LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001500.D
Acq On : 29 Dec 2019 03:32
Operator : JU
Sample : K6439-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF014-01

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	4.722	444	448	459	rBV2	11980	20608	1.39%	0.223%
2	5.587	586	595	608	rBV	102883	177712	11.99%	1.922%
3	6.193	692	698	711	rBV	635438	834162	56.30%	9.024%
4	7.746	954	962	978	rBV	672429	910588	61.46%	9.851%
5	7.916	985	991	1002	rVB	751506	939479	63.41%	10.163%
6	8.269	1046	1051	1063	rVB	121287	148358	10.01%	1.605%
7	8.516	1087	1093	1098	rBV	645742	746484	50.38%	8.075%
8	9.163	1195	1203	1208	rBV	427619	573140	38.68%	6.200%
9	10.310	1391	1398	1409	rBV	131710	170386	11.50%	1.843%
10	12.092	1693	1701	1717	rBV	914379	1156613	78.06%	12.512%
11	12.763	1809	1815	1824	rBV	39240	54518	3.68%	0.590%
12	13.175	1878	1885	1894	rBV	168380	210907	14.23%	2.282%
13	14.475	2100	2106	2125	rBV	643418	862696	58.23%	9.333%
14	15.580	2288	2294	2304	rVB	201706	234186	15.81%	2.533%
15	16.480	2441	2447	2457	rBV3	33030	49692	3.35%	0.538%
16	17.874	2677	2684	2688	rBV	1348554	1481638	100.00%	16.028%
17	19.174	2897	2905	2911	rBV7	23998	87077	5.88%	0.942%
18	19.233	2911	2915	2931	rVB	215532	266544	17.99%	2.883%
19	20.257	3085	3089	3093	rBV	32211	41683	2.81%	0.451%
20	20.698	3160	3164	3170	rVB2	10917	15604	1.05%	0.169%
21	21.010	3211	3217	3223	rVB	149983	208835	14.09%	2.259%
22	21.145	3234	3240	3250	rBV3	9413	18644	1.26%	0.202%
23	21.645	3320	3325	3330	rBV4	9901	16222	1.09%	0.175%
24	22.221	3418	3423	3438	rVB8	5871	18073	1.22%	0.196%

