LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119354.D
Acq On : 11 Mar 2020 19:10
Operator : CG/JU
Sample : L1871-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-18-SA

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_F\METHODS\8270-BF022020.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	4.916	478	481	498	rVB	261429	428941	9.50%	1.580%
2	5.351	551	555	581	rBV	2114433	2598732	57.56%	9.570%
3	6.375	725	729	757	rBV	2482651	2637861	58.42%	9.714%
4	6.716	784	787	798	rBV	593606	549738	12.18%	2.024%
5	6.875	810	814	829	rBV	2430436	2315924	51.29%	8.528%
6	7.286	880	884	907	rBV	1753581	1794546	39.75%	6.608%
7	7.998	1002	1005	1022	rBV	764571	727612	16.12%	2.679%
8	9.075	1184	1188	1191	rBV	4029814	3601773	79.77%	13.264%
9	9.475	1252	1256	1268	rBV	262390	267787	5.93%	0.986%
10	9.751	1299	1303	1317	rVB	1051378	920530	20.39%	3.390%
11	10.545	1434	1438	1454	rBV	2768523	2629362	58.24%	9.683%
12	11.239	1552	1556	1565	rBV	1039504	1009081	22.35%	3.716%
13	11.769	1642	1646	1660	rBV2	128185	160467	3.55%	0.591%
14	12.551	1776	1779	1793	rBV2	54574	84737	1.88%	0.312%
15	12.821	1820	1825	1828	rBV	4611761	4515044	100.00%	16.627%
16	13.715	1973	1977	1995	rBV	248764	513753	11.38%	1.892%
17	13.880	2002	2005	2014	rBV	891163	863363	19.12%	3.179%
18	14.027	2026	2030	2034	rBV	71962	74774	1.66%	0.275%
19	14.333	2078	2082	2085	rBV	107019	99807	2.21%	0.368%
20	14.627	2127	2132	2137	rBV	129606	136824	3.03%	0.504%
21	14.945	2181	2186	2190	rBV	130938	149805	3.32%	0.552%
22	15.309	2241	2248	2258	rBV2	542776	876259	19.41%	3.227%
23	15.698	2309	2314	2320	rBV	87848	124646	2.76%	0.459%
24	16.162	2388	2393	2398	rBV2	44107	73984	1.64%	0.272%

Sum of corrected areas: 27155350

LSC Report - Integrated Chromatogram

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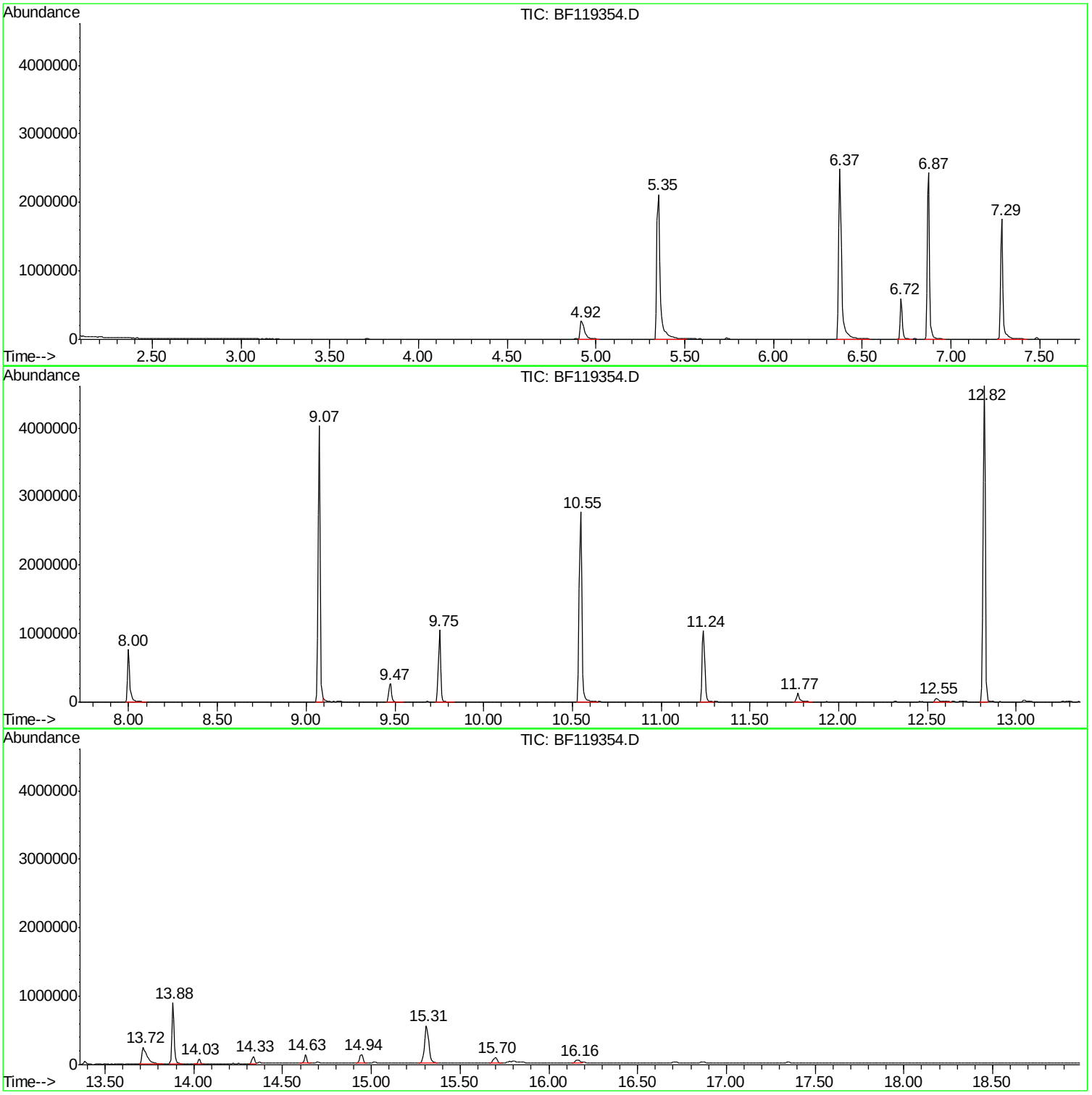
Sample : L1871-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-18-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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 : BF119354.D
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Operator : CG/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-18-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

