LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001055.D
Acq On : 15 Nov 2019 22:56
Operator : JU
Sample : K5832-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6-(12-15)

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-BP110619.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	2.328	35	41	48	rVB	360830	538696	8.25%	1.169%
2	5.734	612	620	634	rBV	339405	526578	8.06%	1.143%
3	6.305	710	717	721	rBV	2579268	3175123	48.60%	6.890%
4	7.810	966	973	981	rBV	2621982	3450332	52.81%	7.488%
5	8.005	1000	1006	1011	rBV	2955416	3643630	55.77%	7.907%
6	8.363	1062	1067	1073	rVB	910329	1061481	16.25%	2.304%
7	8.604	1102	1108	1113	rBV	2519309	2987793	45.73%	6.484%
8	9.240	1209	1216	1220	rBV	1835414	2159827	33.06%	4.687%
9	10.393	1406	1412	1417	rBV	1193638	1345806	20.60%	2.921%
10	12.169	1706	1714	1719	rBV	4122446	4895954	74.94%	10.625%
11	12.834	1821	1827	1835	rBV	589293	662272	10.14%	1.437%
12	13.251	1891	1898	1904	rBV	1468039	1743680	26.69%	3.784%
13	14.545	2111	2118	2135	rBV	3076357	3867887	59.20%	8.394%
14	15.645	2300	2305	2316	rVB	1782617	1991624	30.48%	4.322%
15	16.528	2448	2455	2467	rBV	272142	368627	5.64%	0.800%
16	17.610	2635	2639	2648	rBV	82984	115568	1.77%	0.251%
17	17.922	2686	2692	2696	rBV	5632090	6533496	100.00%	14.179%
18	19.157	2898	2902	2917	rBV	290089	617015	9.44%	1.339%
19	19.280	2918	2923	2927	rVV	2105175	2180295	33.37%	4.732%
20	19.569	2968	2972	2976	rBV	99638	111659	1.71%	0.242%
21	19.957	3035	3038	3042	rBV	148433	160176	2.45%	0.348%
22	20.333	3098	3102	3109	rBV	213464	239409	3.66%	0.520%
23	20.422	3113	3117	3122	rBV	162835	191655	2.93%	0.416%
24	20.733	3166	3170	3178	rBV	227071	293940	4.50%	0.638%
25	21.063	3219	3226	3233	rVB	1599595	2211693	33.85%	4.800%
26	21.180	3241	3246	3251	rVB	207224	293723	4.50%	0.637%
27	21.686	3326	3332	3338	rBV	164876	276749	4.24%	0.601%
28	21.769	3342	3346	3353	rBV6	39694	106933	1.64%	0.232%
29	22.268	3425	3431	3438	rVB2	101199	202897	3.11%	0.440%
30	22.951	3542	3547	3554	rVB2	56196	125444	1.92%	0.272%

