LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018717.D
Acq On : 04 Feb 2019 14:11
Operator : JU/SJ
Sample : K1361-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-03-006-ABCD

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_M\METHODS\8270-BM010919.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	4.869	298	303	311	rBV	196822	296841	2.73%	0.427%
2	5.310	371	378	393	rBV	4228914	5999260	55.12%	8.625%
3	6.892	640	647	662	rBV	4069689	6403913	58.84%	9.207%
4	7.251	701	708	718	rBV	4449237	6847653	62.92%	9.845%
5	7.716	781	787	795	rBV	763733	1208541	11.10%	1.738%
6	8.034	834	841	853	rVB	3373782	5372140	49.36%	7.724%
7	8.886	979	986	1001	rBV	2320227	3902659	35.86%	5.611%
8	10.510	1254	1262	1273	rBV	880180	1498378	13.77%	2.154%
9	12.980	1675	1682	1695	rBV	5657350	8652007	79.50%	12.439%
10	13.833	1821	1827	1837	rBV	260380	410856	3.78%	0.591%
11	14.368	1910	1918	1930	rBV2	1170074	1802161	16.56%	2.591%
12	15.862	2165	2172	2189	rBV	4394131	6150696	56.51%	8.843%
13	17.121	2379	2386	2394	rBV2	1331605	2007385	18.44%	2.886%
14	18.003	2531	2536	2547	rBV	386486	565635	5.20%	0.813%
15	19.292	2750	2755	2762	rBV	118286	178165	1.64%	0.256%
16	19.750	2827	2833	2841	rBV	9205805	10883469	100.00%	15.647%
17	21.009	3043	3047	3056	rBV	763532	948980	8.72%	1.364%
18	21.309	3093	3098	3108	rBV	1920457	2520317	23.16%	3.623%
19	21.450	3119	3122	3127	rVB2	127119	146539	1.35%	0.211%
20	21.880	3192	3195	3198	rBV2	187985	229710	2.11%	0.330%
21	22.344	3271	3274	3280	rBV2	226598	297368	2.73%	0.428%
22	22.856	3358	3361	3366	rVB	251369	343711	3.16%	0.494%
23	23.427	3455	3458	3465	rVB2	219310	352688	3.24%	0.507%
24	23.574	3477	3483	3491	rVB2	1345369	2536146	23.30%	3.646%

Sum of corrected areas: 69555218

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018717.D
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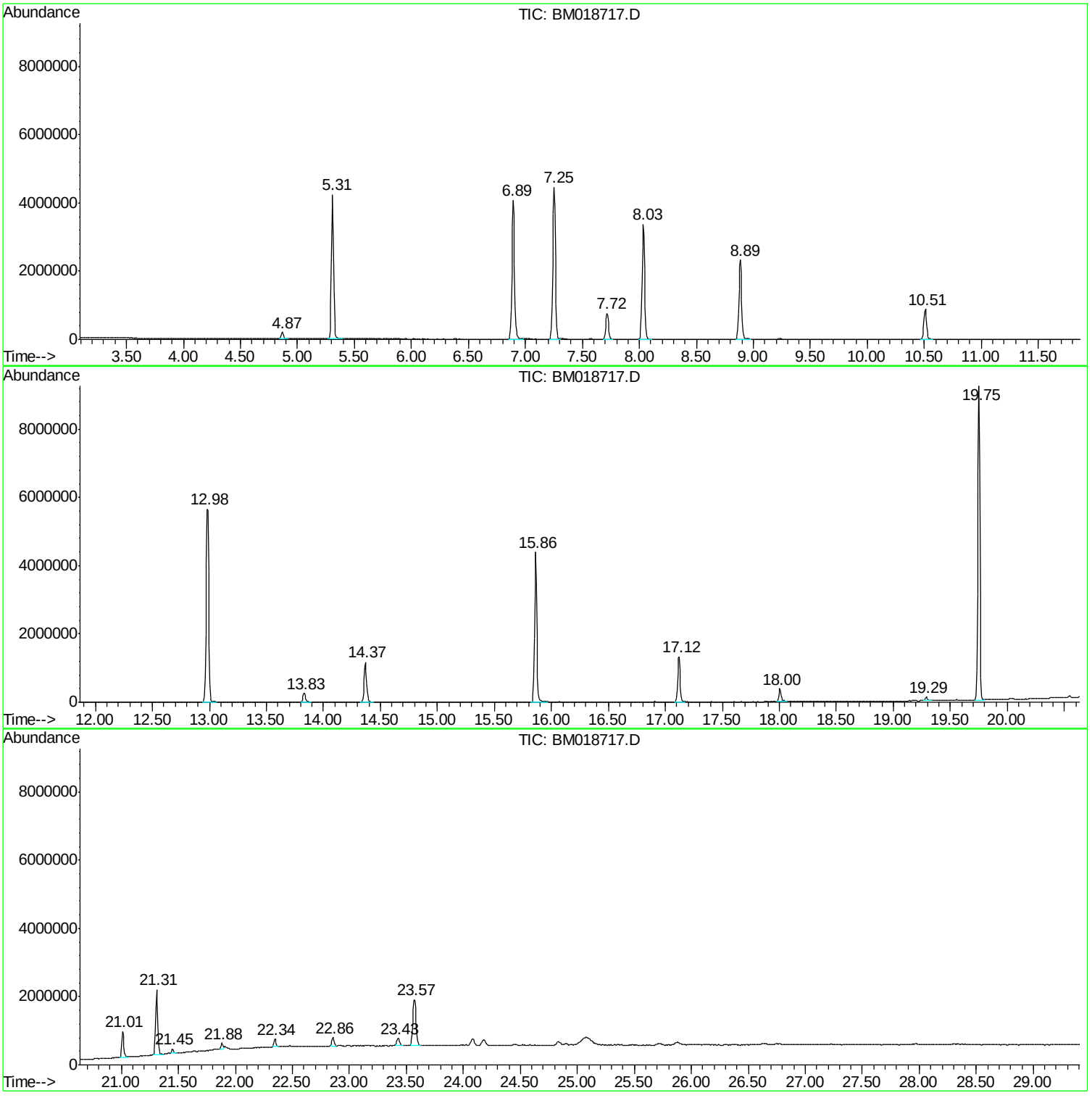
Operator : JU/SJ
Sample : K1361-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018717.D
Acq On : 04 Feb 2019 14:11
Operator : JU/SJ
Sample : K1361-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-03-006-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

