LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001587.D
Acq On : 09 Jan 2020 19:39
Operator : JU
Sample : L1060-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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-BP010820.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	2.899	14	19	28	rVV3	19204	40051	2.15%	0.255%
2	2.975	28	32	45	rVB	135822	188647	10.12%	1.200%
3	4.828	341	347	358	rVB	191619	270783	14.52%	1.723%
4	5.287	418	425	439	rVB	783675	1141118	61.19%	7.260%
5	6.852	683	691	706	rVB	867055	1411298	75.68%	8.979%
6	7.199	742	750	762	rVB	856444	1318585	70.71%	8.389%
7	7.652	821	827	838	rVB	231443	352145	18.88%	2.240%
8	7.969	874	881	889	rBV	618325	991223	53.15%	6.306%
9	8.799	1015	1022	1031	rBV	536956	890312	47.74%	5.664%
10	10.428	1290	1299	1306	rBV	283940	467267	25.06%	2.973%
11	12.916	1715	1722	1731	rBV	1191774	1685526	90.38%	10.723%
12	13.763	1859	1866	1875	rBV	118294	166945	8.95%	1.062%
13	14.145	1916	1931	1942	rBV2	28046	91683	4.92%	0.583%
14	14.298	1950	1957	1965	rVB2	413677	616536	33.06%	3.922%
15	15.798	2205	2212	2224	rBV	1056806	1512408	81.10%	9.622%
16	17.057	2420	2426	2431	rBV	517026	722700	38.75%	4.598%
17	17.098	2431	2433	2438	rVB	17955	20977	1.12%	0.133%
18	17.998	2580	2586	2601	rBV	199177	314446	16.86%	2.000%
19	19.080	2766	2770	2775	rBV	36301	52765	2.83%	0.336%
20	19.239	2792	2797	2807	rBV	52476	92009	4.93%	0.585%
21	19.433	2826	2830	2837	rVB	28793	45322	2.43%	0.288%
22	19.645	2861	2866	2871	rBV	1547683	1864910	100.00%	11.864%
23	20.910	3076	3081	3087	rBV	247474	315257	16.90%	2.006%
24	21.163	3119	3124	3129	rBV	414535	566393	30.37%	3.603%
25	22.392	3329	3333	3338	rVB	57595	82295	4.41%	0.524%
26	23.451	3506	3513	3526	rVB	169972	496834	26.64%	3.161%

Sum of corrected areas: 15718435

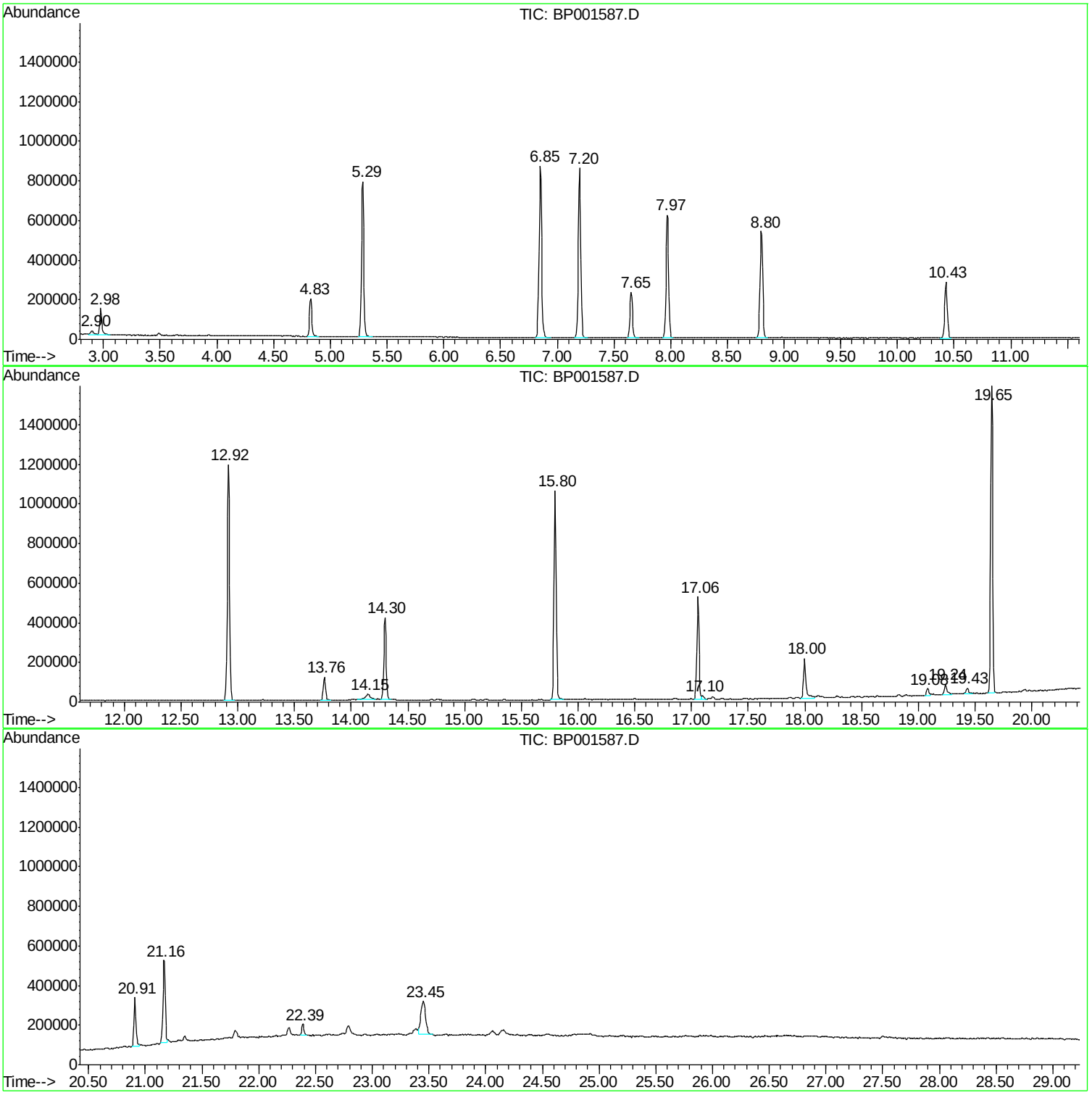
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001587.D
Acq On : 09 Jan 2020 19:39
Operator : JU
Sample : L1060-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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\BP010920\
Data File : BP001587.D
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Operator : JU
Sample : L1060-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