Sum of corrected areas: 46079962

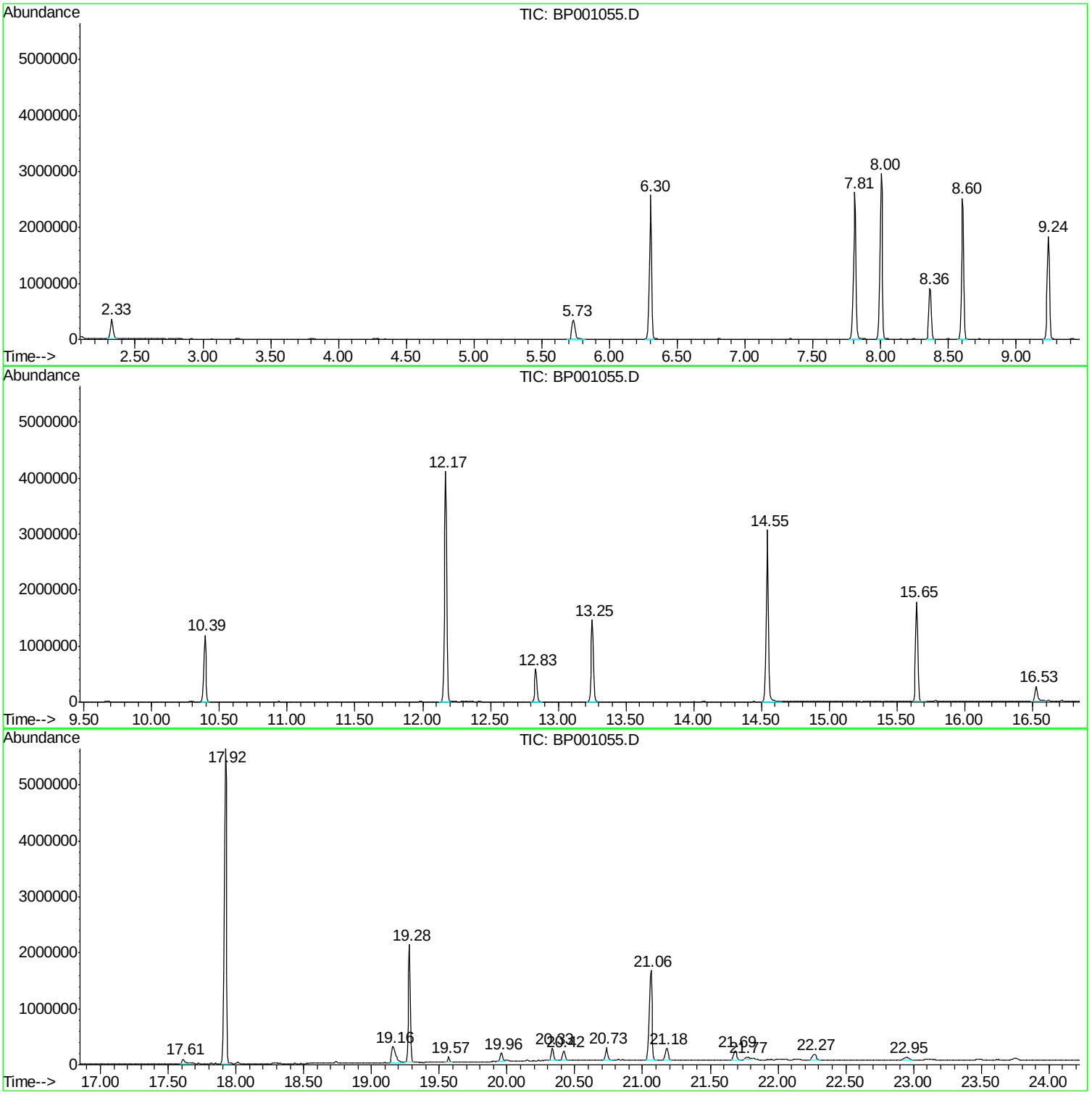
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001055.D
Acq On : 15 Nov 2019 22:56
Operator : JU
Sample : K5832-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6-(12-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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 : BP001055.D
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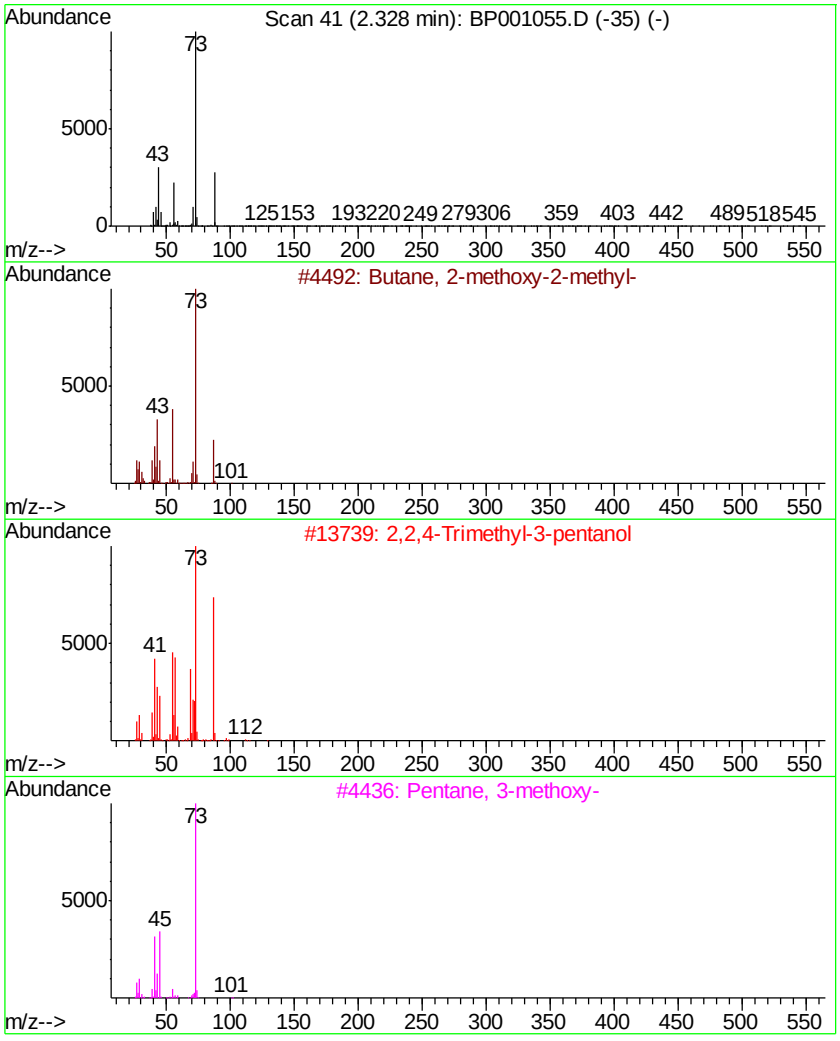
TIC Integration Parameters: LSCINT.P

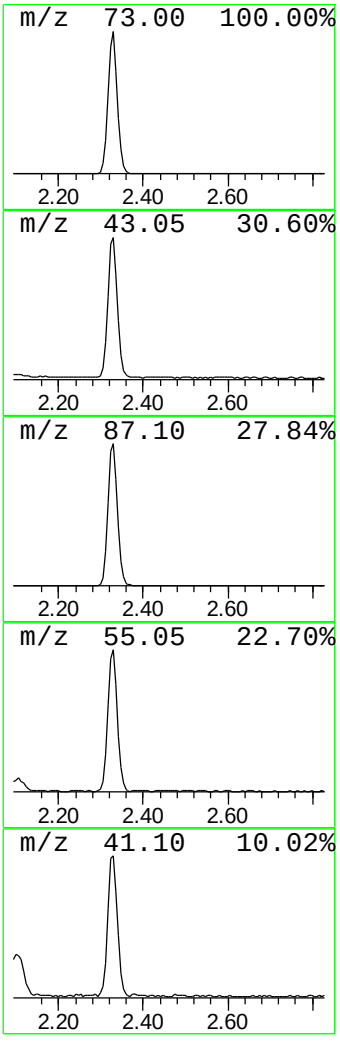
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	10.15 ng	538696	1,4-Dichlorobenzene-d4	8.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Data File : BP001055.D
Acq On : 15 Nov 2019 22:56
Operator : JU
Sample : K5832-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6-(12-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