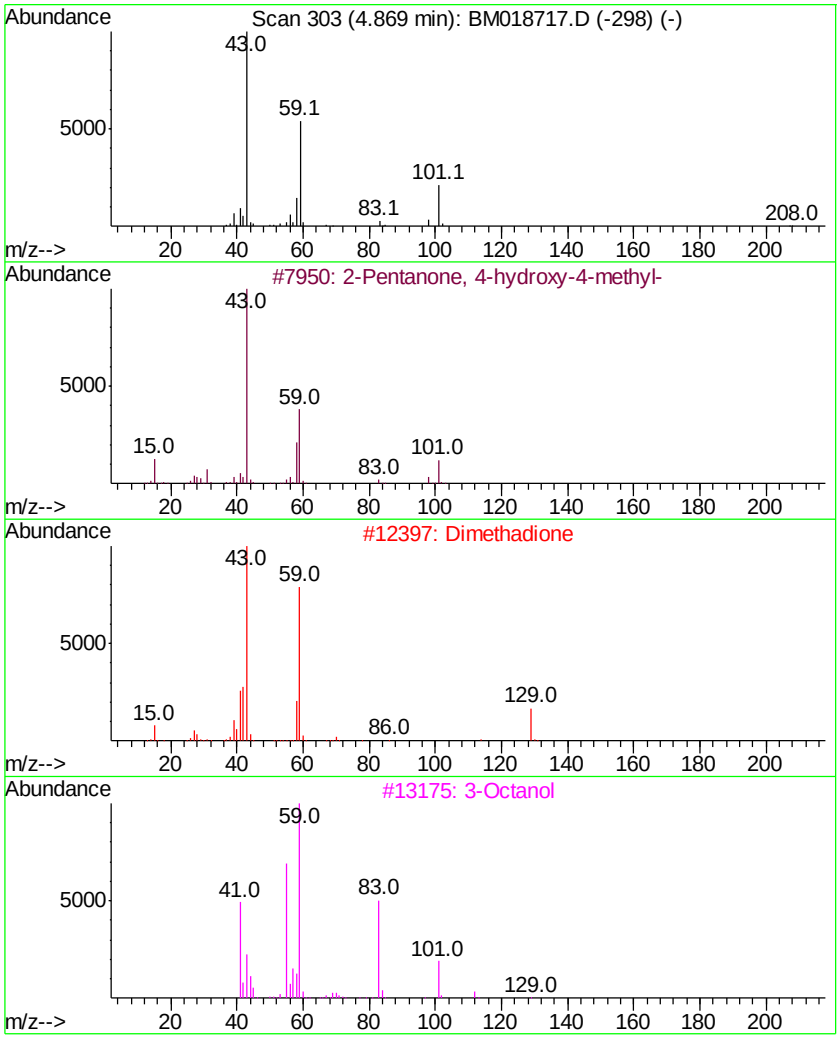
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