Sum of corrected areas: 9243849

LSC Report - Integrated Chromatogram

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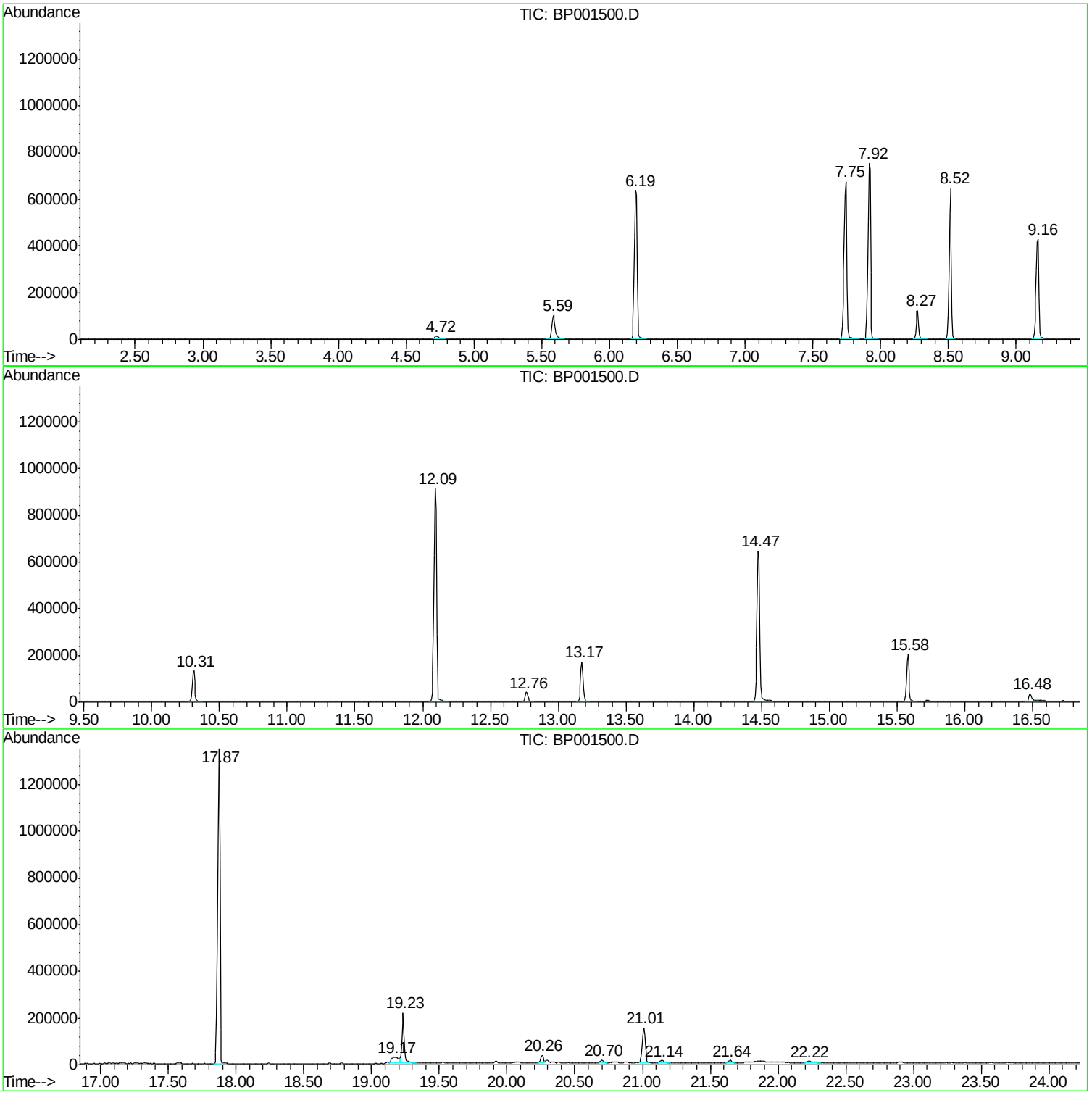
Operator : JU
Sample : K6439-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LIED-BF014-01

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\BP122819\
Data File : BP001500.D
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Operator : JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF014-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

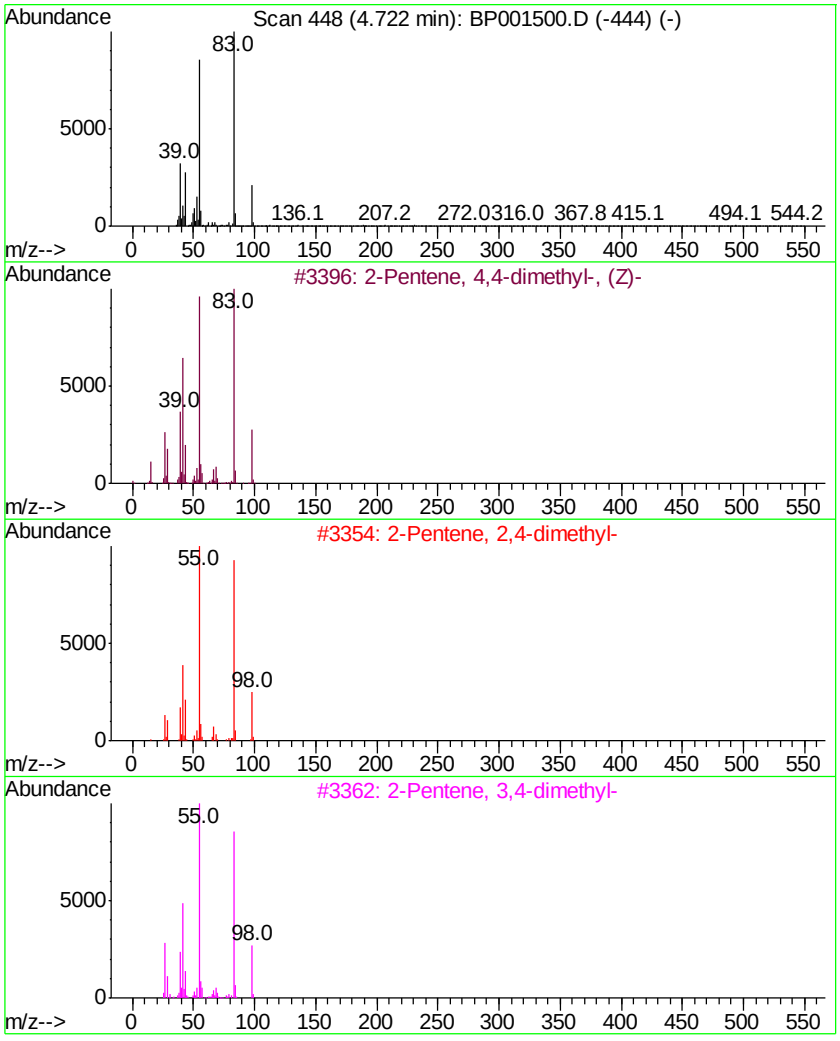
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