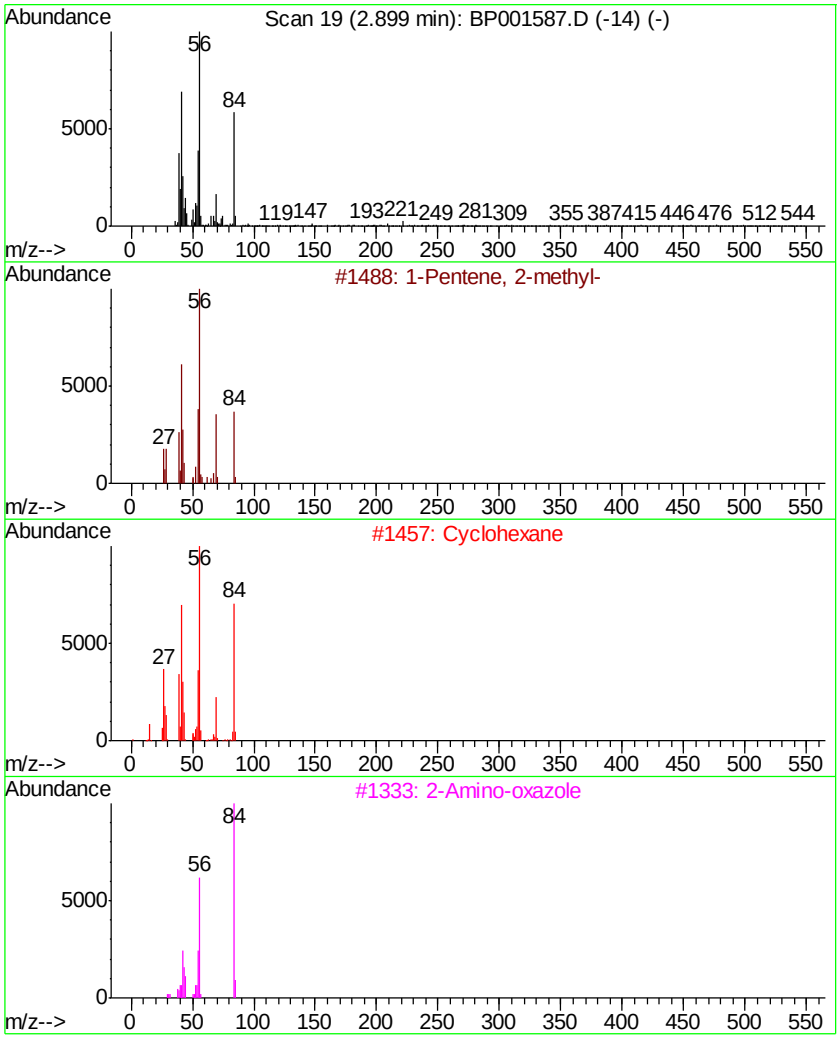
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

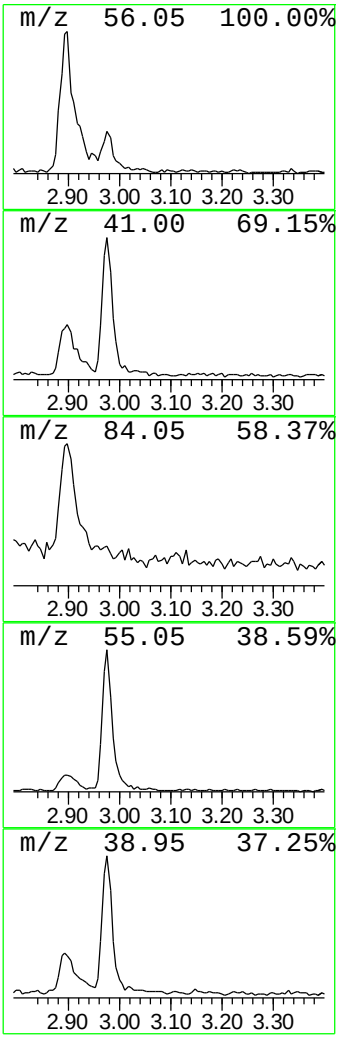
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	2.27 ng	40051	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
2	Cyclohexane	84	C6H12	000110-82-7	83
3	2-Amino-oxazole	84	C3H4N2O	004570-45-0	83
4	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	64
5	1-Butanol	74	C4H10O	000071-36-3	47





Library Search Compound Report

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Data File : BP001587.D
Acq On : 09 Jan 2020 19:39
Operator : JU
Sample : L1060-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