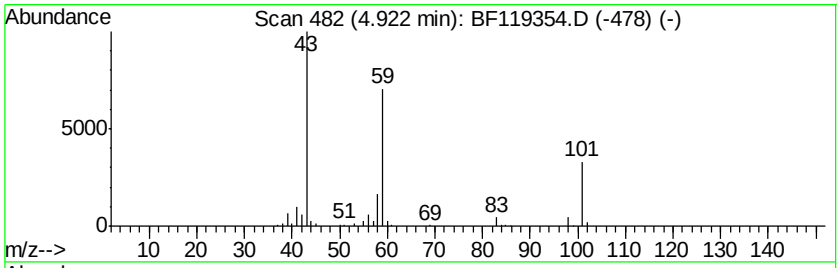
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

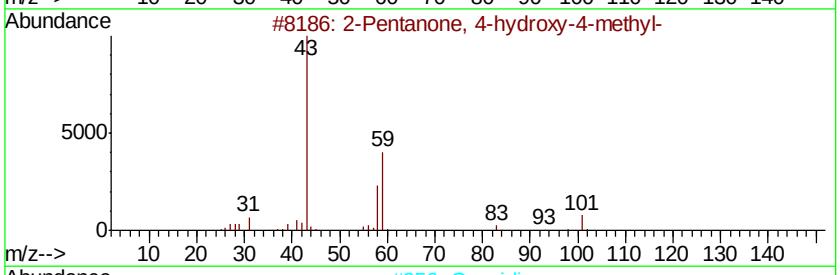
****

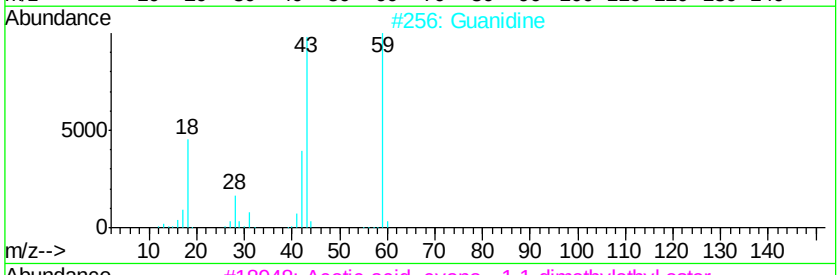
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

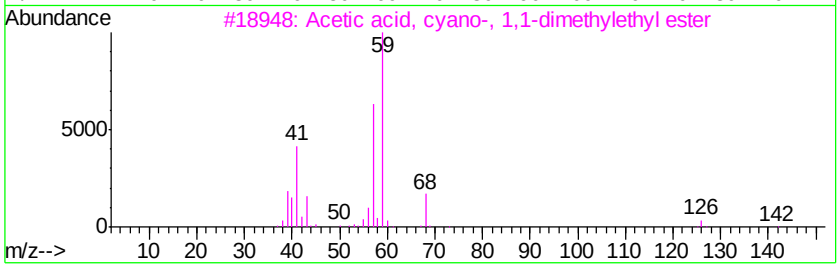
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	15.61 ng	428941	1,4-Dichlorobenzene-d4	6.72

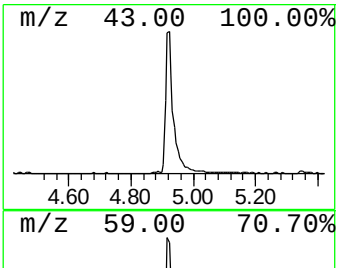
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9