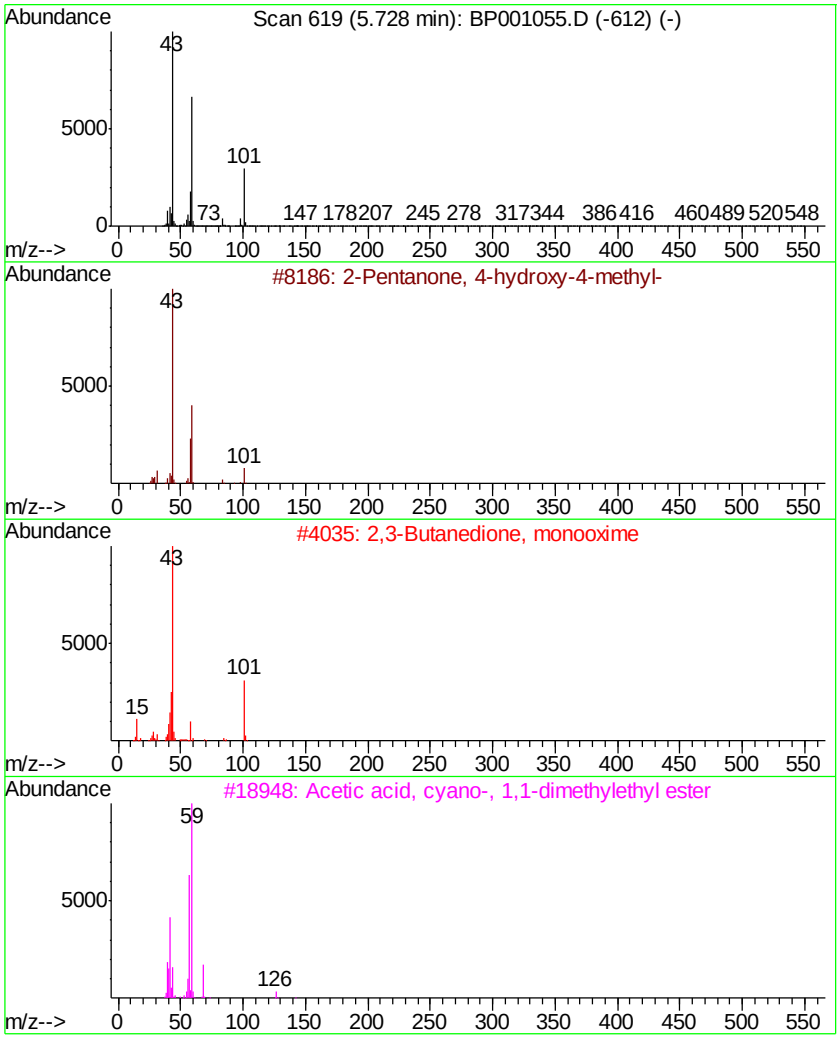
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

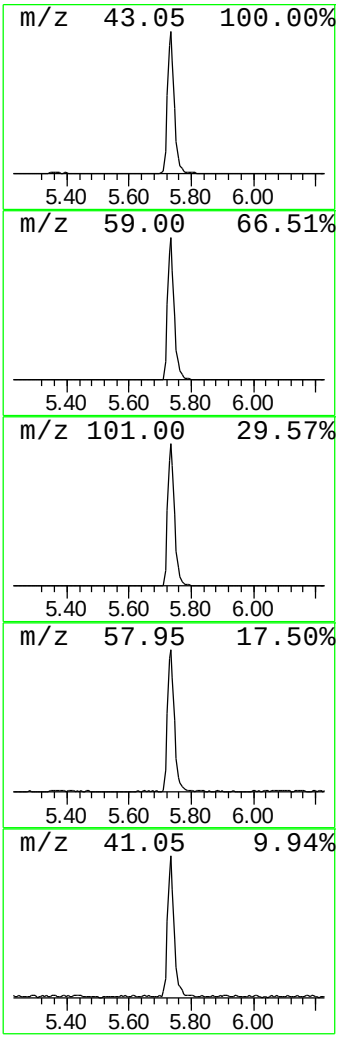
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	9.92 ng	526578	1,4-Dichlorobenzene-d4	8.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BP001055.D
Acq On : 15 Nov 2019 22:56
Operator : JU
Sample : K5832-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6-(12-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

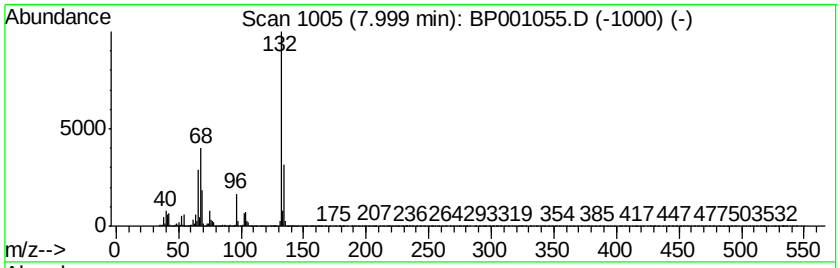
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

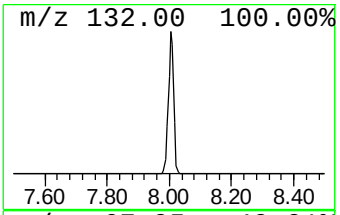
****

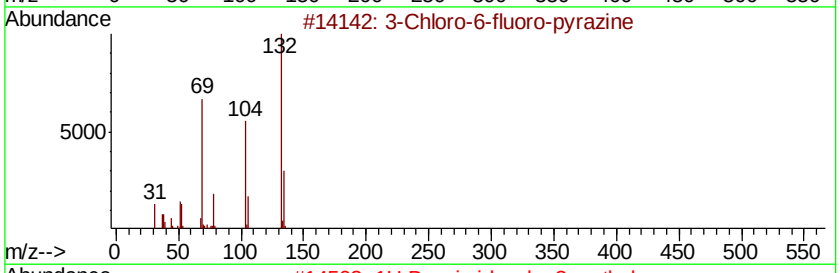
Peak Number 3 unknown8.00 Concentration Rank 1

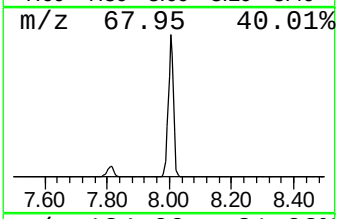
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	68.65 ng	3643630	1,4-Dichlorobenzene-d4	8.37

