LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001381.D
Acq On : 23 Dec 2019 22:07
Operator : JU
Sample : K6372-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FIELD-BLANK

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	5.611	595	599	611	rVB	72404	104977	3.96%	0.628%
2	6.216	696	702	713	rBV	594105	735290	27.75%	4.396%
3	7.757	958	964	972	rBV	391363	472063	17.81%	2.822%
4	7.946	989	996	1000	rBV	1423335	1694047	63.93%	10.129%
5	8.304	1051	1057	1063	rBV	355858	401775	15.16%	2.402%
6	8.546	1092	1098	1103	rBV	1376630	1650832	62.30%	9.870%
7	9.193	1200	1208	1211	rBV	1133254	1404623	53.01%	8.398%
8	9.616	1273	1280	1285	rBV3	15324	29310	1.11%	0.175%
9	10.340	1392	1403	1407	rBV	425696	478602	18.06%	2.862%
10	12.128	1696	1707	1723	rBV	2144510	2649867	100.00%	15.844%
11	12.787	1815	1819	1826	rBV	22441	29386	1.11%	0.176%
12	13.204	1884	1890	1896	rBV	454003	554286	20.92%	3.314%
13	14.504	2104	2111	2123	rBV	1380279	1756427	66.28%	10.502%
14	15.604	2289	2298	2309	rBV	468708	565437	21.34%	3.381%
15	15.745	2318	2322	2328	rVB2	29618	33475	1.26%	0.200%
16	16.492	2446	2449	2459	rBV2	52997	79755	3.01%	0.477%
17	17.898	2682	2688	2691	rBV	2385652	2532794	95.58%	15.144%
18	19.127	2893	2897	2908	rBV2	84945	166772	6.29%	0.997%
19	19.257	2914	2919	2926	rBV	358719	441545	16.66%	2.640%
20	19.545	2965	2968	2972	rBV2	43371	48919	1.85%	0.292%
21	19.933	3031	3034	3038	rBV	70017	80832	3.05%	0.483%
22	20.310	3095	3098	3102	rVB	96861	108234	4.08%	0.647%
23	20.704	3162	3165	3171	rVB	90175	110260	4.16%	0.659%
24	21.033	3216	3221	3228	rVB	269479	390593	14.74%	2.335%
25	21.145	3236	3240	3246	rBV	79256	114102	4.31%	0.682%
26	21.645	3322	3325	3331	rVB2	58453	91036	3.44%	0.544%

Sum of corrected areas: 16725239

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001381.D
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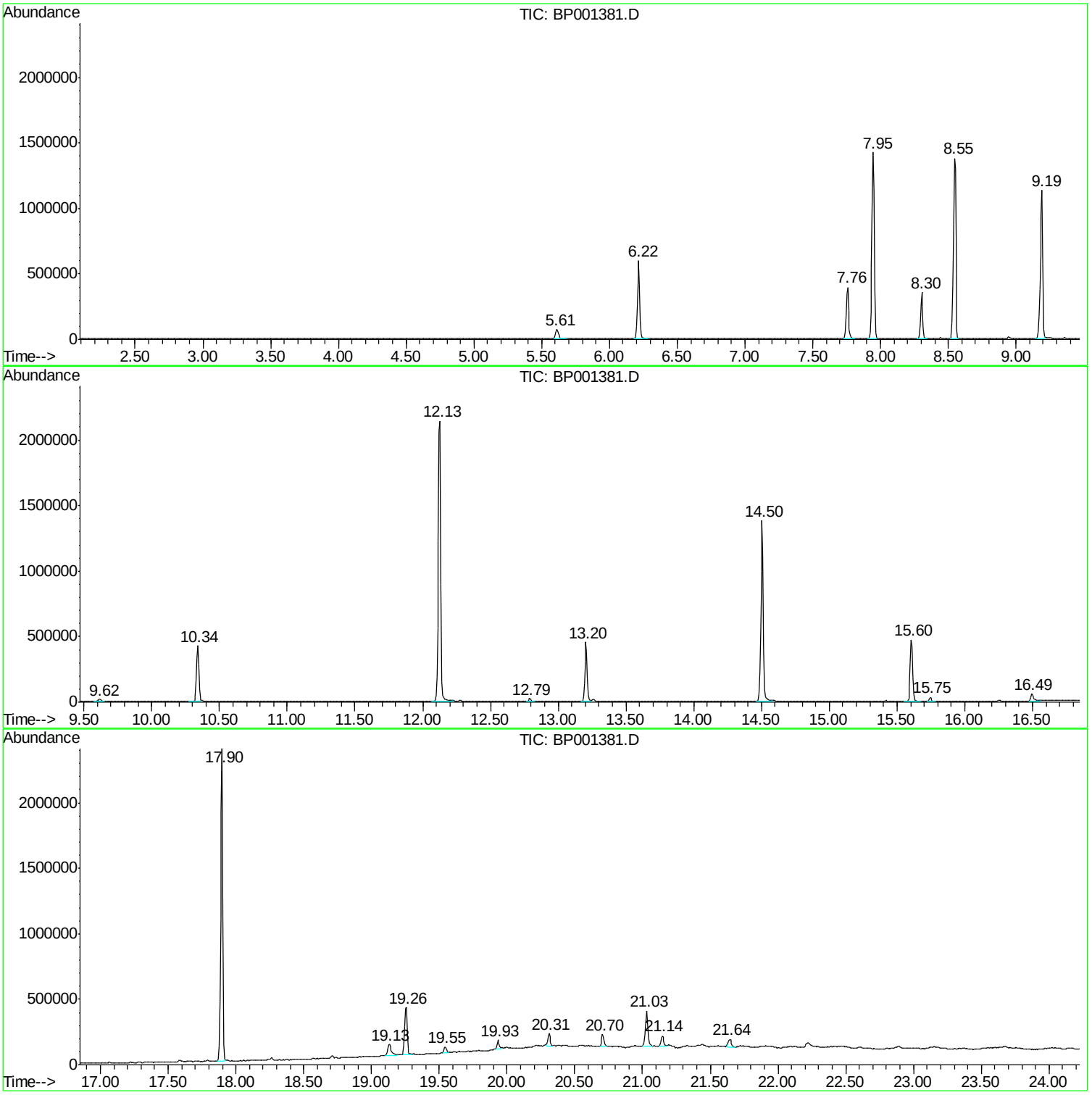
Sample : K6372-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