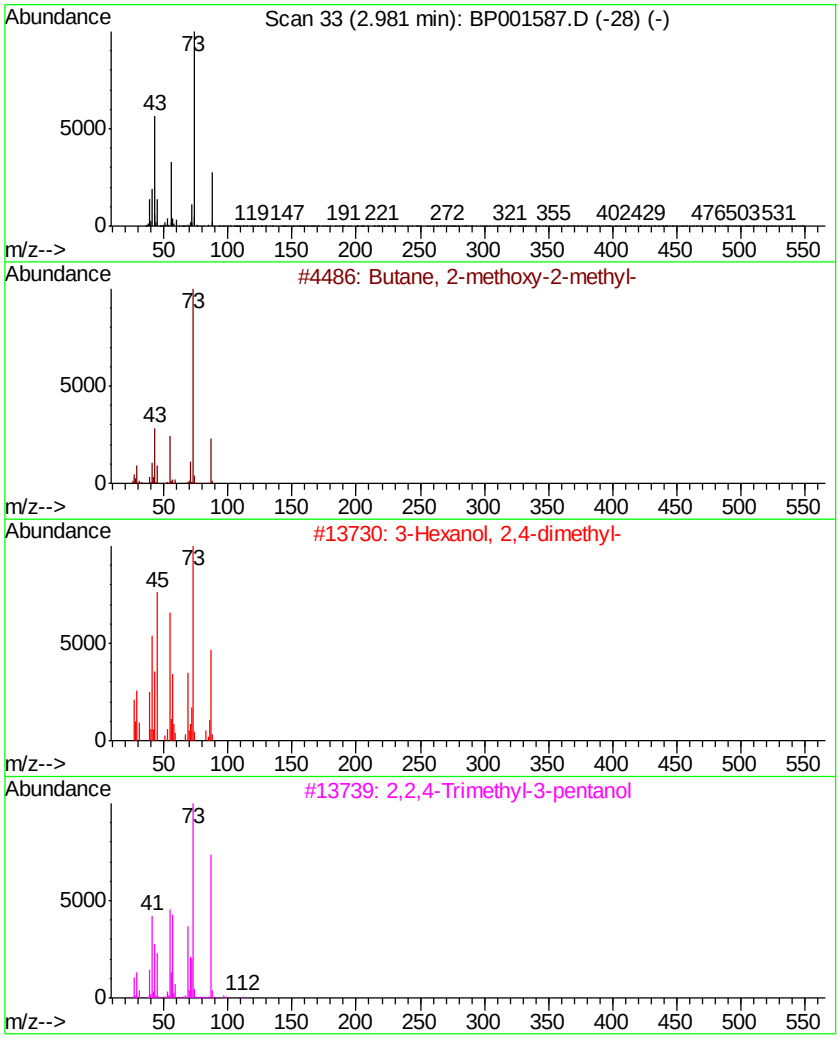
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

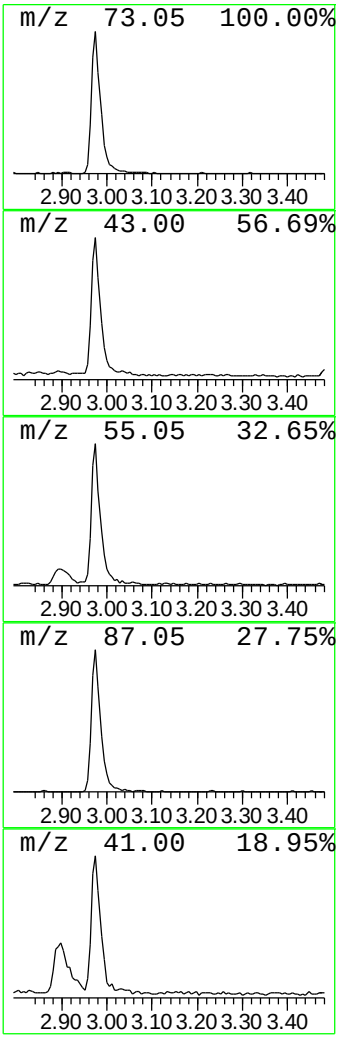
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	10.71 ng	188647	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	4-Penten-2-ol, acetate	128	C7H12O2	1000352-31-5	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001587.D
Acq On : 09 Jan 2020 19:39
Operator : JU
Sample : L1060-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

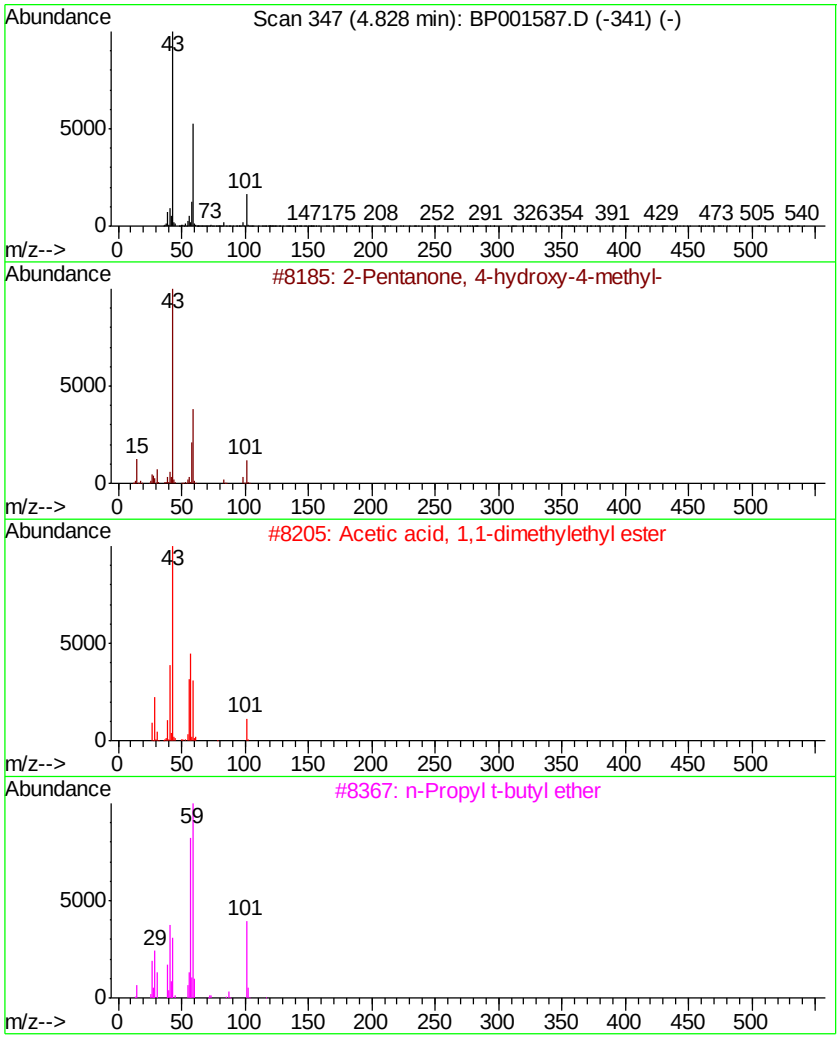
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