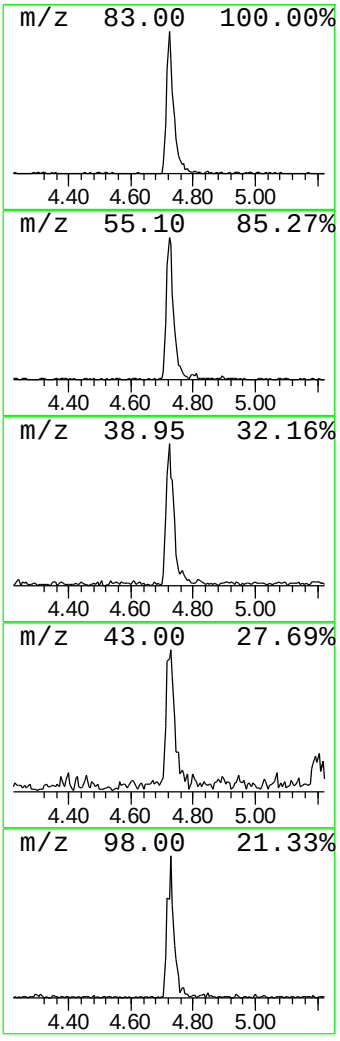
****

Peak Number 1 2-Pentene, 4,4-dimethyl-, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	2.78 ng	20608	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
3	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	86
4	3-Hexen-2-one	98	C6H10O	000763-93-9	86
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	86





Library Search Compound Report

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Misc :
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Instrument : BNA_P
ClientSampleId : LIED-BF014-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

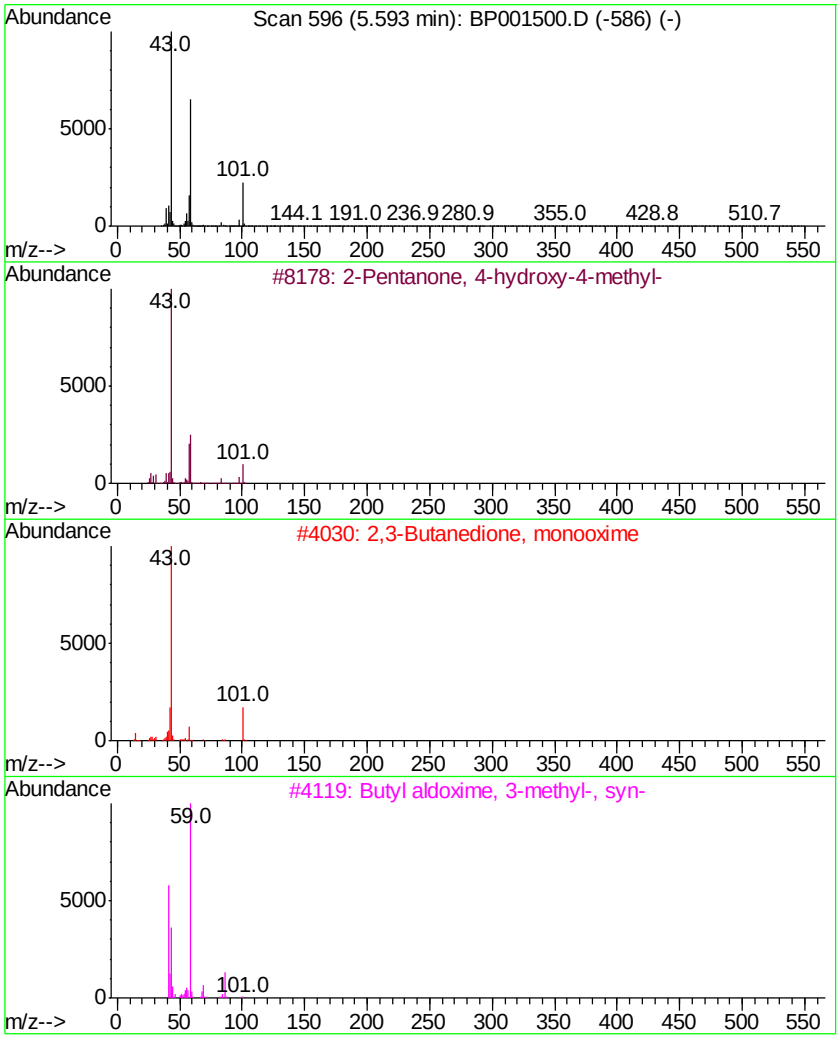
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