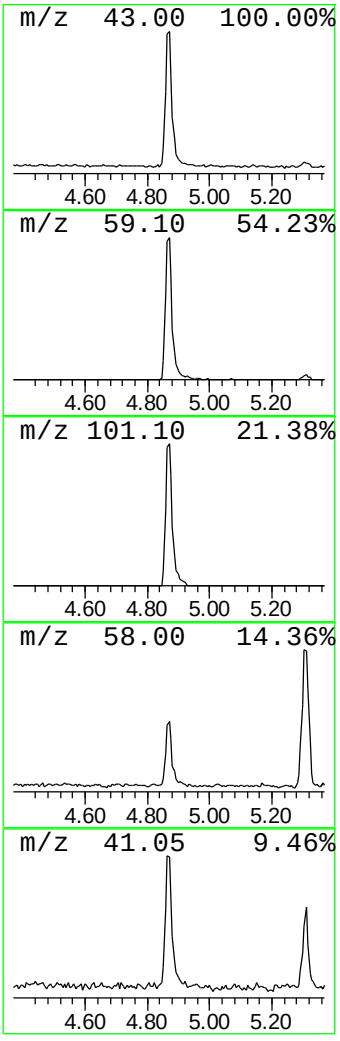
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	4.91 ng	296841	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Dimethadione	129	C5H7NO3	000695-53-4	40
3	3-Octanol	130	C8H18O	020296-29-1	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Library Search Compound Report

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Sample : K1361-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-03-006-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

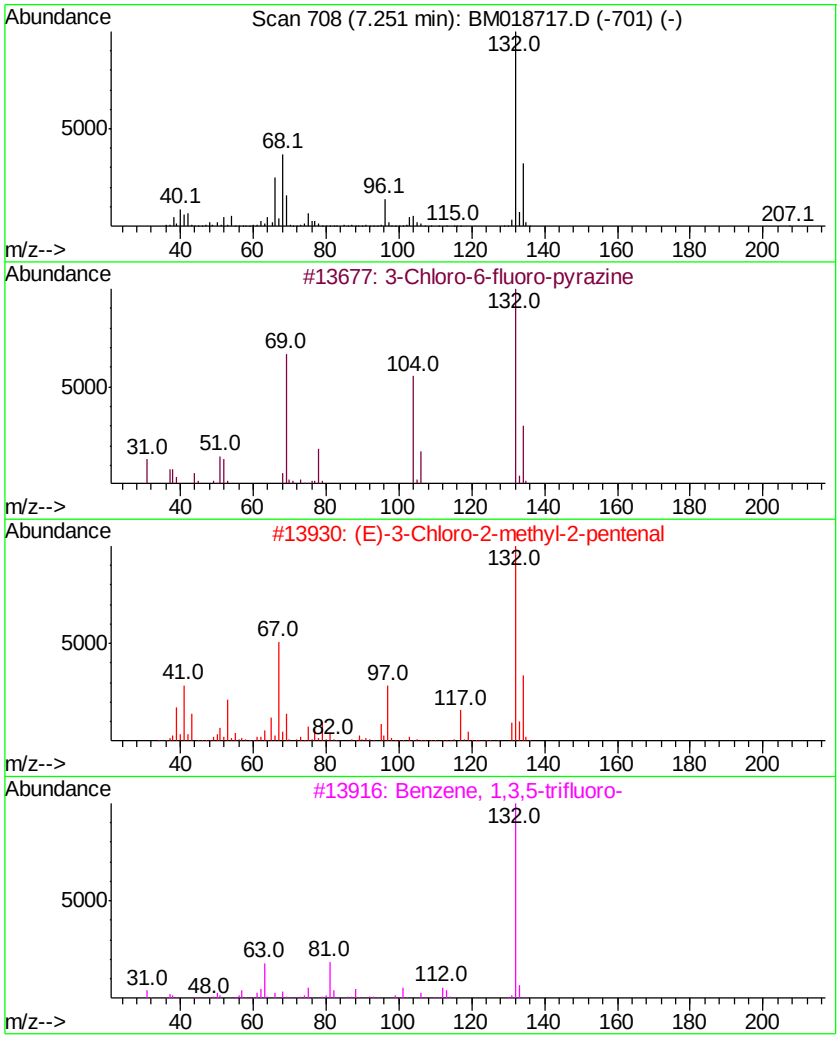
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