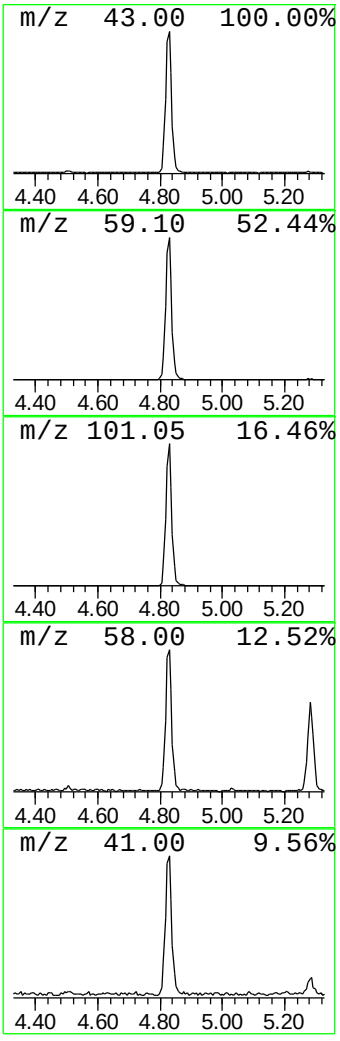
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	15.38 ng	270783	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001587.D
Acq On : 09 Jan 2020 19:39
Operator : JU
Sample : L1060-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

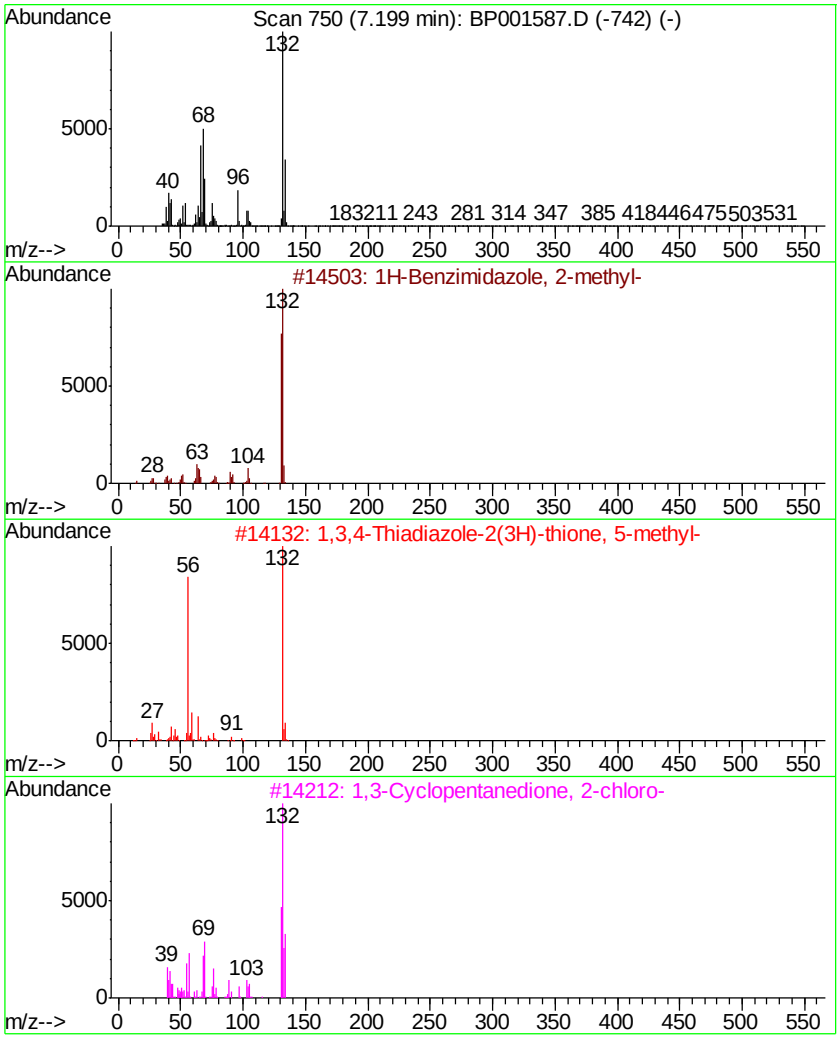
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