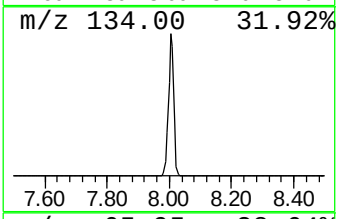
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10

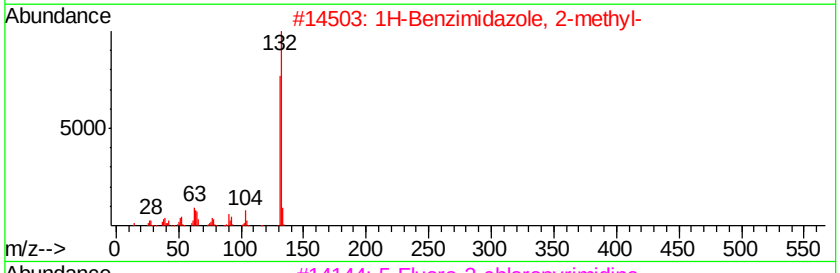


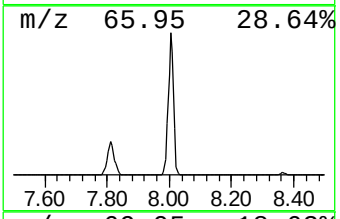


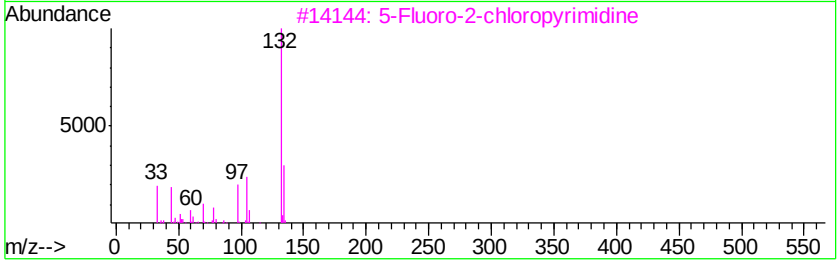


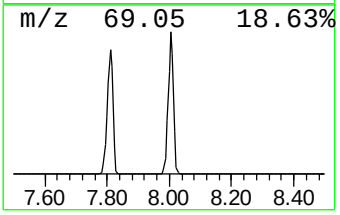












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001055.D
Acq On : 15 Nov 2019 22:56
Operator : JU
Sample : K5832-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6-(12-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

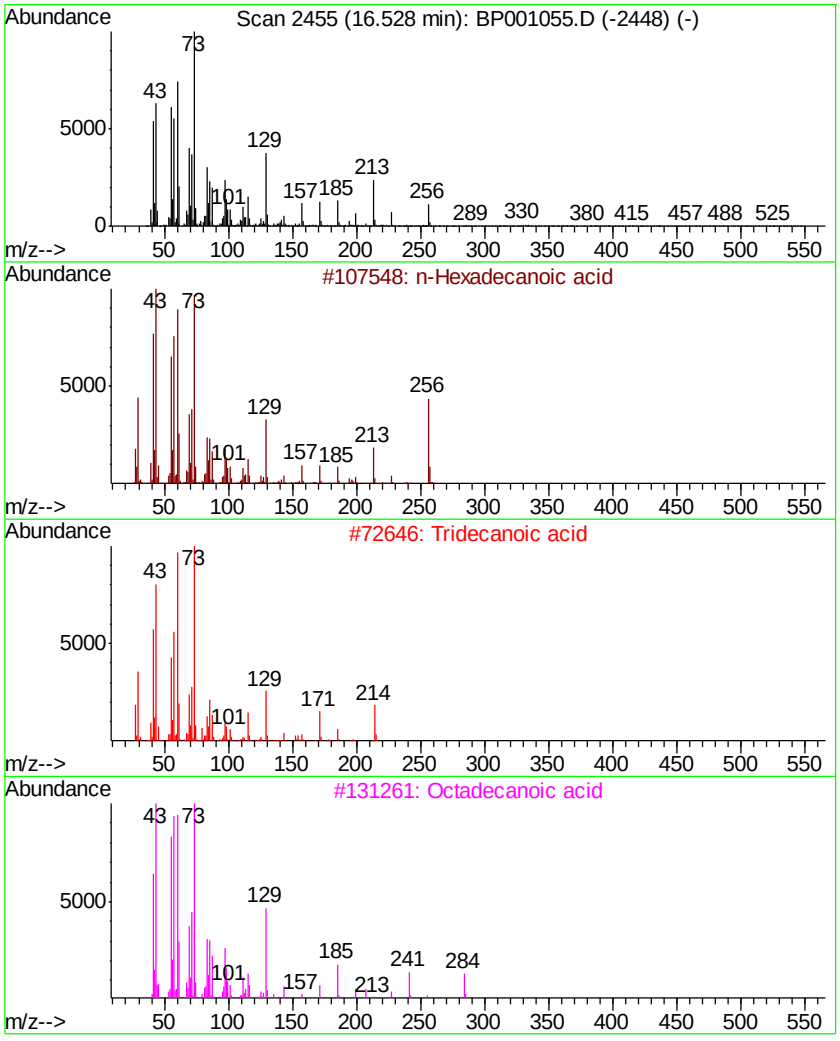
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