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

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Data File : BP001381.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

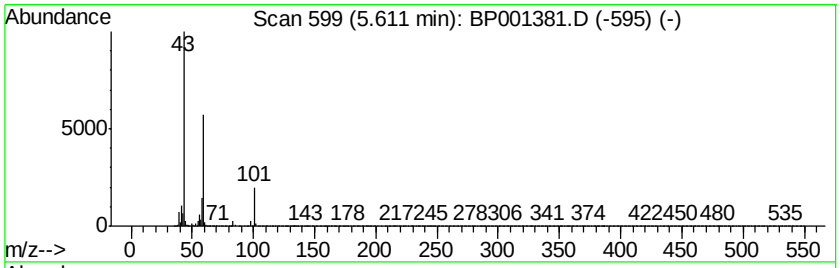
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

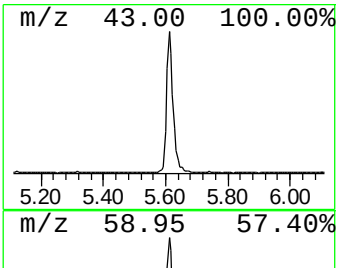
****

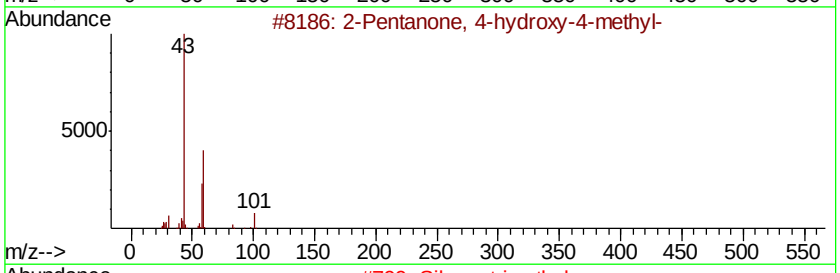
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

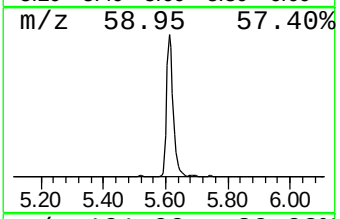
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	5.23 ng	104977	1,4-Dichlorobenzene-d4	8.30

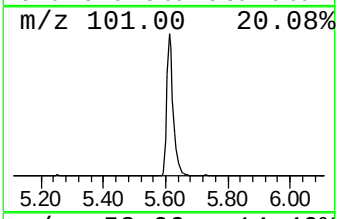
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	32
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Silane, dimethyl-	60	C2H8Si	001111-74-6	9

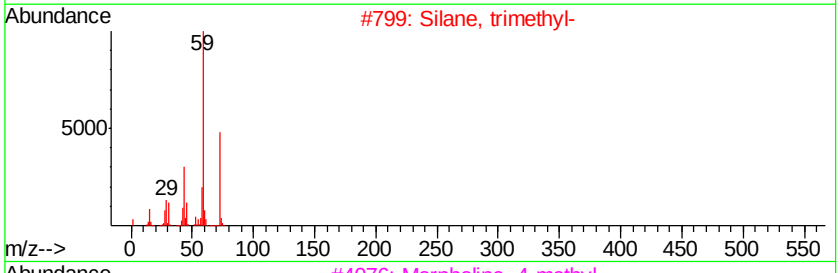


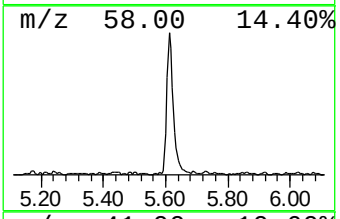


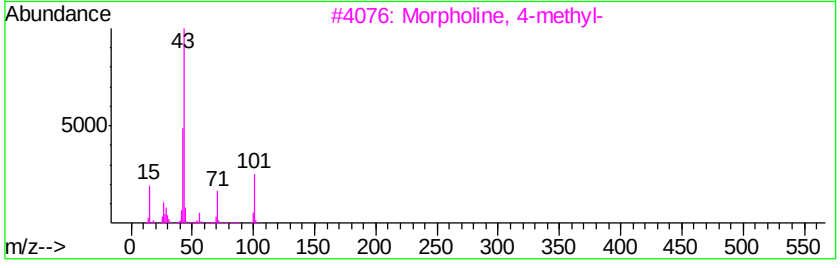


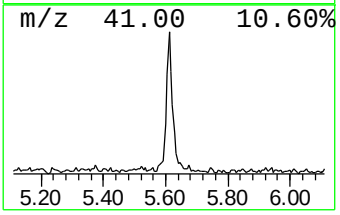












Library Search Compound Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FIELD-BLANK

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

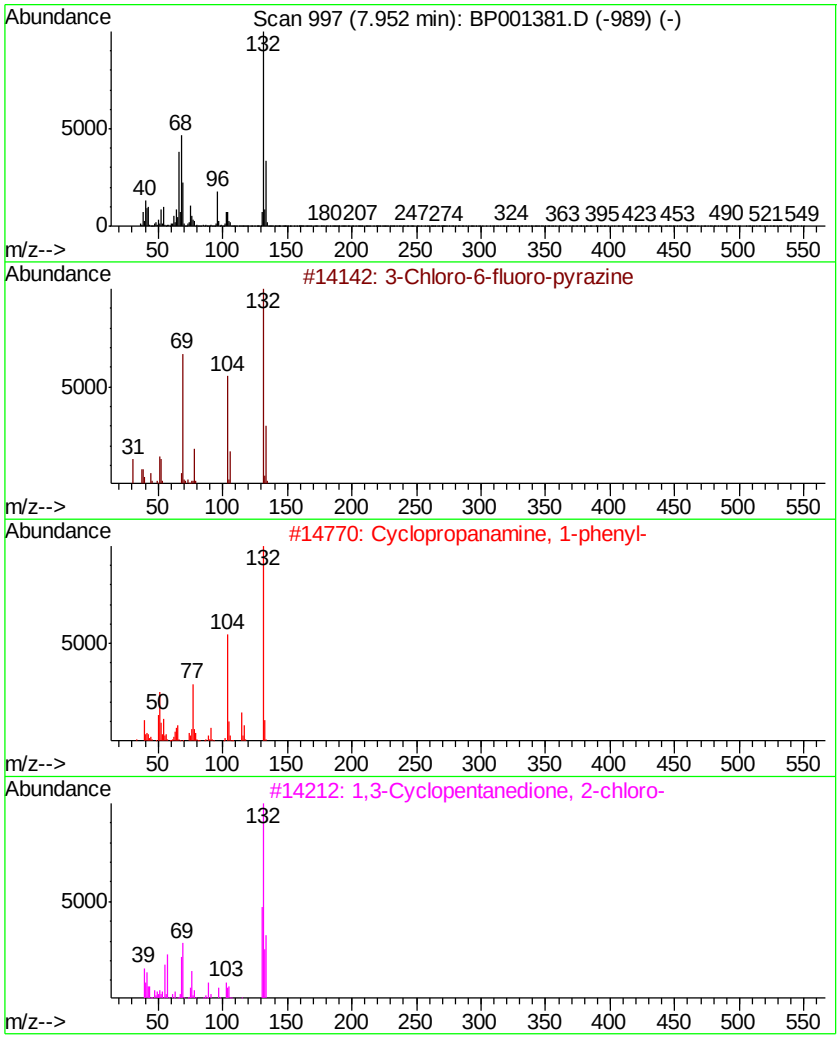
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