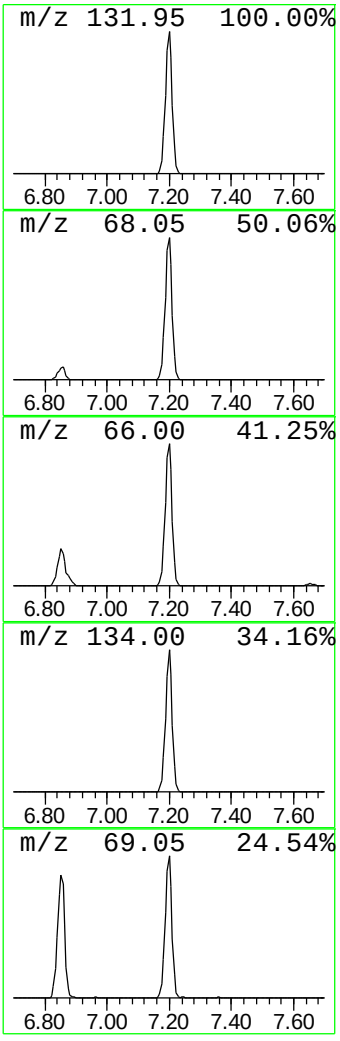
****

Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	74.89 ng	1318590	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
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Acq On : 09 Jan 2020 19:39
Operator : JU
Sample : L1060-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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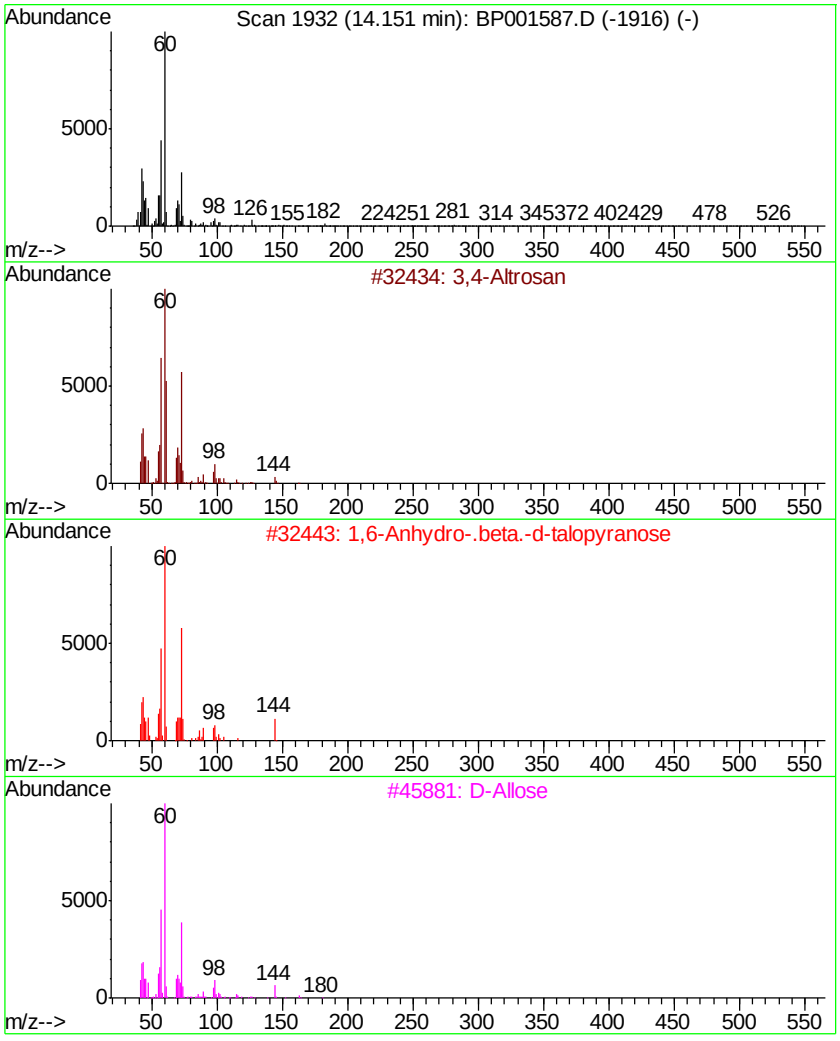
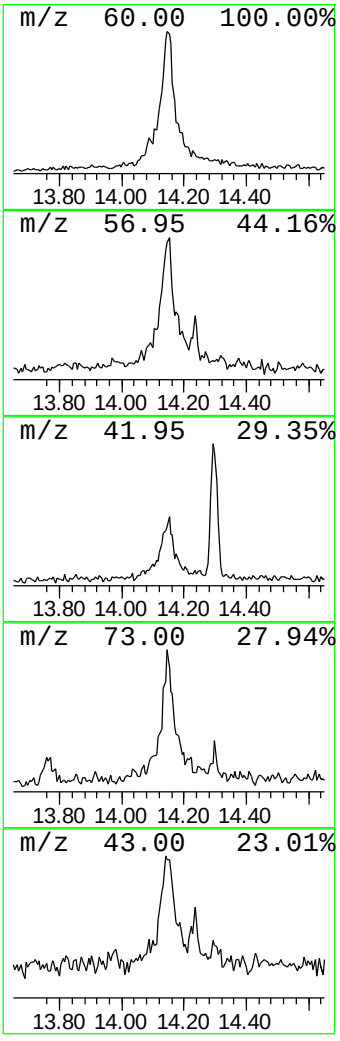
****

Peak Number 6 3,4-Altrosan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.97 ng	91683	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Altrosan	162	C6H10O5	1000129-76-4	64
2	1,6-Anhydro-.beta.-d-talopyranose	162	C6H10O5	1000133-05-8	64
3	D-Allose	180	C6H12O6	002595-97-3	64
4	.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	59
5	Methyl-4-azido-4-desoxy.beta.l-a...	189	C6H11N3O4	1000312-10-3	45