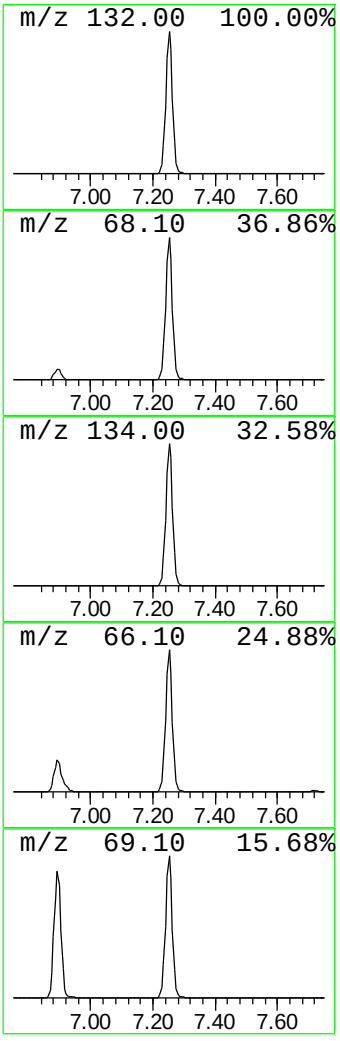
****

Peak Number 2 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	113.32 ng	6847650	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Data File : BM018717.D
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Operator : JU/SJ
Sample : K1361-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-03-006-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

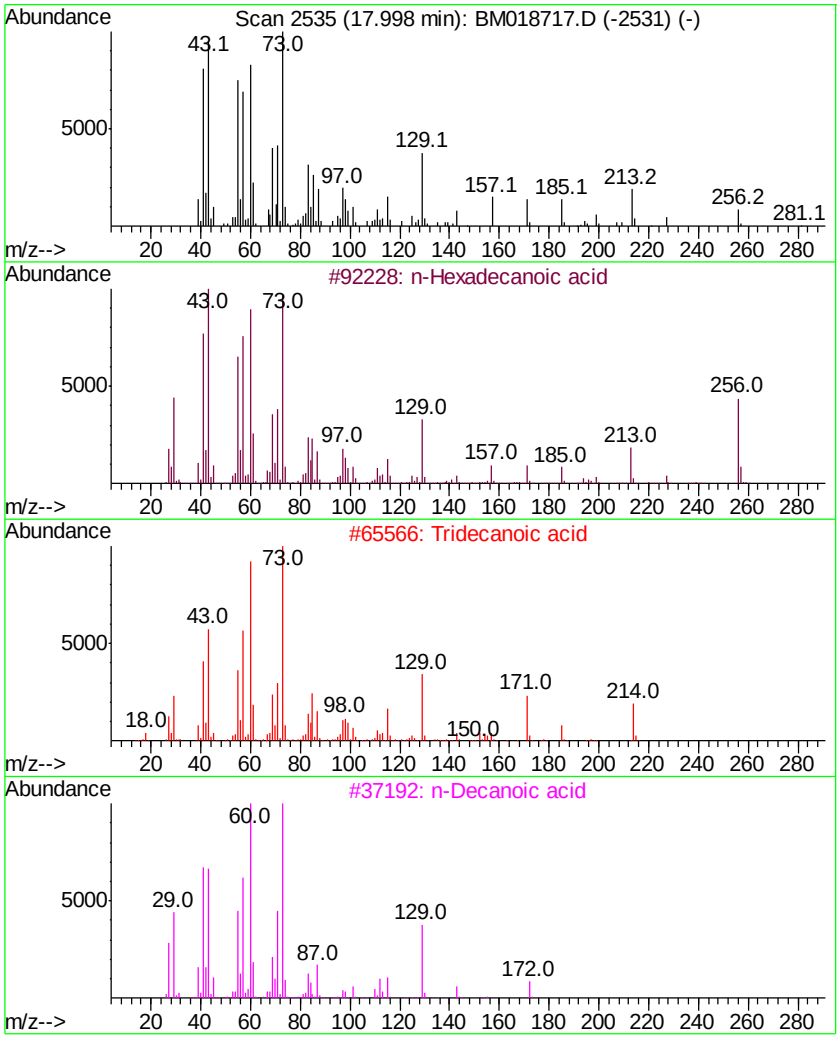
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