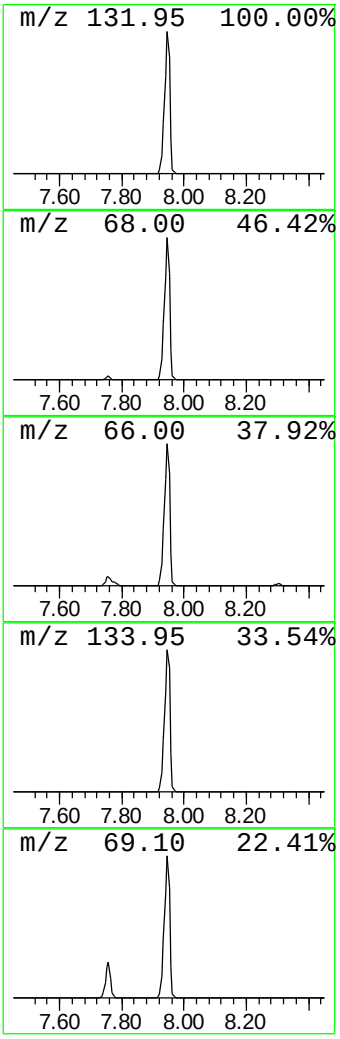
****

Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	84.33 ng	1694050	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10





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Misc :
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Instrument : BNA_P
ClientSampleId : FIELD-BLANK

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

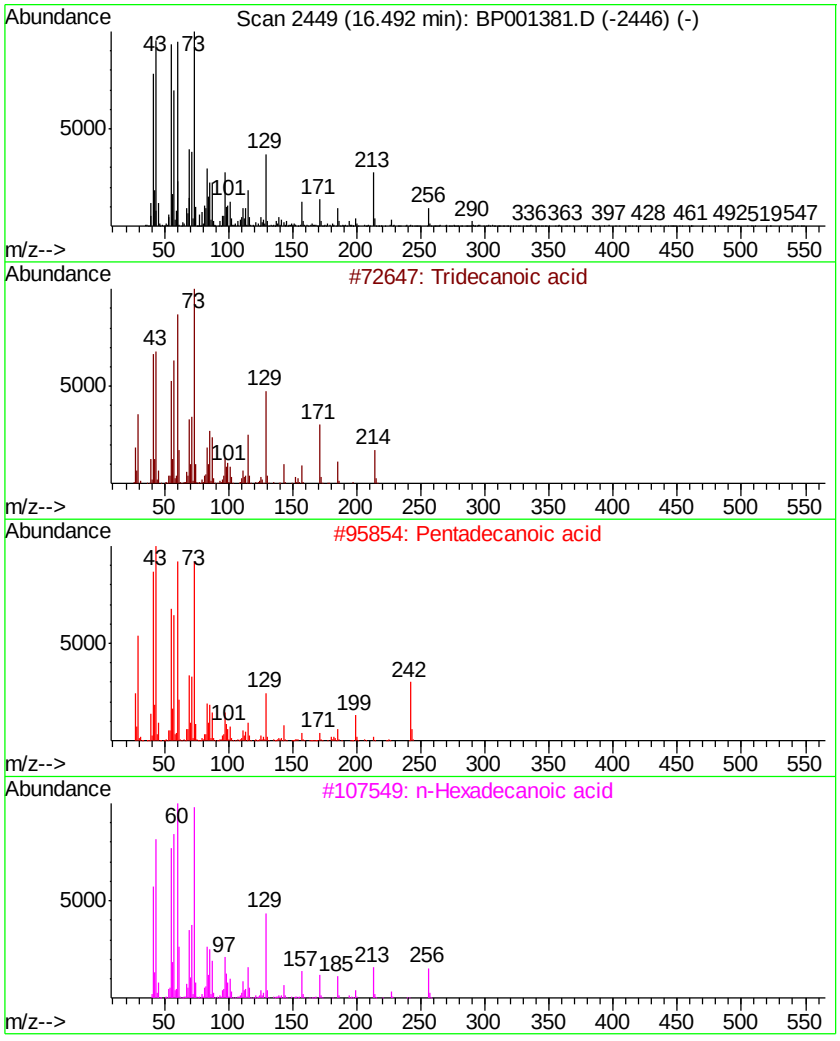
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

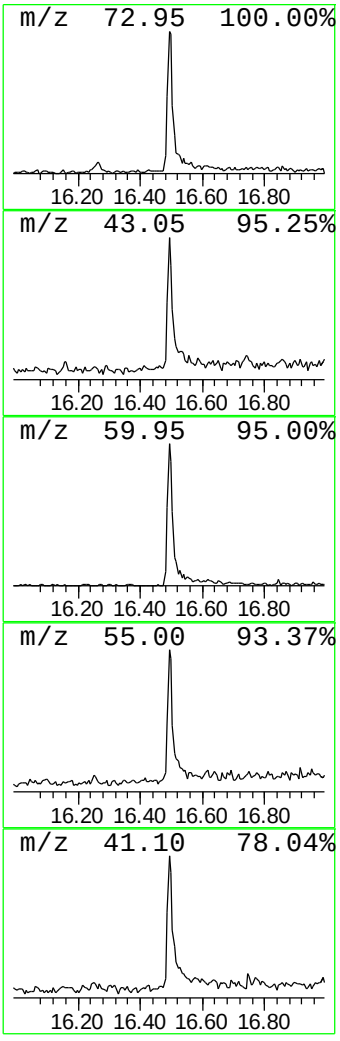
****

Peak Number 4 Tridecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.82 ng	79755	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