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

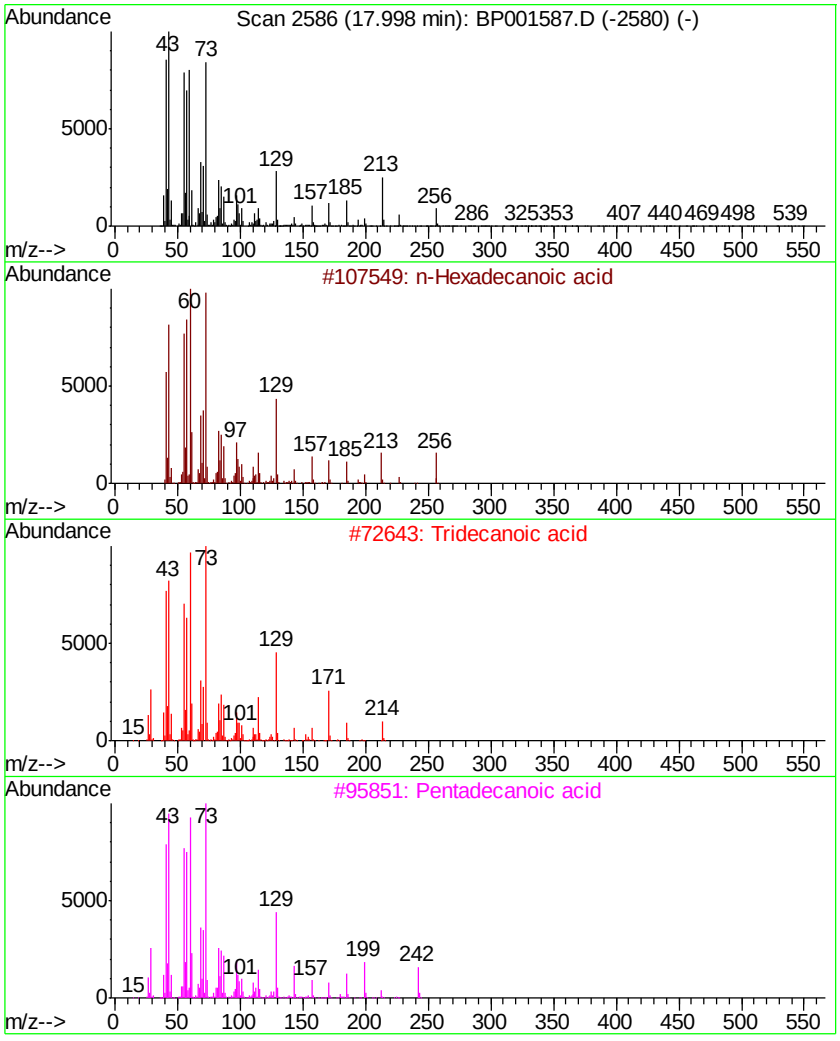
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

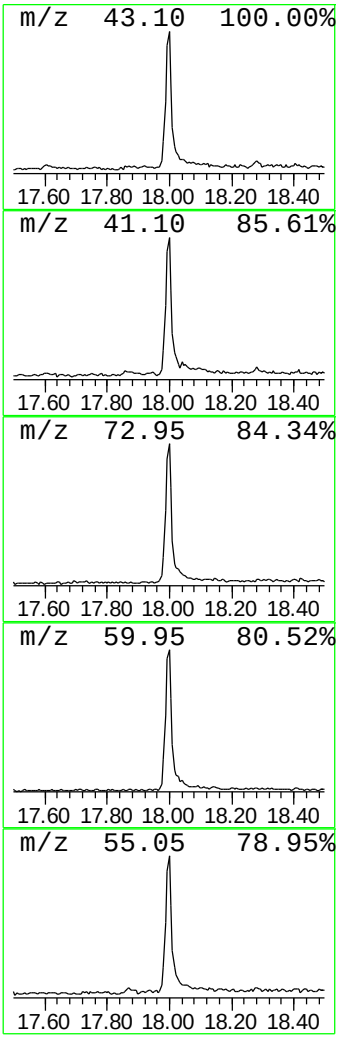
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	8.70 ng	314446	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

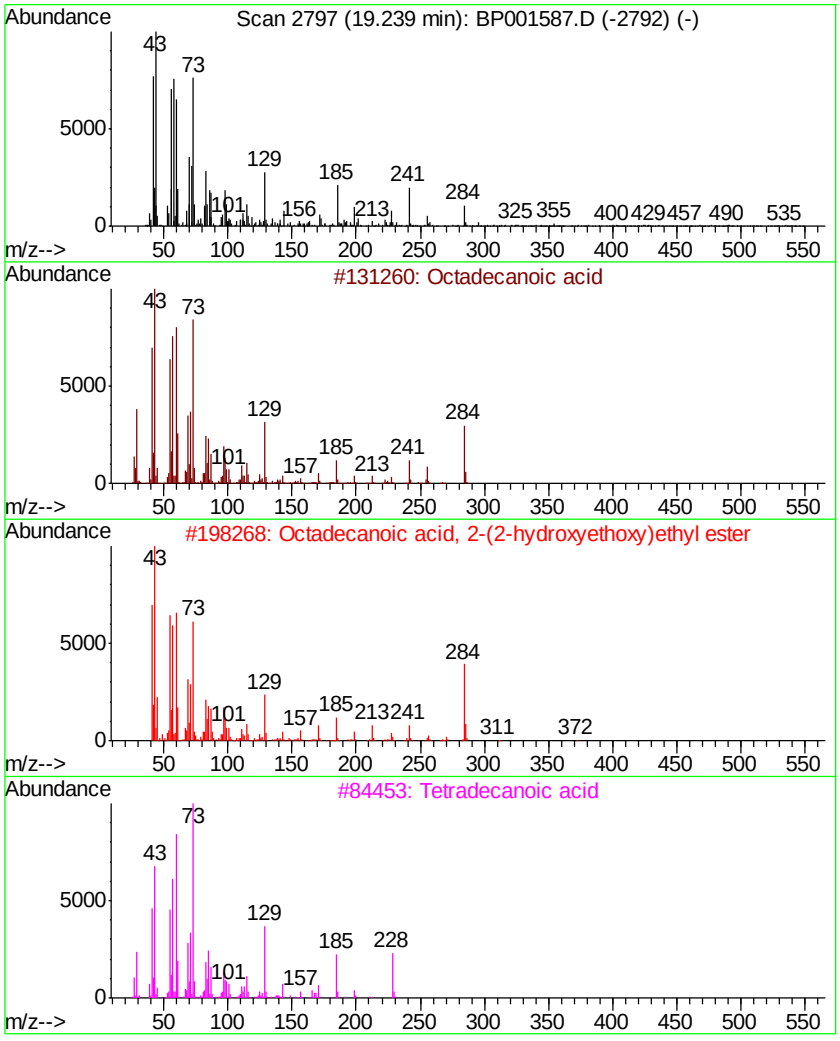
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