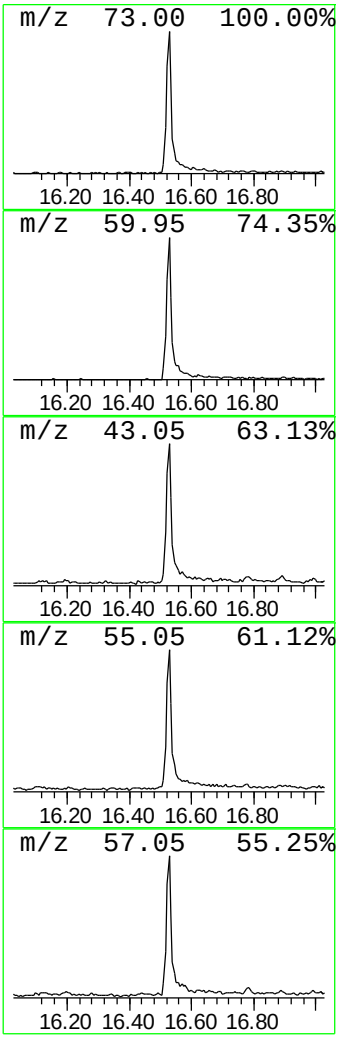
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	3.70 ng	368627	Phenanthrene-d10	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Instrument : BNA_P
ClientSampleId : 6-(12-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

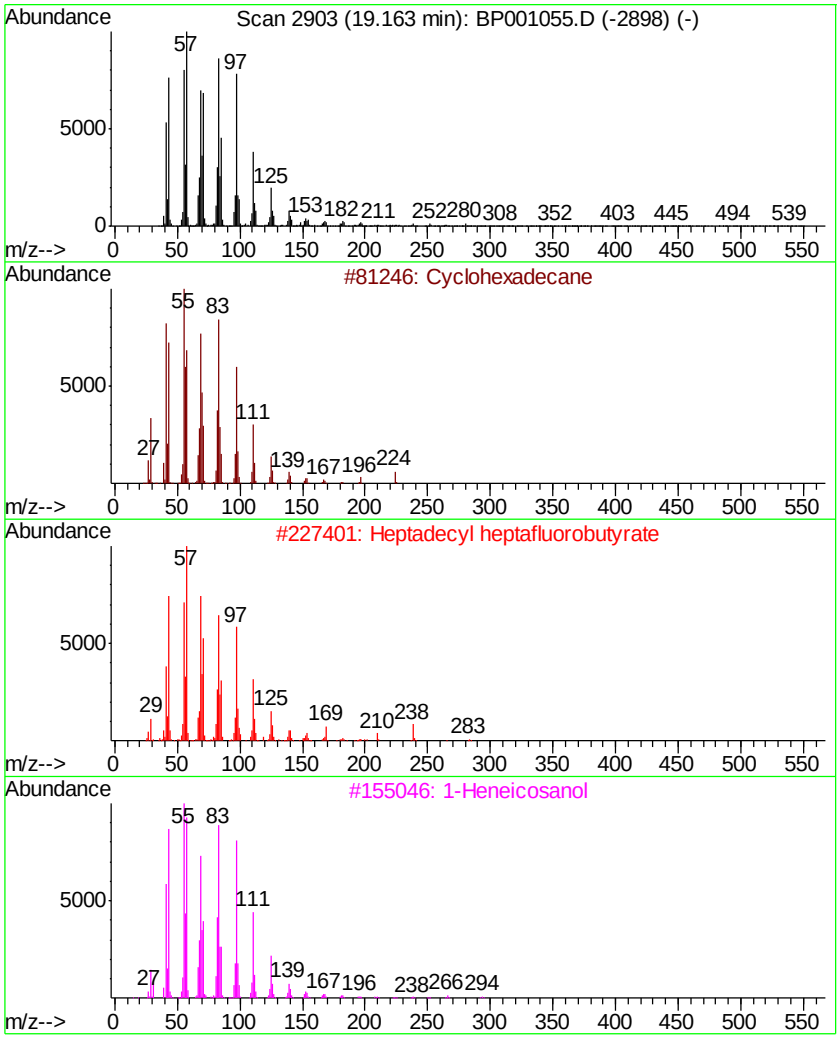
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

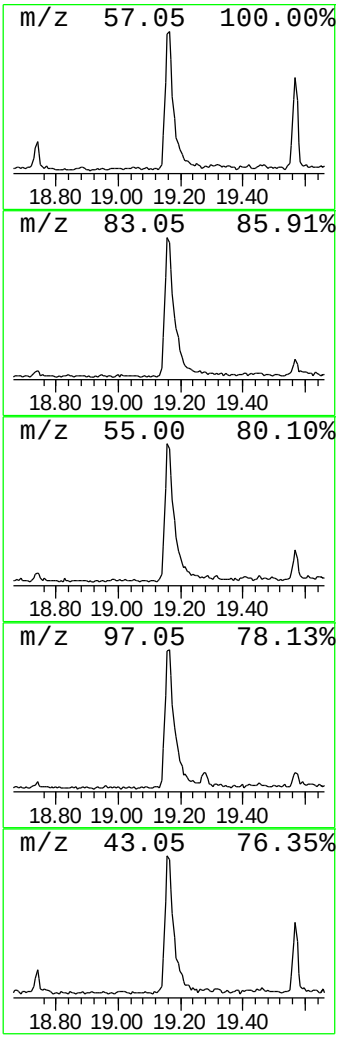
****

Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	5.66 ng	617015	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





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Data File : BP001055.D
Acq On : 15 Nov 2019 22:56
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Sample : K5832-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6-(12-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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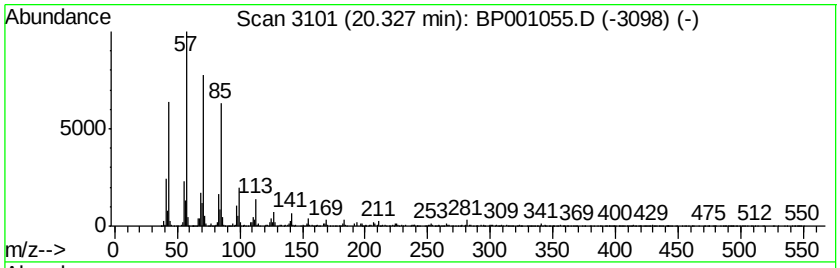
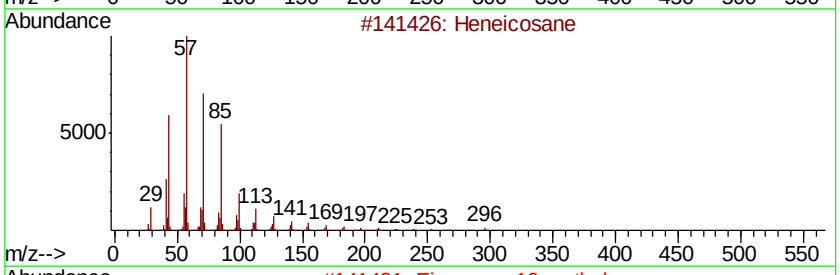
****