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Operator : JU
Sample : K6372-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FIELD-BLANK

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

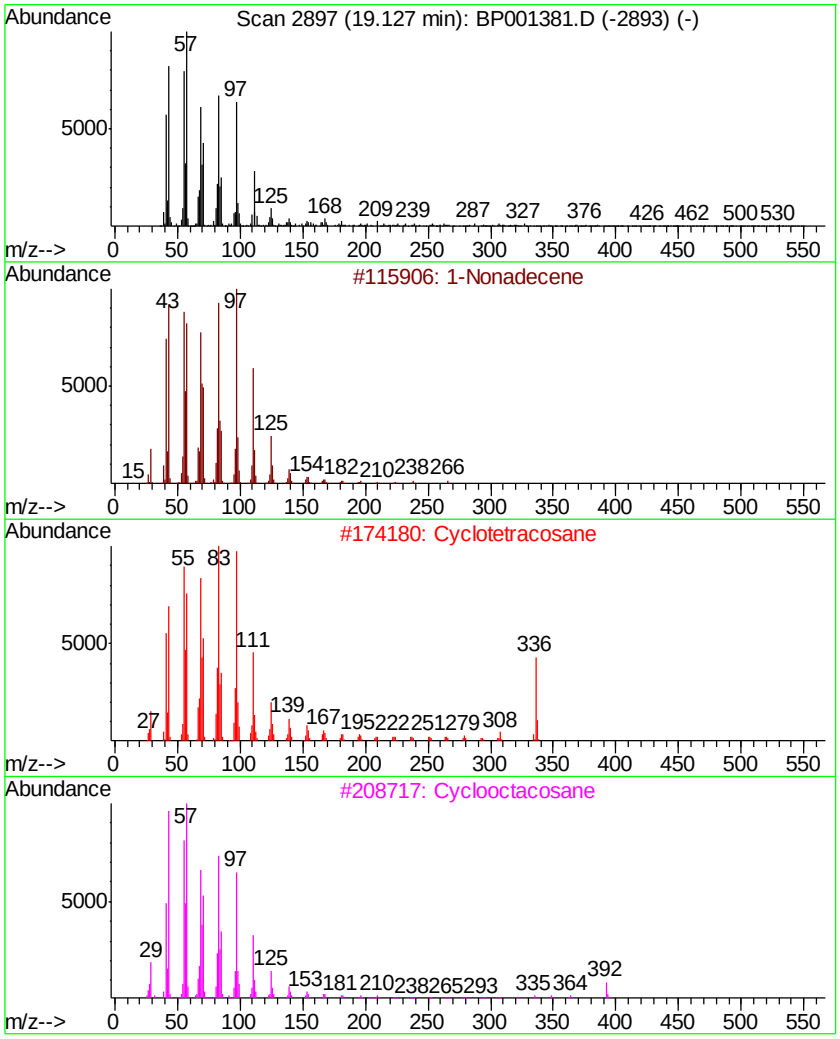
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

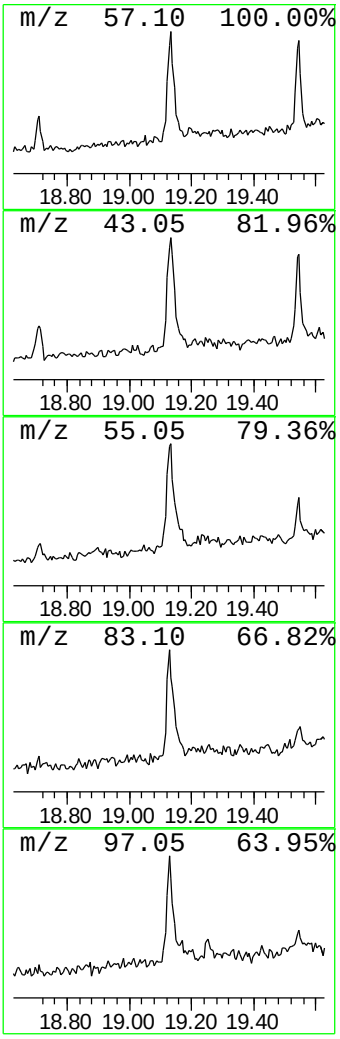
****

Peak Number 5 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	7.55 ng	166772	Chrysene-d12	19.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	Cyclooctacosane	392	C28H56	000297-24-5	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	1-Tricosene	322	C23H46	018835-32-0	91