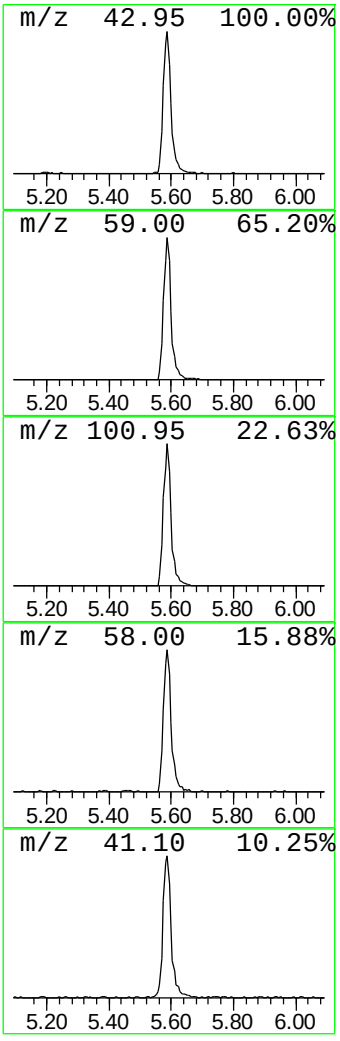
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	23.96 ng	177712	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9