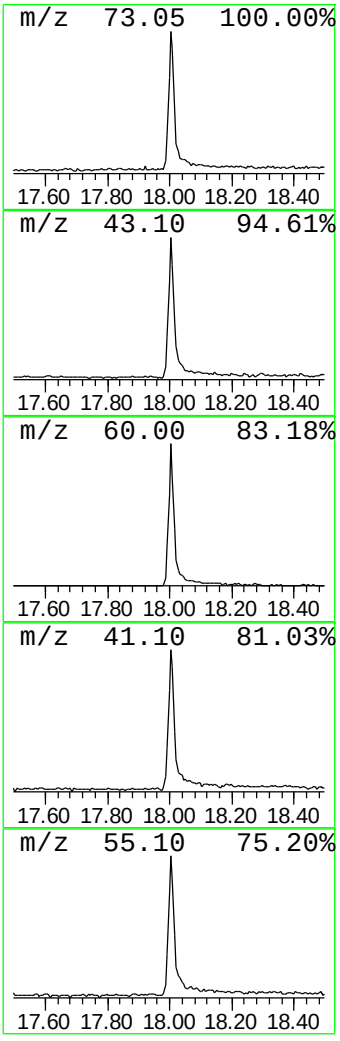
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	5.64 ng	565635	Phenanthrene-d10	17.12

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	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018717.D
Acq On : 04 Feb 2019 14:11
Operator : JU/SJ
Sample : K1361-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-03-006-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

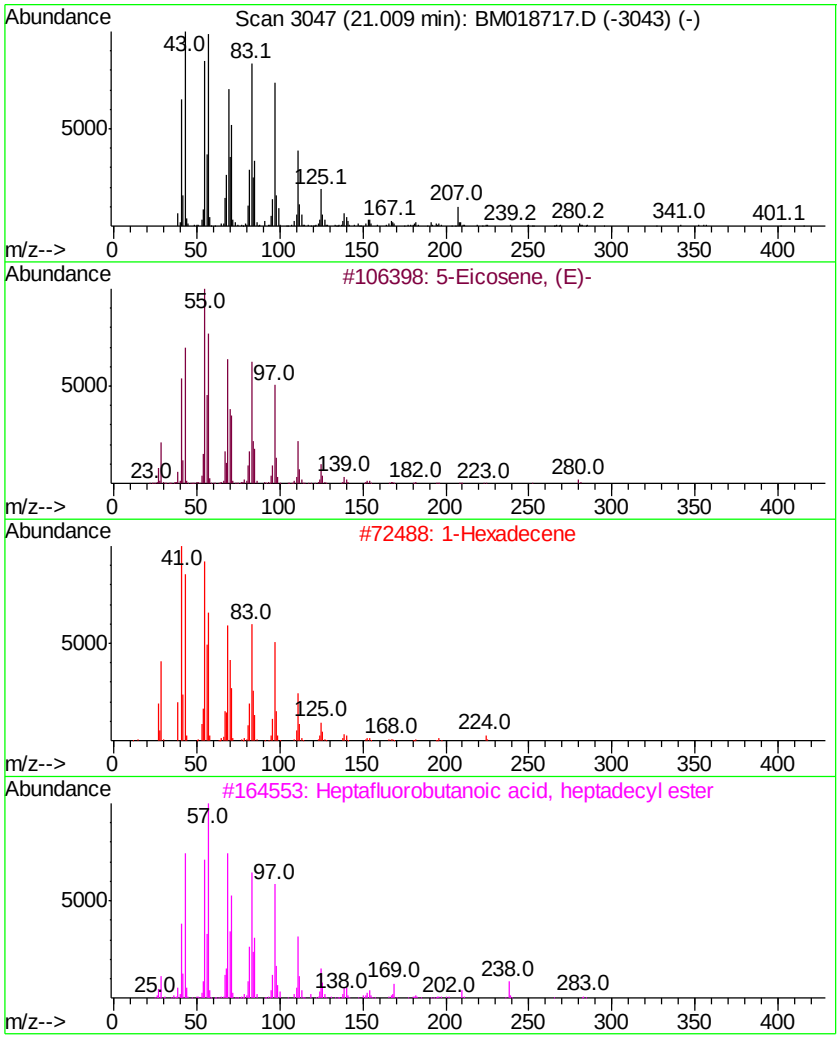
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

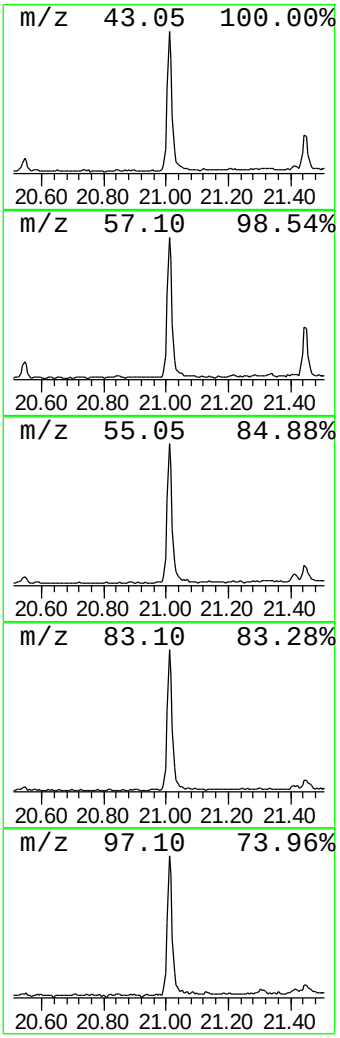
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	7.53 ng	948980	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Hexadecene	224	C16H32	000629-73-2	95
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-03-006-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