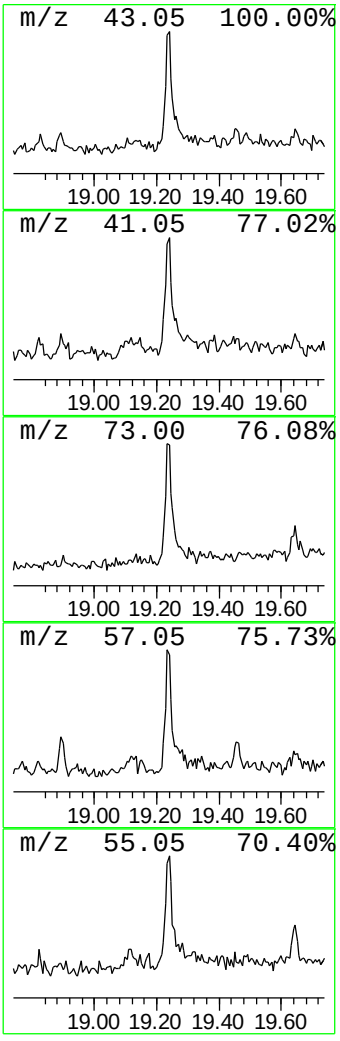
****

Peak Number 8 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.25 ng	92009	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5	Docosanoic acid	340	C22H44O2	000112-85-6	50





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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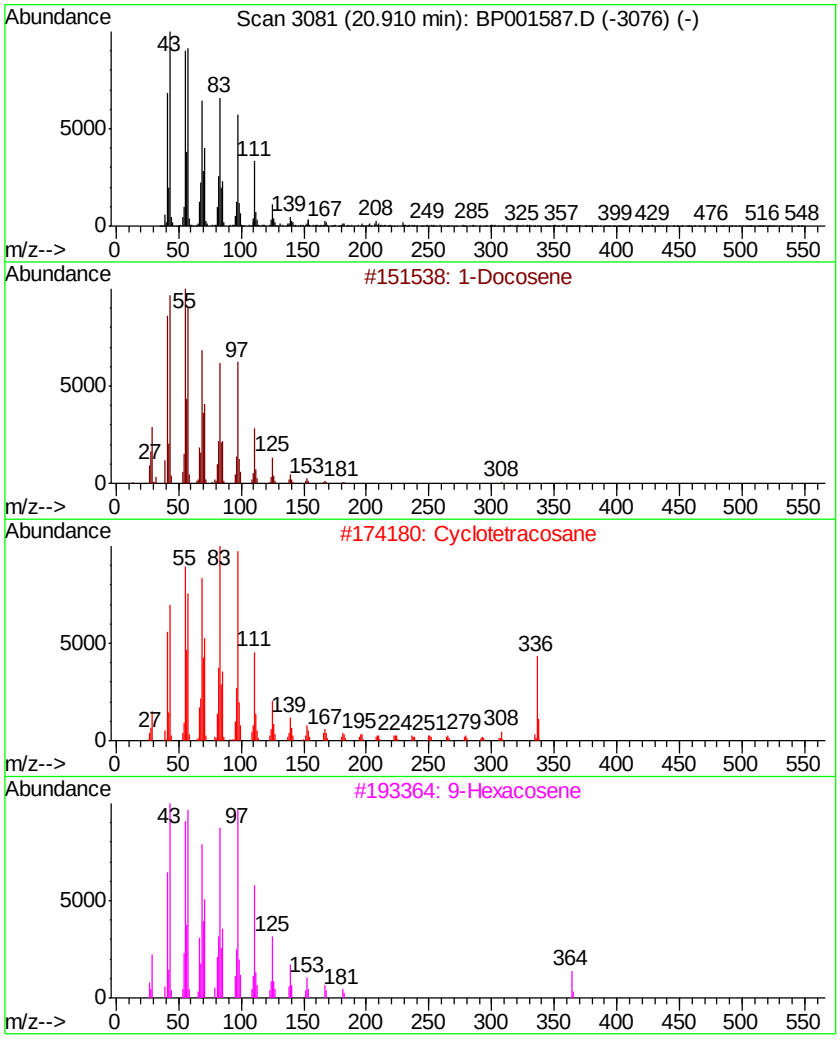
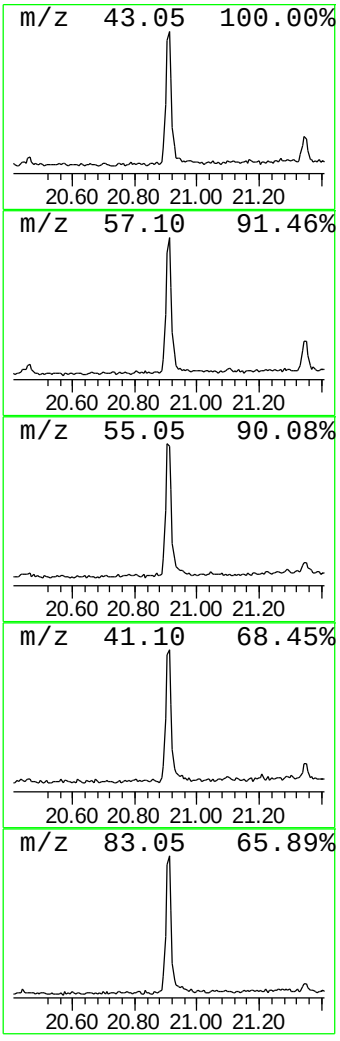
****