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Operator : JU
Sample : K6439-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF014-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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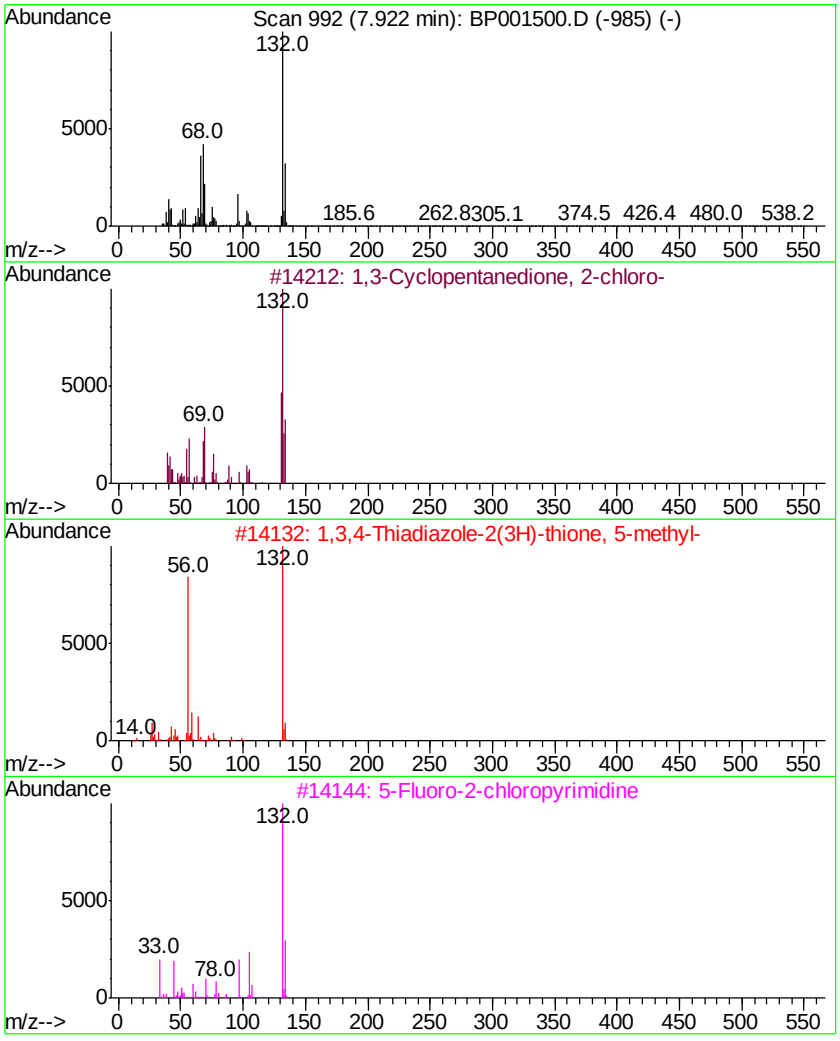
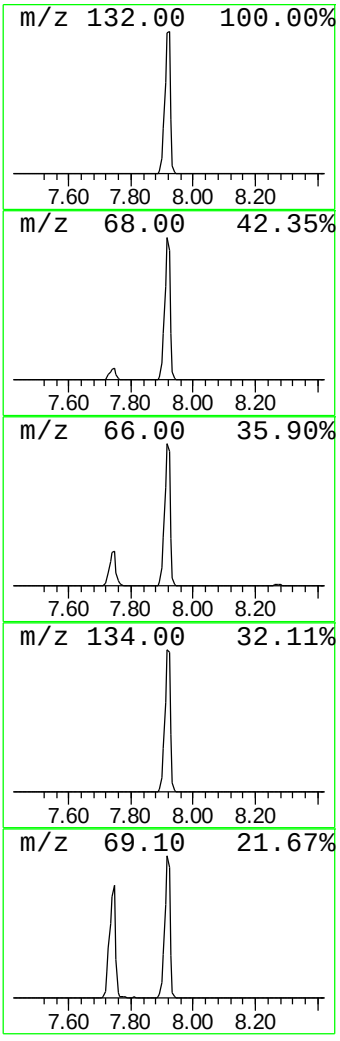
Peak Number 3 unknown7.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	126.65 ng	939479	1,4-Dichlorobenzene-d4	8.27

