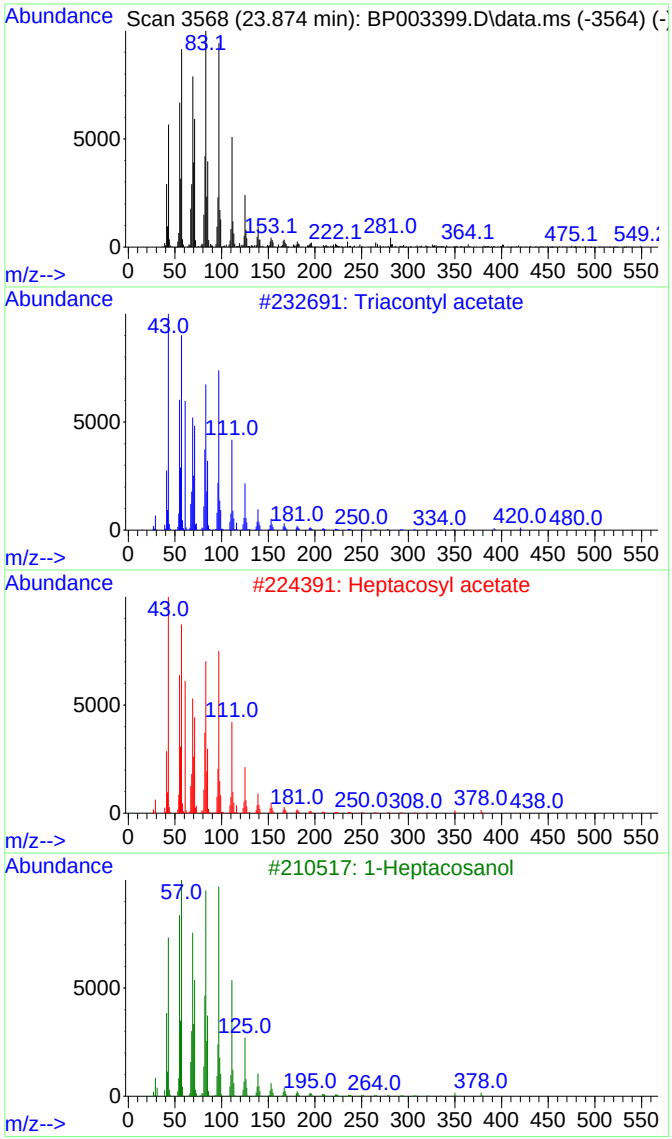
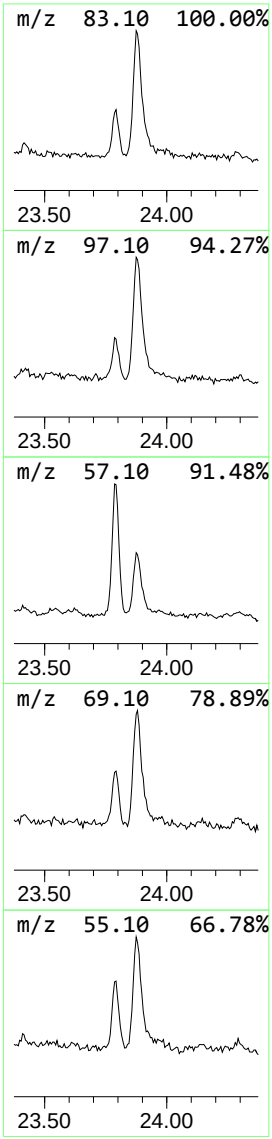
Peak Number 10 Triacontyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.874	3.91 ng	397475	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl acetate	480	C32H64O2	041755-58-2	94
2	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Cyclotetracosane	336	C24H48	000297-03-0	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003399.D
Acq On : 29 Sep 2020 15:05
Operator : CG/JU
Sample : L4158-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BLUE-FRAC-TANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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
Propanenitrile,...	7.610	3.5	ng	89637	1	7.546	505321	20.0
N-(1-Cyano-1-me...	10.534	2.3	ng	86987	2	10.322	763013	20.0
5-Octadecene, (E)-	20.792	15.5	ng	1454380	5	21.063	1876060	20.0
1-Heptadecene	21.221	2.1	ng	198989	5	21.063	1876060	20.0
Heneicosane	21.645	3.0	ng	282643	5	21.063	1876060	20.0
2-methyloctacosane	22.098	3.4	ng	314051	5	21.063	1876060	20.0
Hexadecane, 1-i...	22.598	3.5	ng	357468	6	23.251	2032620	20.0
Heptadecane, 9-...	23.151	3.7	ng	375404	6	23.251	2032620	20.0
Hexacosane	23.792	3.3	ng	331168	6	23.251	2032620	20.0
Triacontyl acetate	23.874	3.9	ng	397475	6	23.251	2032620	20.0