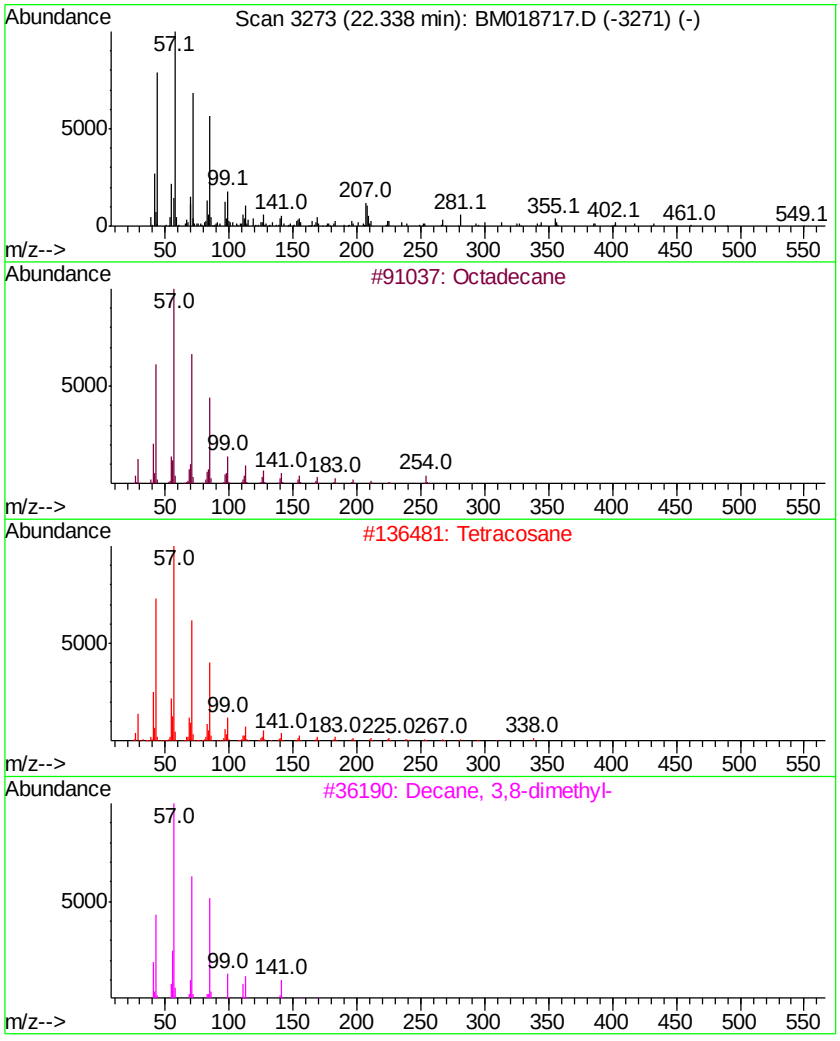
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

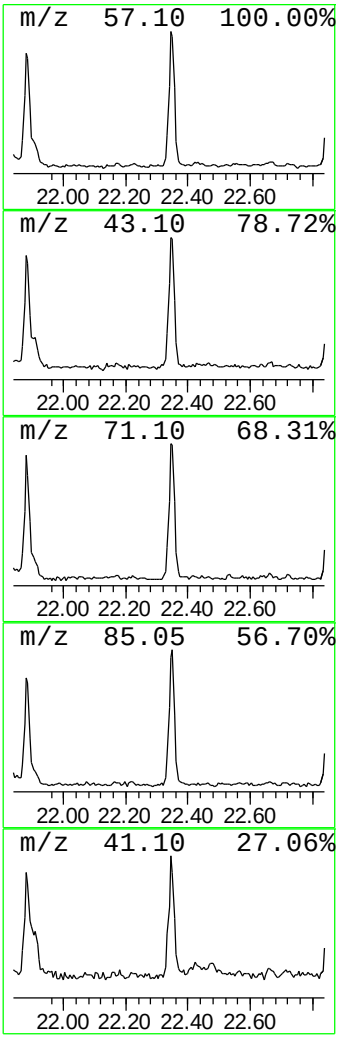
****

Peak Number 6 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.36 ng	297368	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Tetracosane	338	C24H50	000646-31-1	87
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
4	Docosane	310	C22H46	000629-97-0	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-03-006-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