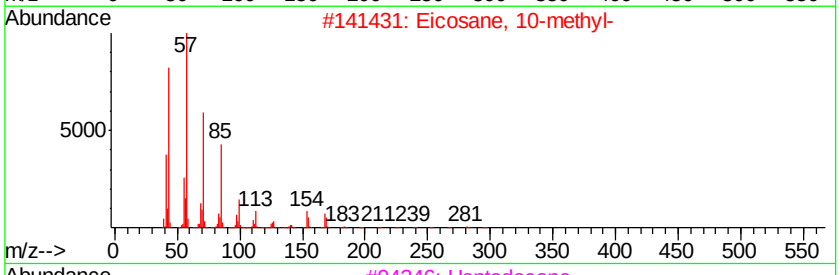
Peak Number 7 Heneicosane Concentration Rank 10

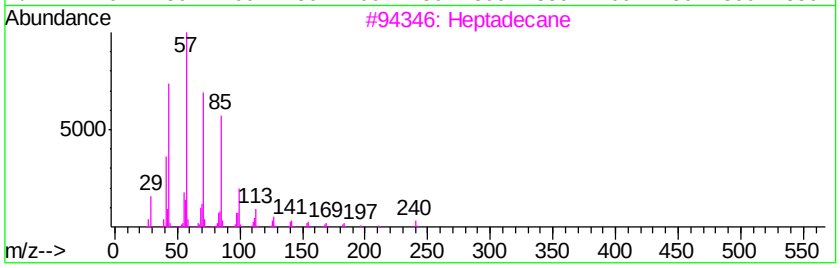
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	2.16 ng	239409	Perylene-d12	21.06

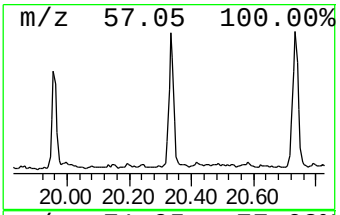
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Hexatriacontane	507	C36H74	000630-06-8	93
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93

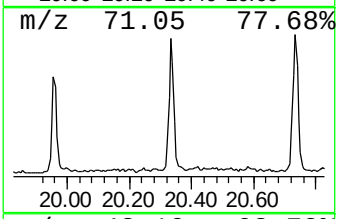


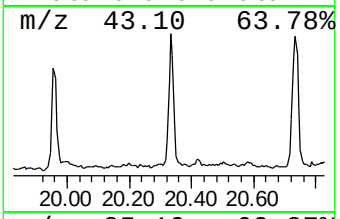


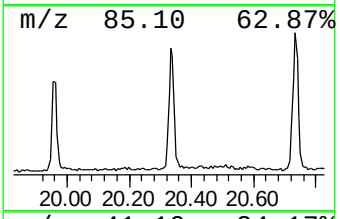


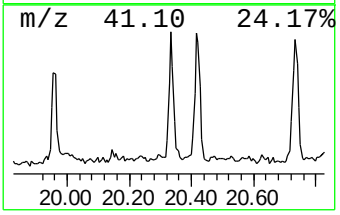












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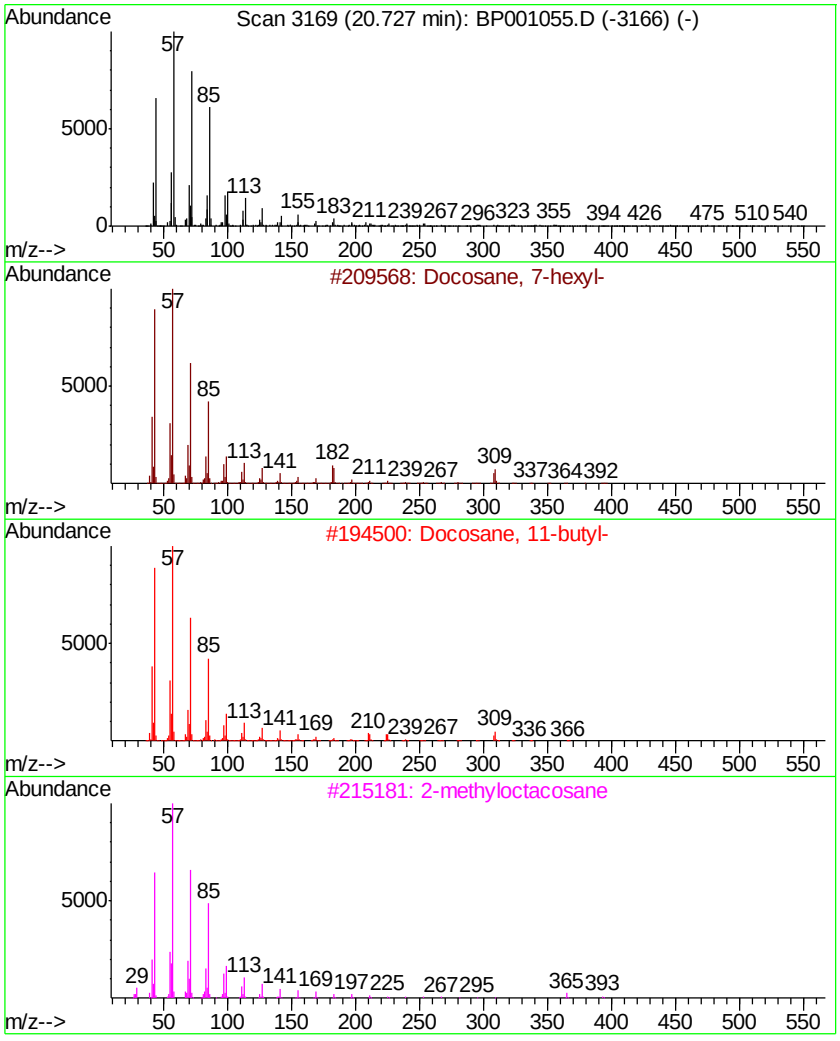
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