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FIELD-BLANK

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TIC Library : C:\DATABASE\NIST11.L
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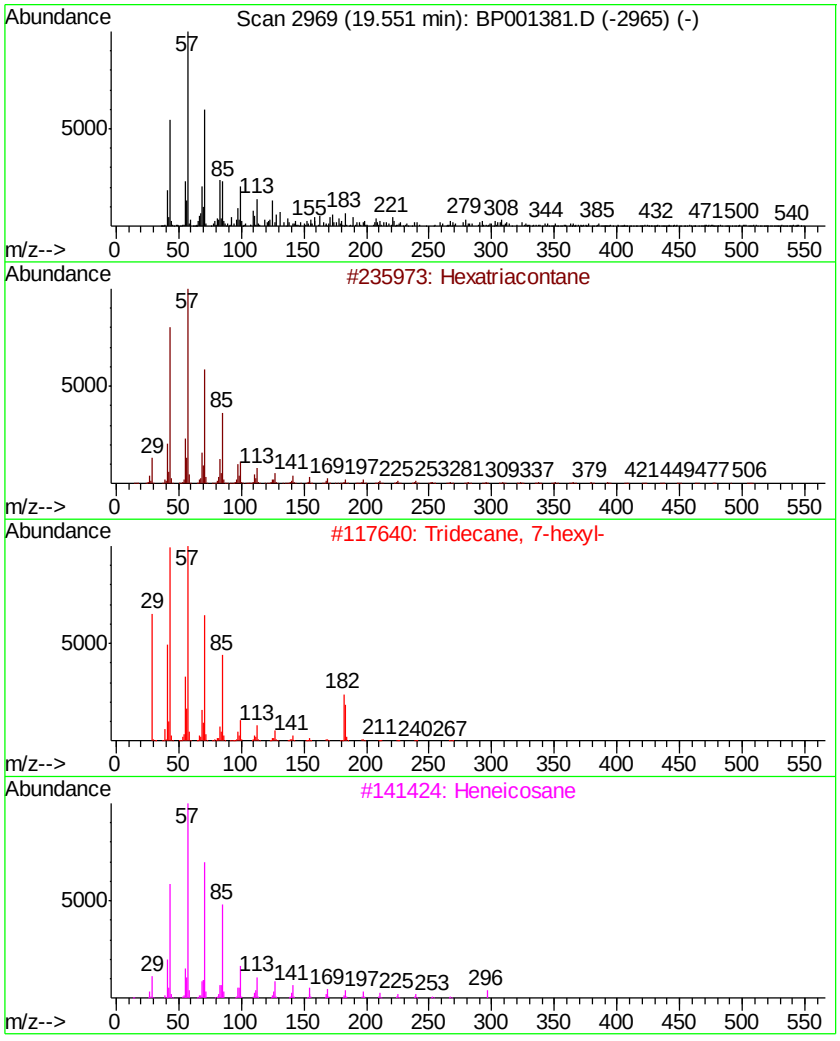
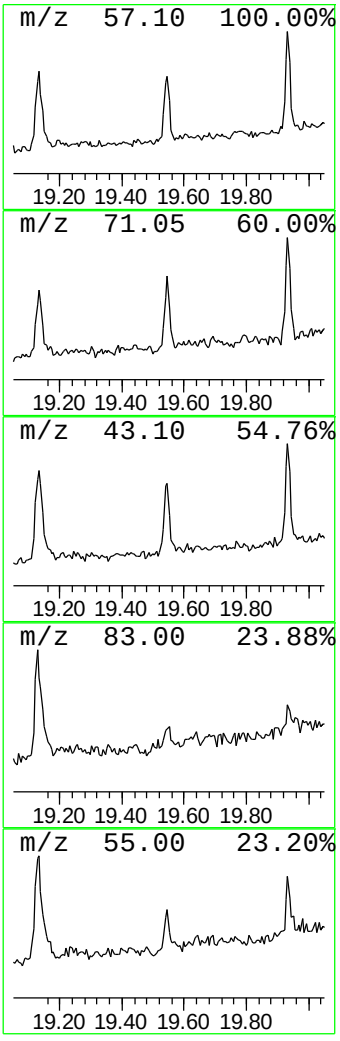
Peak Number 6 Hexatriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	2.22 ng	48919	Chrysene-d12	19.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3	Heneicosane	296	C21H44	000629-94-7	81
4	Eicosane	282	C20H42	000112-95-8	81
5	Hentriacontane	437	C31H64	000630-04-6	74





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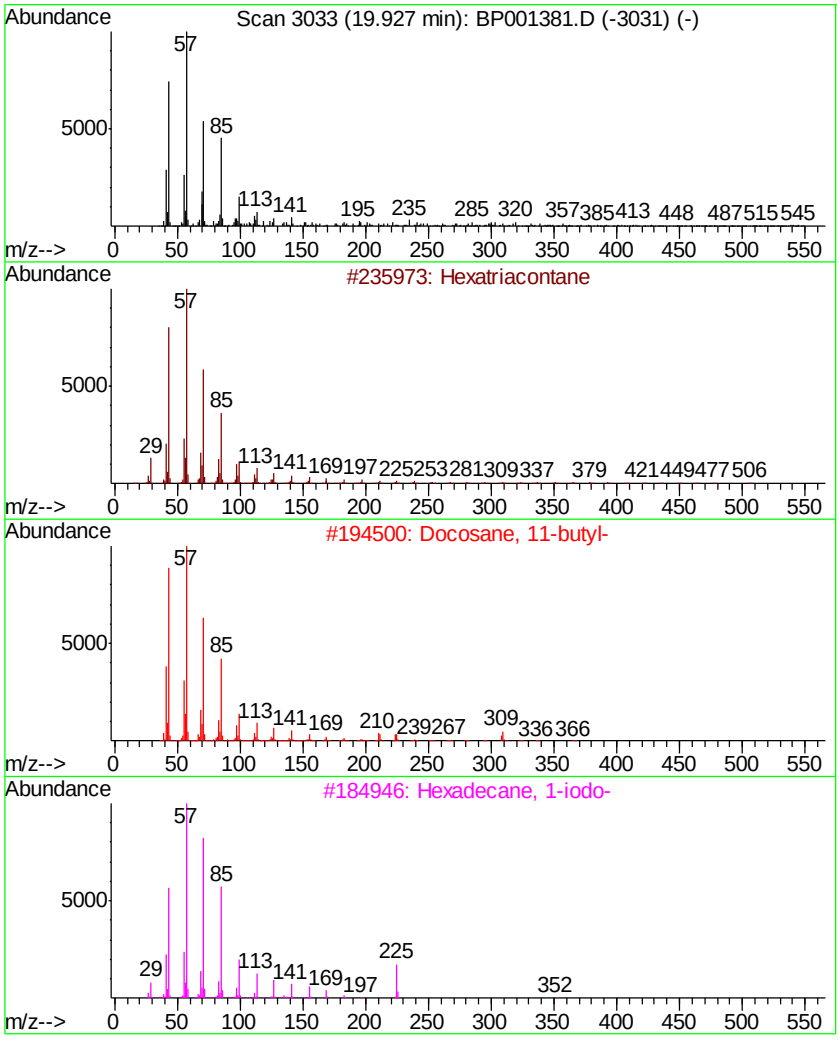
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