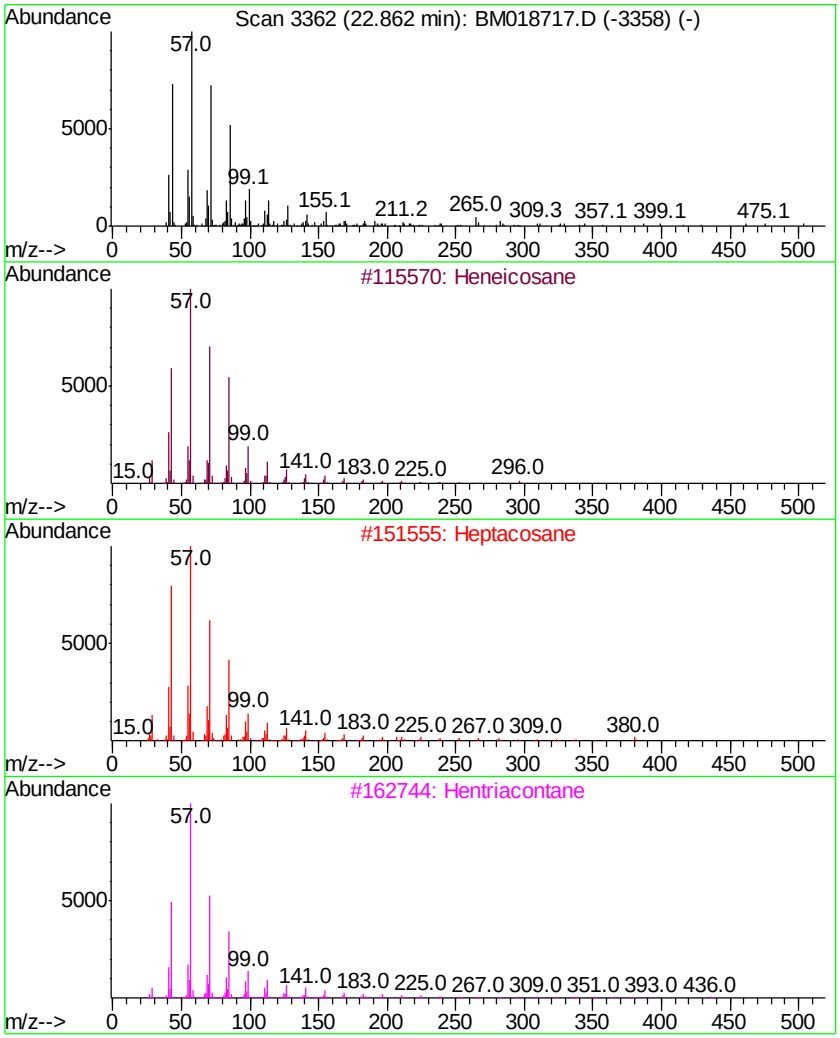
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

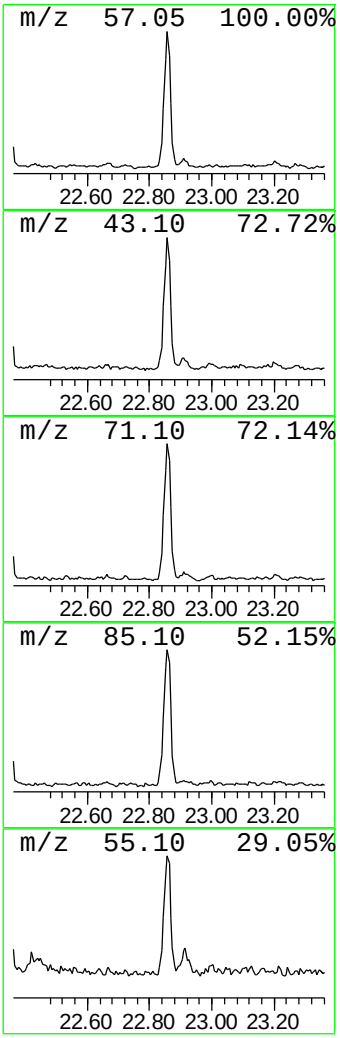
****

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.71 ng	343711	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Instrument : BNA_M
ClientSampleId : FK-BPM-03-006-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