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14





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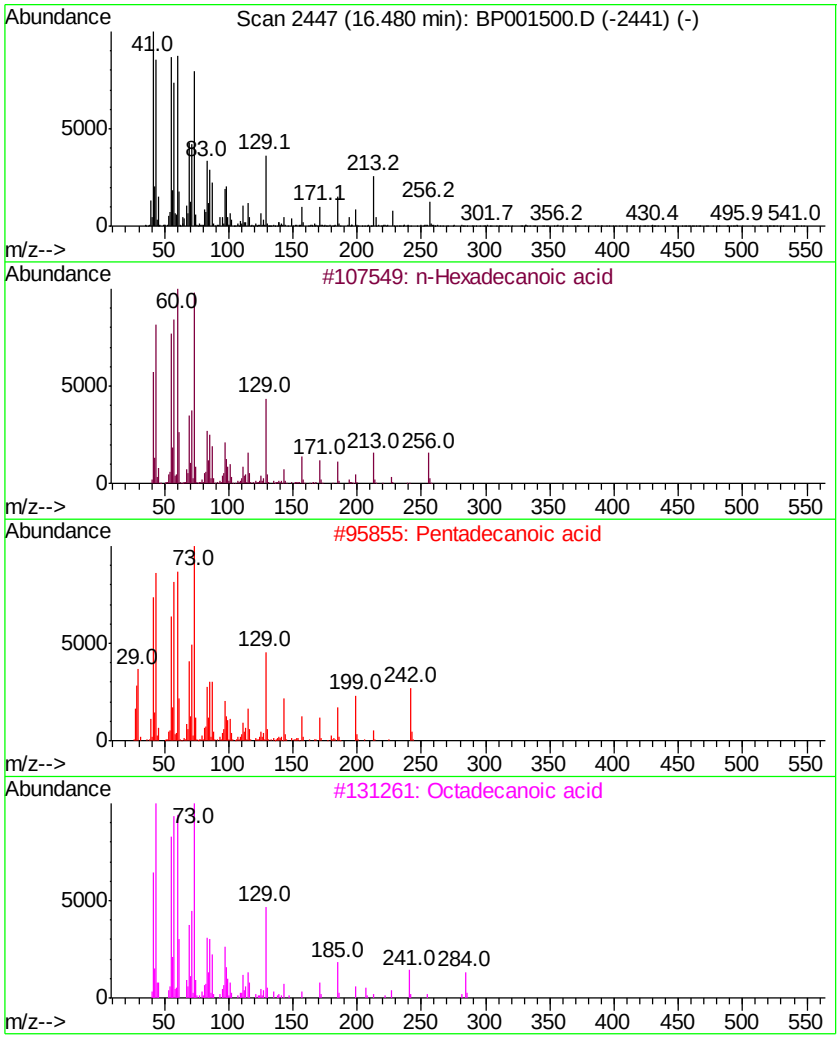
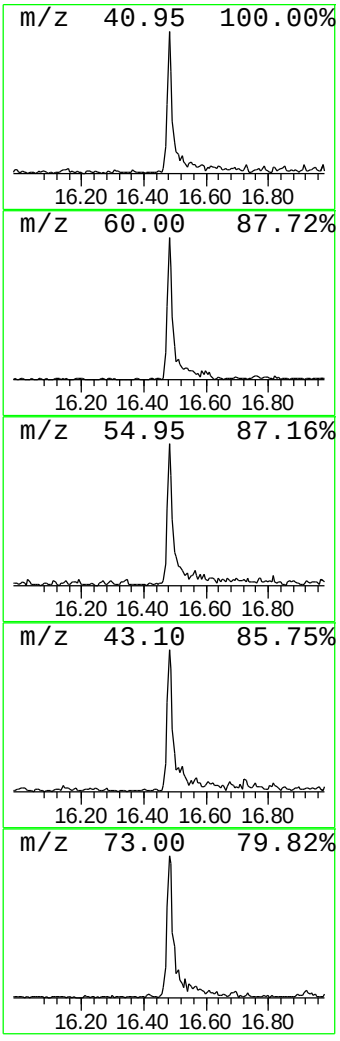
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	4.24 ng	49692	Phenanthrene-d10	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Octadecanoic acid	284	C18H36O2	