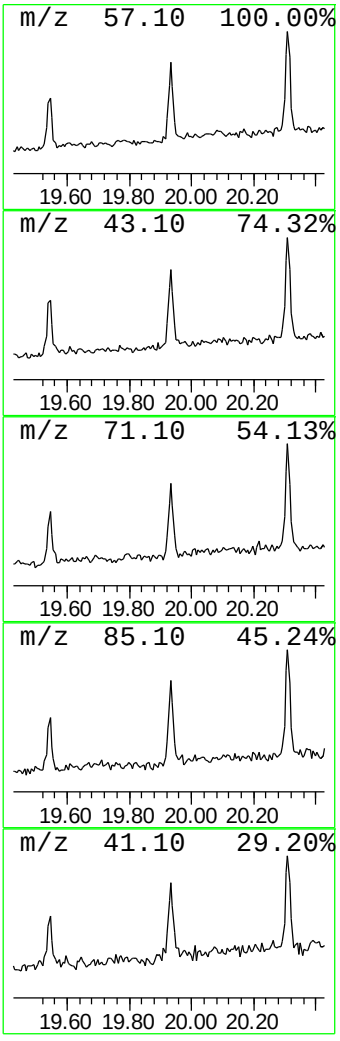
****

Peak Number 7 Docosane, 11-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	3.66 ng	80832	Chrysene-d12	19.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	89
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Octacosane	394	C28H58	000630-02-4	87





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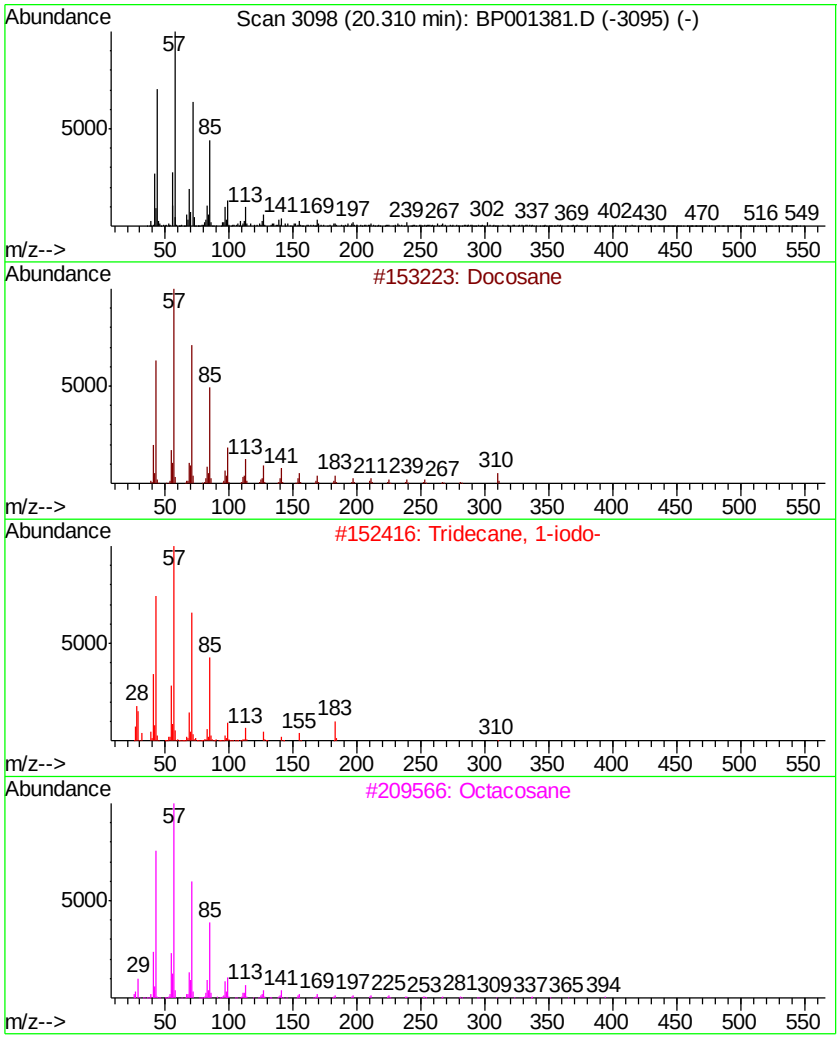
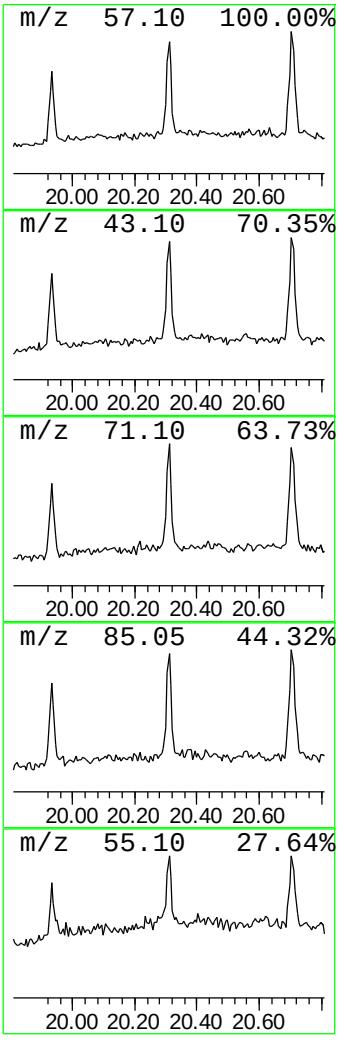
Peak Number 8 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	5.54 ng	108234	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Heptacosane	380	C27H56	000593-49-7	90