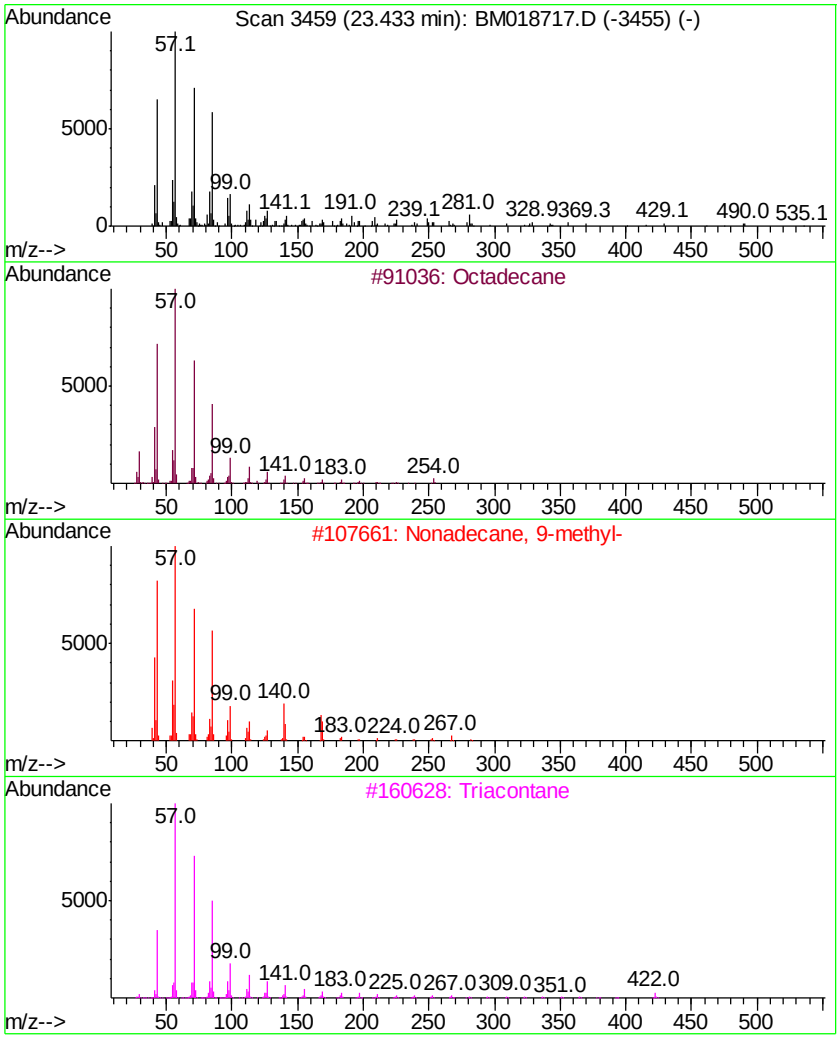
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

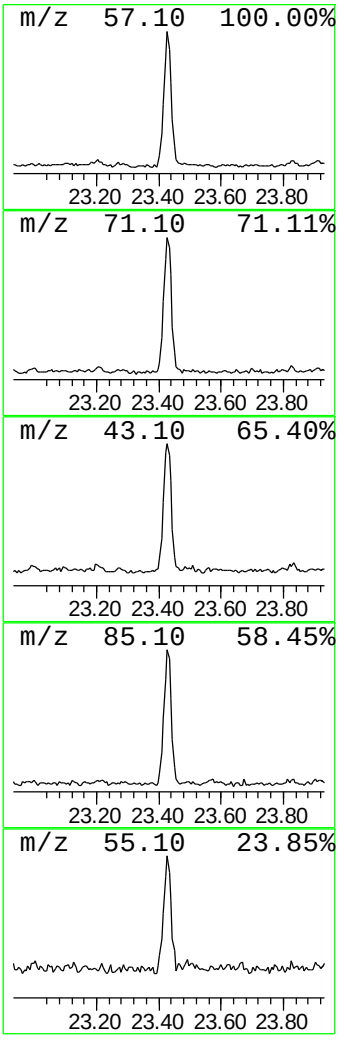
****

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.43	2.78 ng	352688	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Triacontane	422	C30H62	000638-68-6	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Tentatively Identified Compound (LSC) summary

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Data File : BM018717.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.87	4.9	ng	296841	1	7.72	1208540	20.0
unknown7.25	7.25	113.3	ng	6847650	1	7.72	1208540	20.0
n-Hexadecanoic acid	18.00	5.6	ng	565635	4	17.12	2007390	20.0
5-Eicosene, (E)-	21.01	7.5	ng	948980	5	21.31	2520320	20.0
Octadecane	22.34	2.4	ng	297368	5	21.31	2520320	20.0
Heneicosane	22.86	2.7	ng	343711	6	23.57	2536150	20.0
Nonadecane, 9-met...	23.43	2.8	ng	352688	6	23.57	2536150	20.0