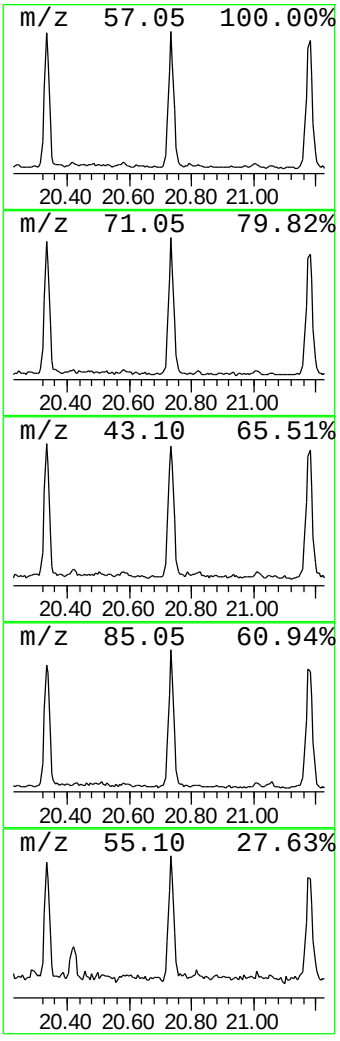
****

Peak Number 8 Docosane, 7-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	2.66 ng	293940	Perylene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	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





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Acq On : 15 Nov 2019 22:56
Operator : JU
Sample : K5832-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6-(12-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

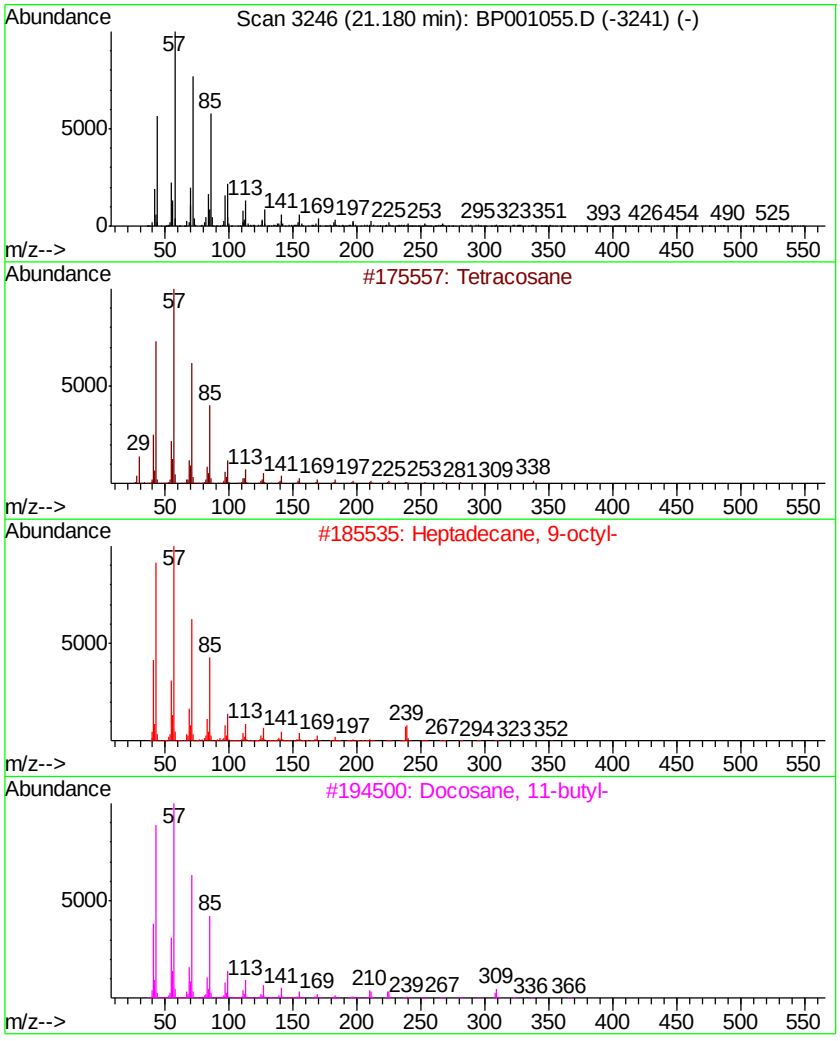
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

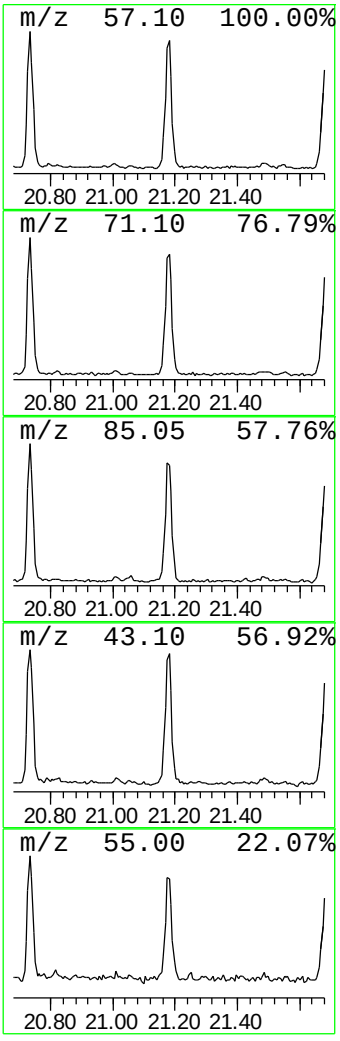
****

Peak Number 9 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	2.66 ng	293723	Perylene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001055.D
Acq On : 15 Nov 2019 22:56
Operator : JU
Sample : K5832-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6-(12-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