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Misc :
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Instrument : BNA_P
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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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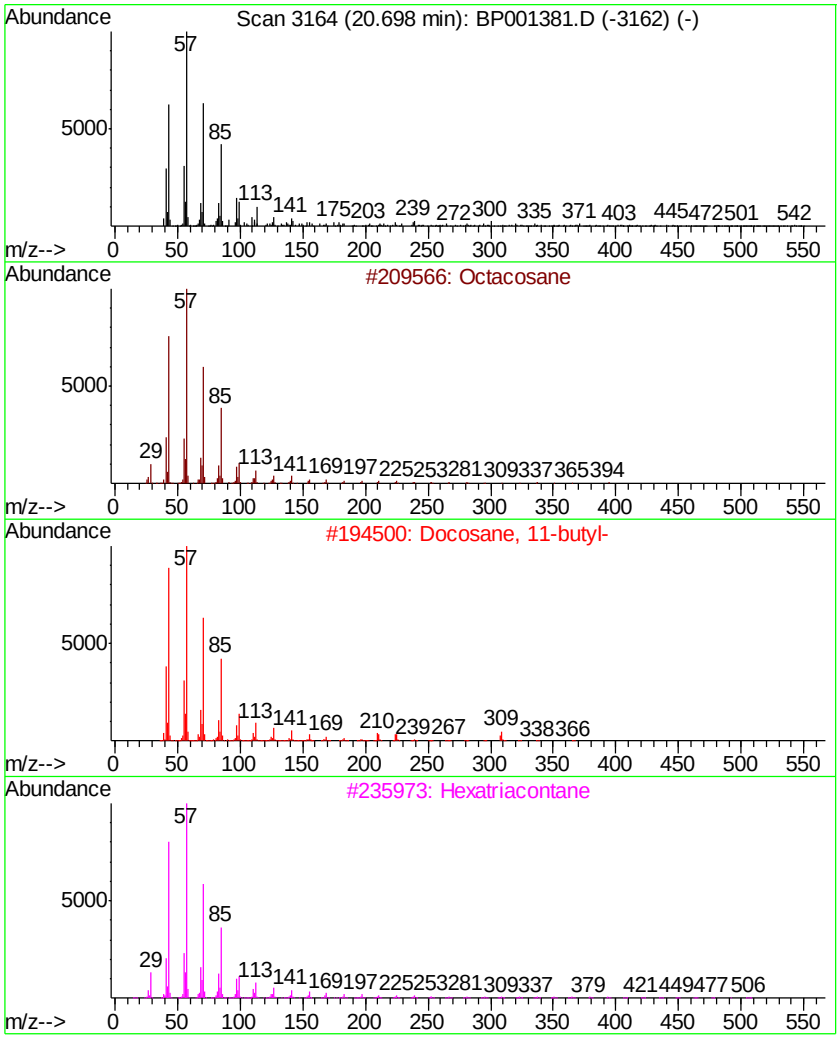
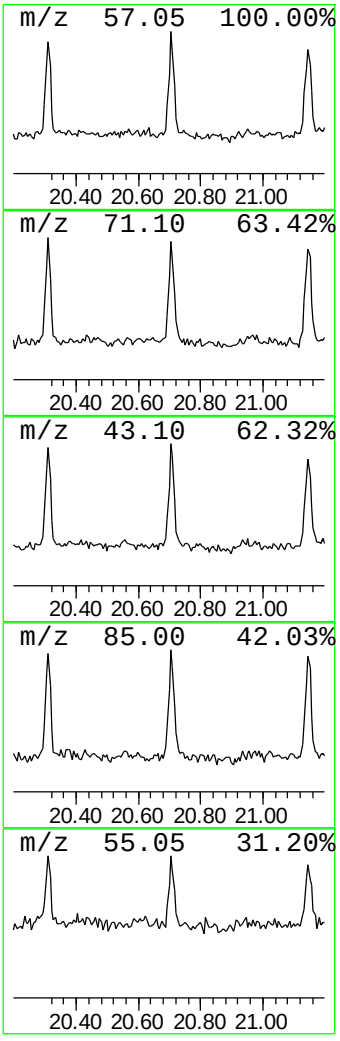
Peak Number 9 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	5.65 ng	110260	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Hexatriacontane	507	C36H74	000630-06-8	93
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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

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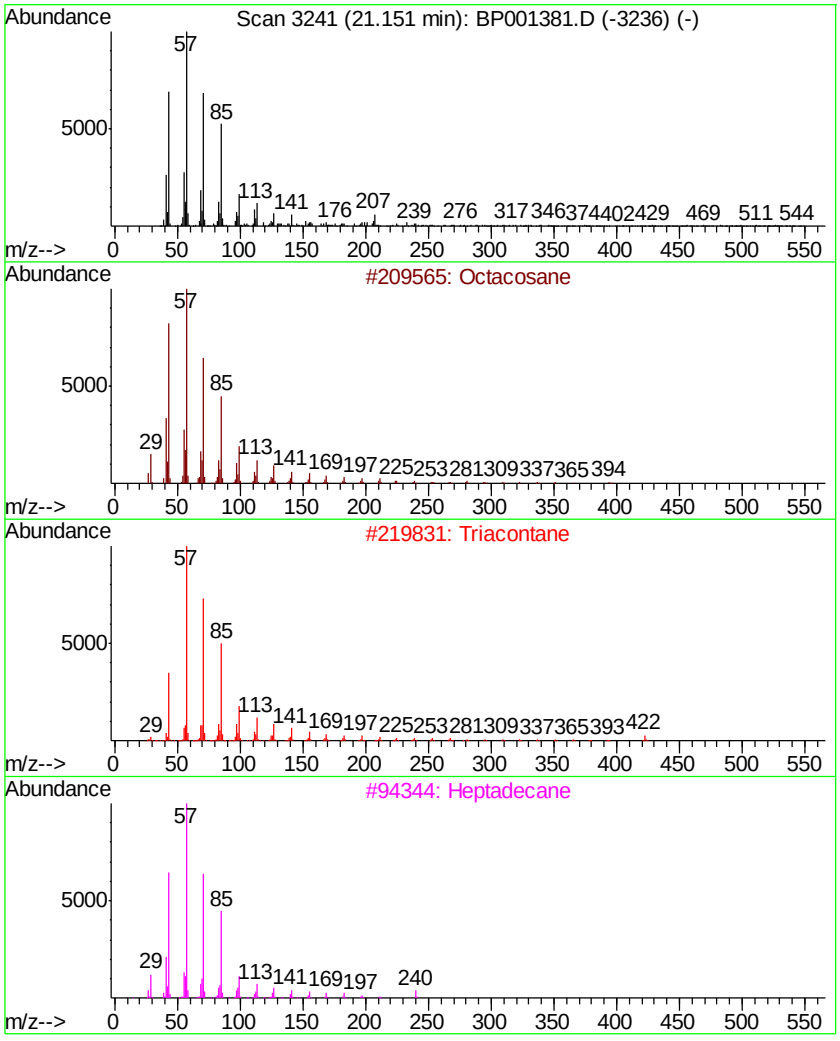
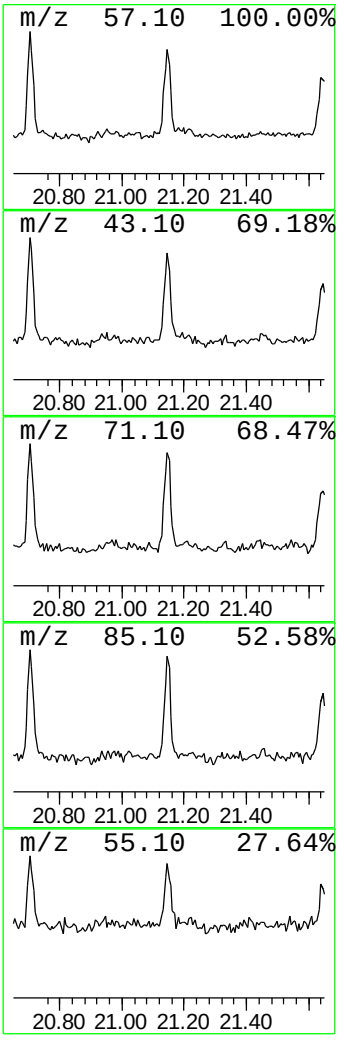
Peak Number 10 Triacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	5.84 ng	114102	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Triacontane	422	C30H62	000638-68-6	93
3	Heptadecane	240	C17H36	000629-78-7	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Octadecane	254	C18H38	000593-45-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001381.D
Acq On : 23 Dec 2019 22:07
Operator : JU
Sample : K6372-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FIELD-BLANK