000057-11-4	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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Instrument : BNA_P
ClientSampleId : LIED-BF014-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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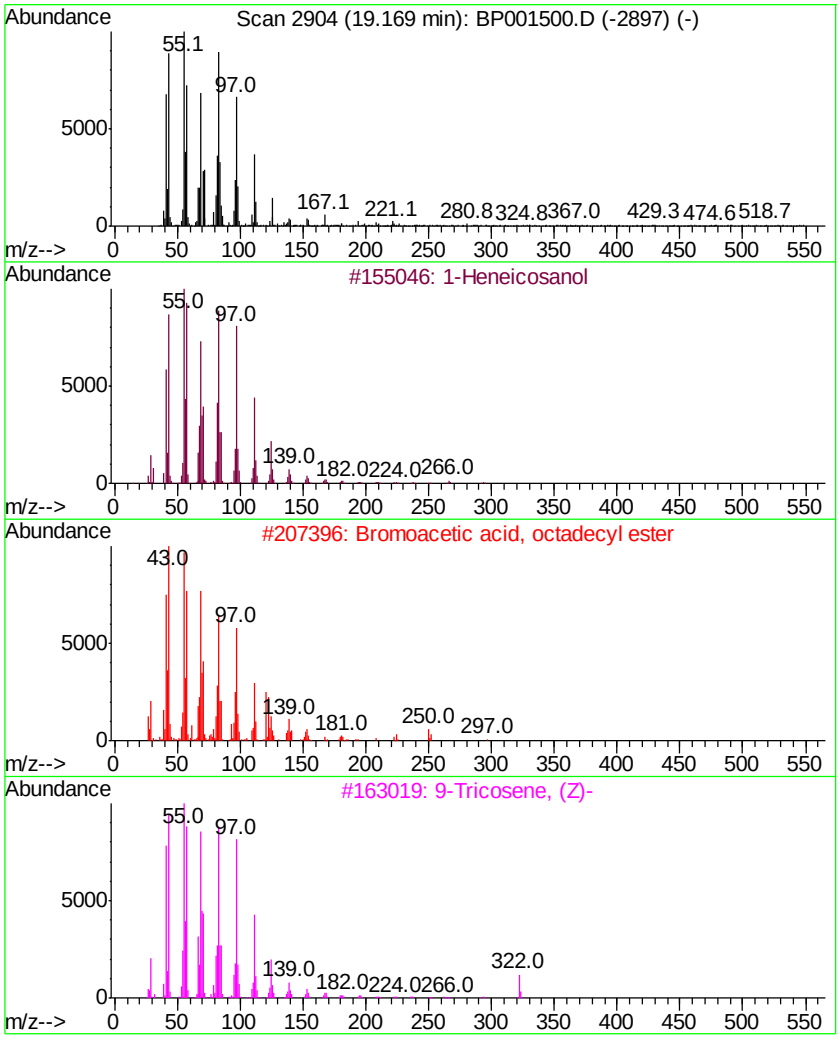
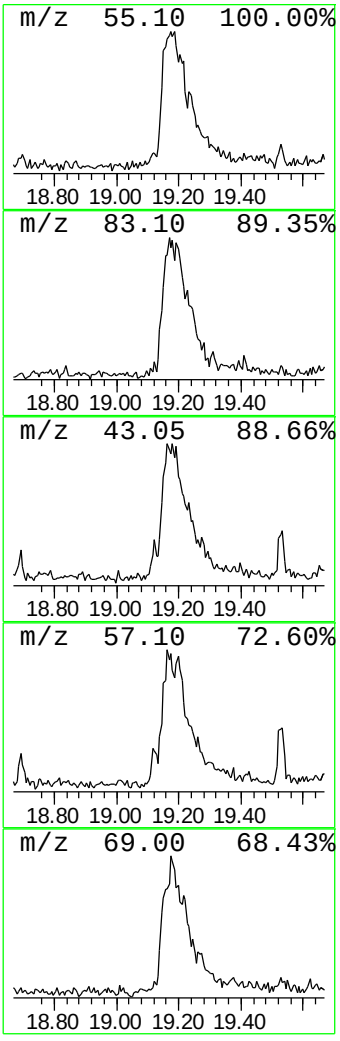
****

Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	6.53 ng	87077	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
4	2-Methyl-2-docosene	322	C23H46	1000131-16-9	89
5	1-Triacontanol	438	C30H62O	000593-50-0	76





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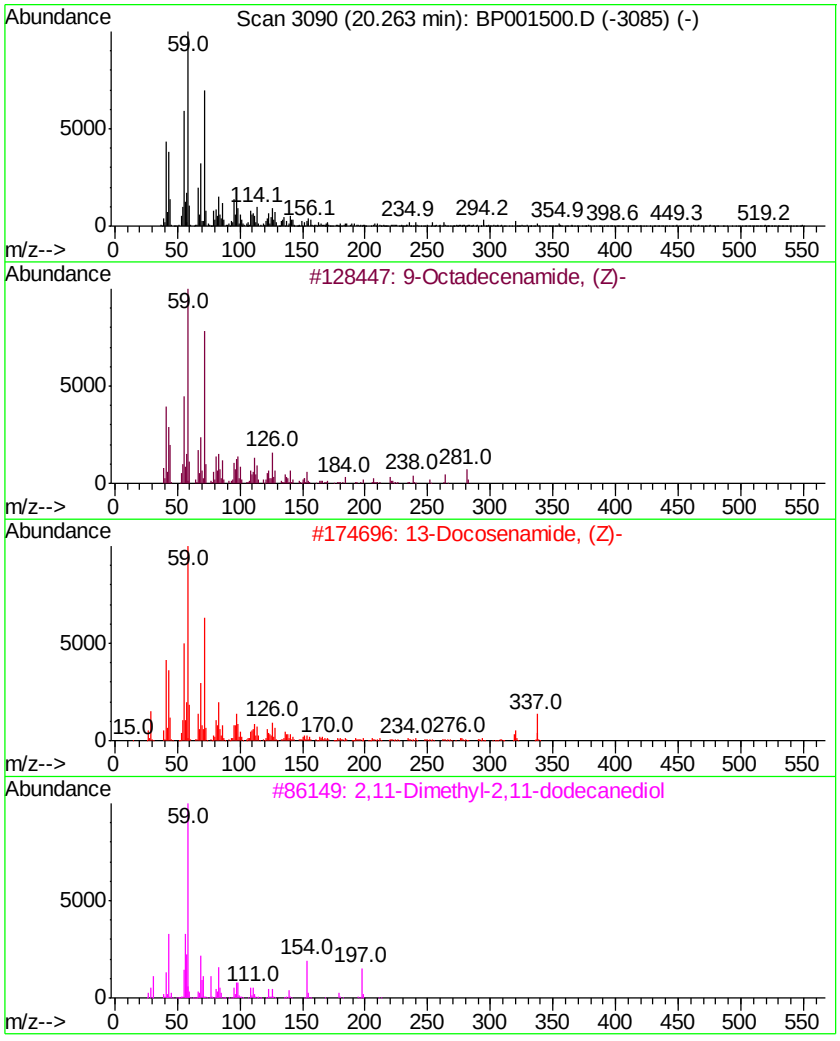
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

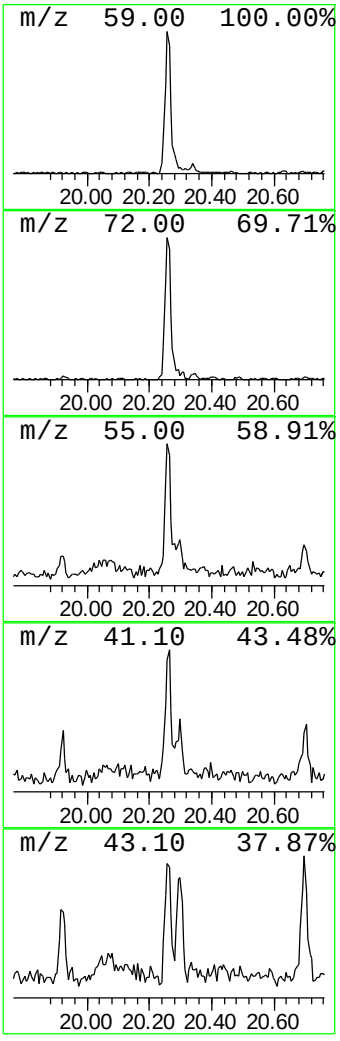
****

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	3.99 ng	41683	Perylene-d12	21.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64
3	2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	47
4	Nonanamide	157	C9H19NO	001120-07-6	43
5	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	43





Tentatively Identified Compound (LSC) summary

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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-Pentene, 4,4-di...	4.72	2.8	ng	20608	1	8.27	148358	20.0
2-Pentanone, 4-hy...	5.59	24.0	ng	177712	1	8.27	148358	20.0
unknown7.92	7.92	126.7	ng	939479	1	8.27	148358	20.0
n-Hexadecanoic acid	16.48	4.2	ng	49692	4	15.58	234186	20.0
1-Heneicosanol	19.17	6.5	ng	87077	5	19.23	266544	20.0
9-Octadecenamide,...	20.26	4.0	ng	41683	6	21.01	208835	20.0