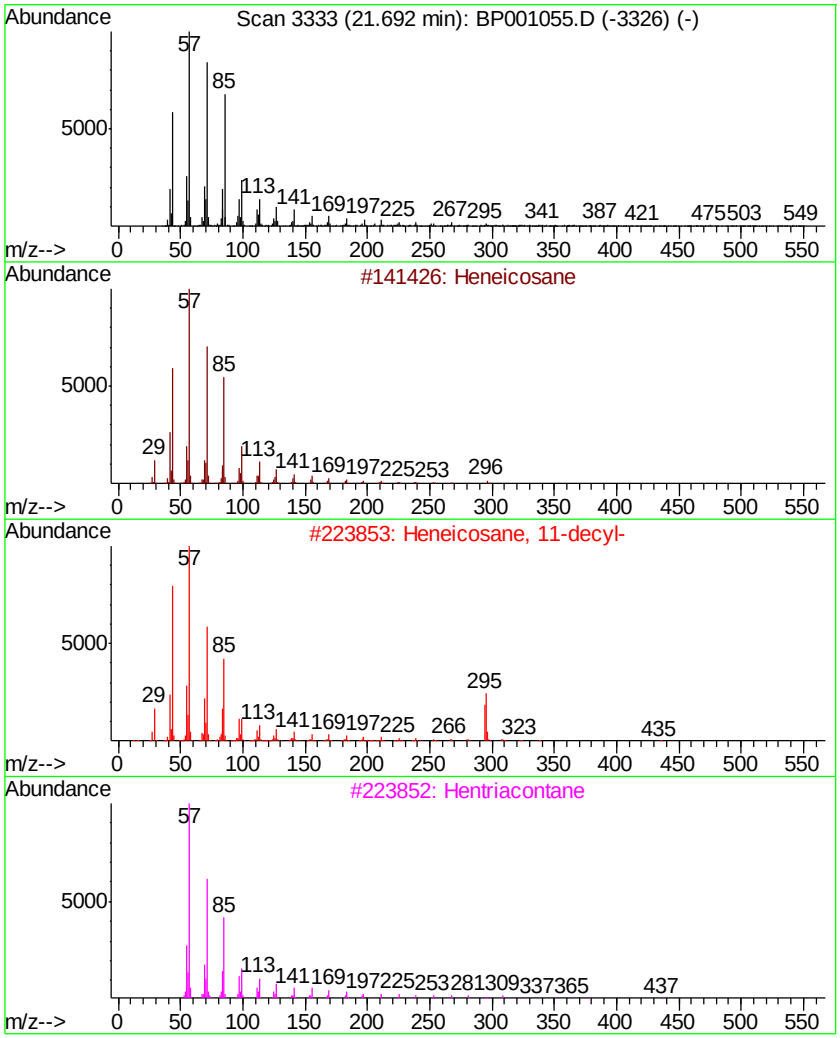
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

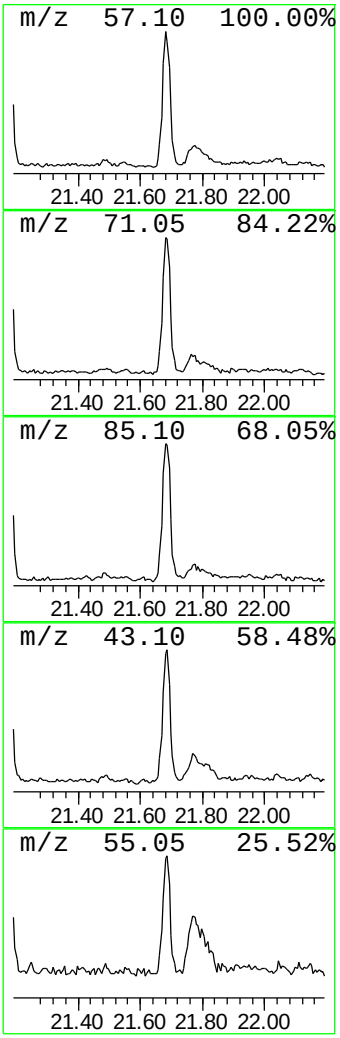
****

Peak Number 10 Heneicosane, 11-decyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.50 ng	276749	Perylene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Nonacosane	408	C29H60	000630-03-5	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP111519\
Data File : BP001055.D
Acq On : 15 Nov 2019 22:56
Operator : JU
Sample : K5832-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6-(12-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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
Butane, 2-methoxy...	2.33	10.2	ng	538696	1	8.37	1061480	20.0
2-Pentanone, 4-hy...	5.73	9.9	ng	526578	1	8.37	1061480	20.0
unknown8.00	8.00	68.7	ng	3643630	1	8.37	1061480	20.0
n-Hexadecanoic acid	16.53	3.7	ng	368627	4	15.65	1991620	20.0
Cyclohexadecane	19.16	5.7	ng	617015	5	19.28	2180300	20.0
Heneicosane	20.33	2.2	ng	239409	6	21.06	2211690	20.0
Docosane, 7-hexyl-	20.73	2.7	ng	293940	6	21.06	2211690	20.0
Tetracosane	21.18	2.7	ng	293723	6	21.06	2211690	20.0
Heneicosane, 11-d...	21.69	2.5	ng	276749	6	21.06	2211690	20.0