Peak Number 9 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	11.13 ng	315257	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	9-Hexacosene	364	C26H52	071502-22-2	93
4	Cyclooctacosane	392	C28H56	000297-24-5	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

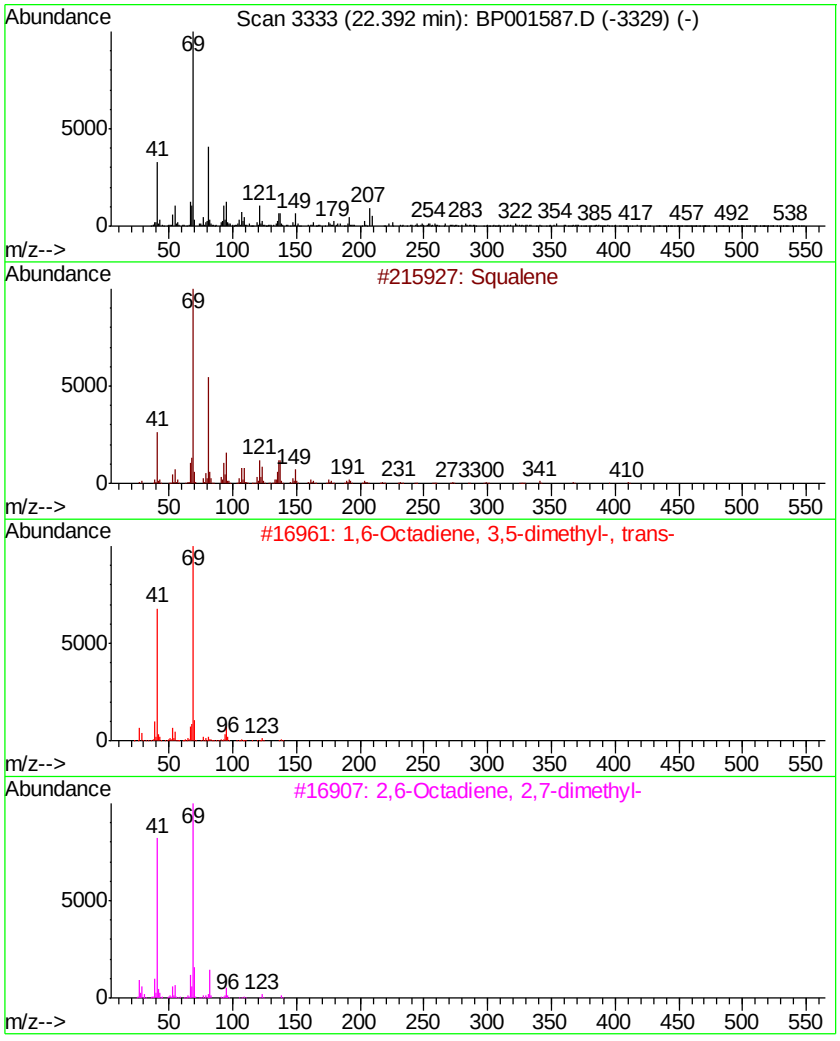
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

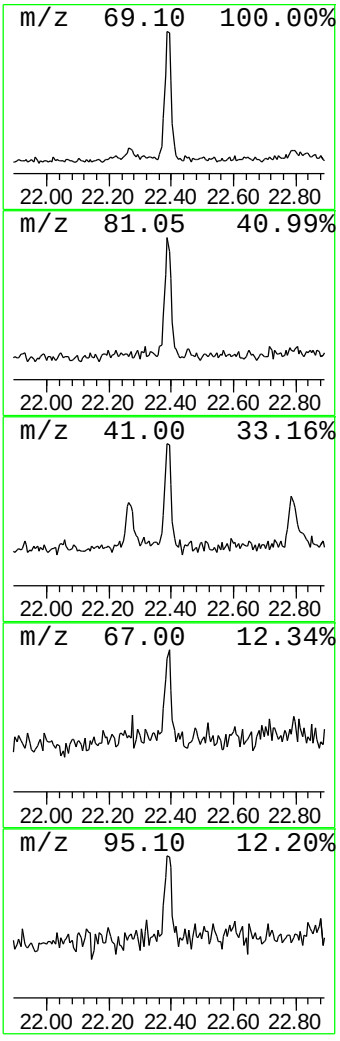
****

Peak Number 10 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	3.31 ng	82295	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	64
2	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53
3	2,6-Octadiene, 2,7-dimethyl-	138	C10H18	016736-42-8	50
4	trans-Farnesol	222	C15H26O	000106-28-5	50
5	Supraene	410	C30H50	007683-64-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010920\
Data File : BP001587.D
Acq On : 09 Jan 2020 19:39
Operator : JU
Sample : L1060-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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
1-Pentene, 2-methyl-	2.90	2.3	ng	40051	1	7.65	352145	20.0
Butane, 2-methoxy...	2.98	10.7	ng	188647	1	7.65	352145	20.0
2-Pentanone, 4-hy...	4.83	15.4	ng	270783	1	7.65	352145	20.0
unknown7.20	7.20	74.9	ng	1318590	1	7.65	352145	20.0
3,4-Altrosan	14.15	3.0	ng	91683	3	14.30	616536	20.0
n-Hexadecanoic acid	18.00	8.7	ng	314446	4	17.06	722700	20.0
Octadecanoic acid	19.24	3.3	ng	92009	5	21.16	566393	20.0
1-Docosene	20.91	11.1	ng	315257	5	21.16	566393	20.0
Squalene	22.39	3.3	ng	82295	6	23.45	496834	20.0