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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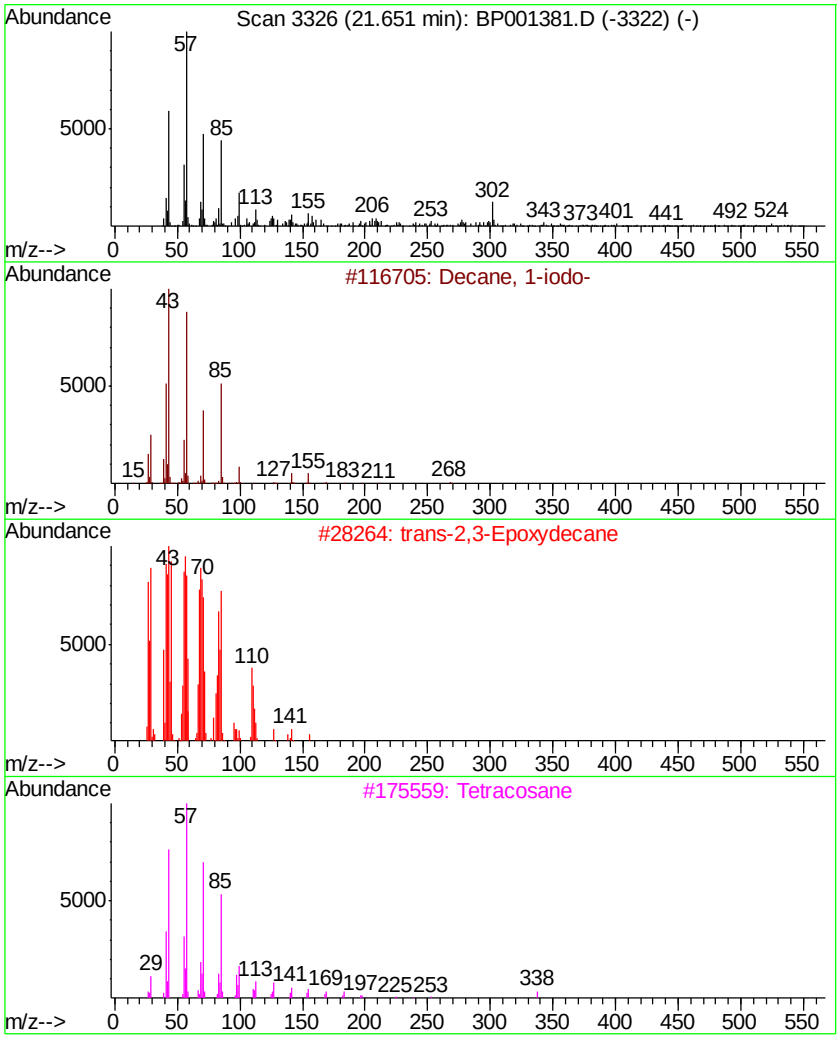
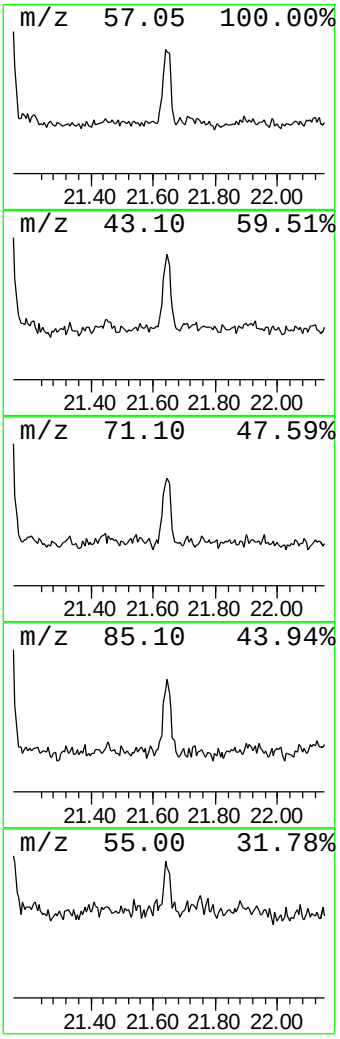
Peak Number 11 Decane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	4.66 ng	91036	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	68
2	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	64
3	Tetracosane	338	C24H50	000646-31-1	64
4	Heneicosane	296	C21H44	000629-94-7	60
5	Hexatriacontane	507	C36H74	000630-06-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122319\
Data File : BP001381.D
Acq On : 23 Dec 2019 22:07
Operator : JU
Sample : K6372-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FIELD-BLANK

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...	5.61	5.2	ng	104977	1	8.30	401775	20.0
unknown7.95	7.95	84.3	ng	1694050	1	8.30	401775	20.0
Tridecanoic acid	16.49	2.8	ng	79755	4	15.60	565437	20.0
1-Nonadecene	19.13	7.5	ng	166772	5	19.26	441545	20.0
Hexatriacontane	19.55	2.2	ng	48919	5	19.26	441545	20.0
Docosane, 11-butyl-	19.93	3.7	ng	80832	5	19.26	441545	20.0
Docosane	20.31	5.5	ng	108234	6	21.03	390593	20.0
Octacosane	20.70	5.7	ng	110260	6	21.03	390593	20.0
Triacontane	21.15	5.8	ng	114102	6	21.03	390593	20.0
Decane, 1-iodo-	21.65	4.7	ng	91036	6	21.03	390593	20.0