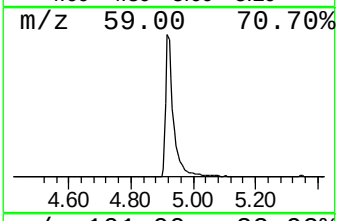


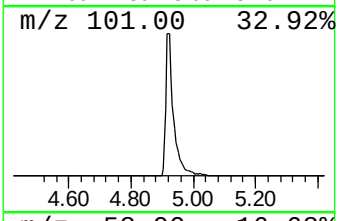


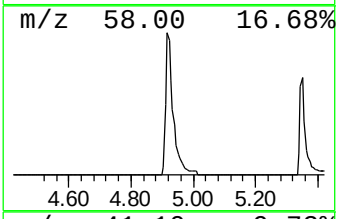


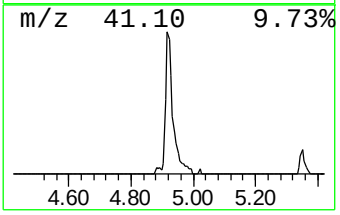












Library Search Compound Report

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Data File : BF119354.D
Acq On : 11 Mar 2020 19:10
Operator : CG/JU
Sample : L1871-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-18-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

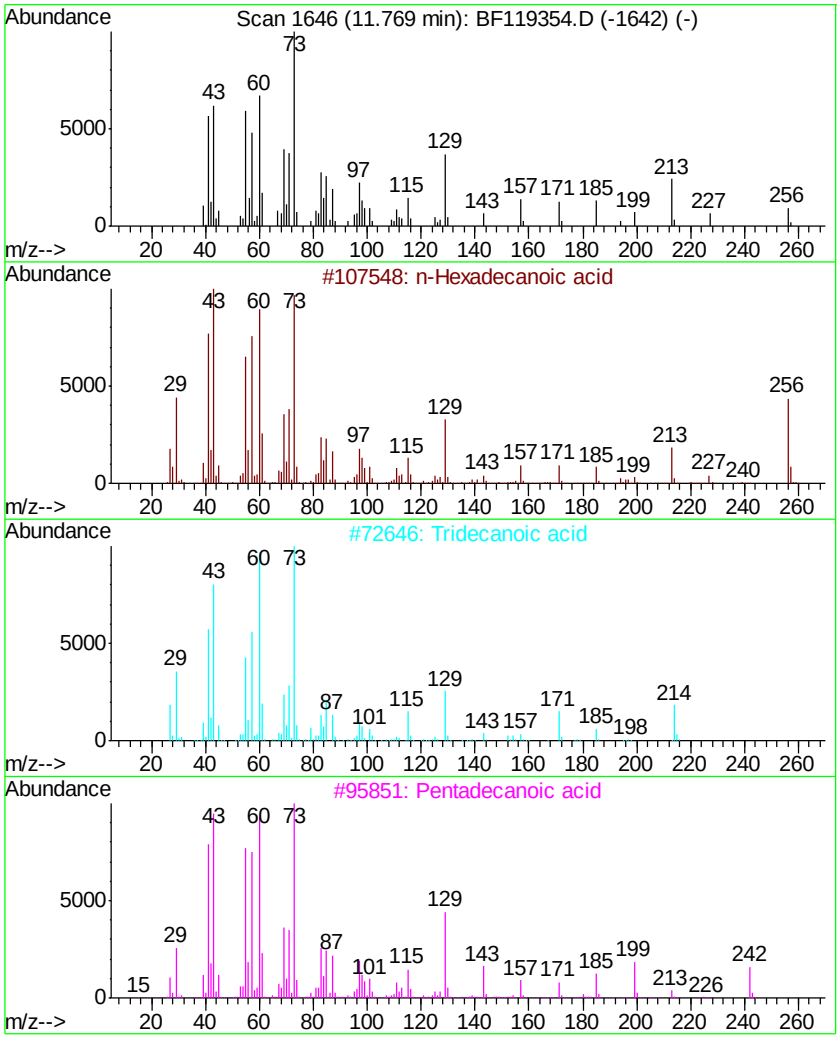
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

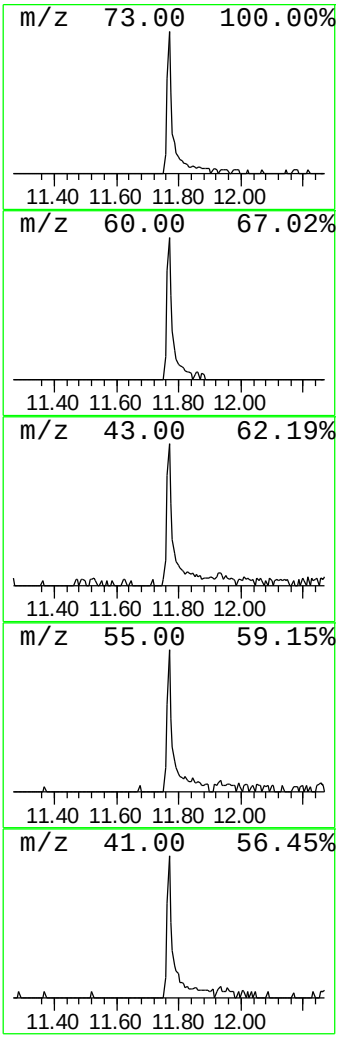
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.18 ng	160467	Phenanthrene-d10	11.24

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	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





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Instrument : BNA_F
ClientSampleId : TP-18-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

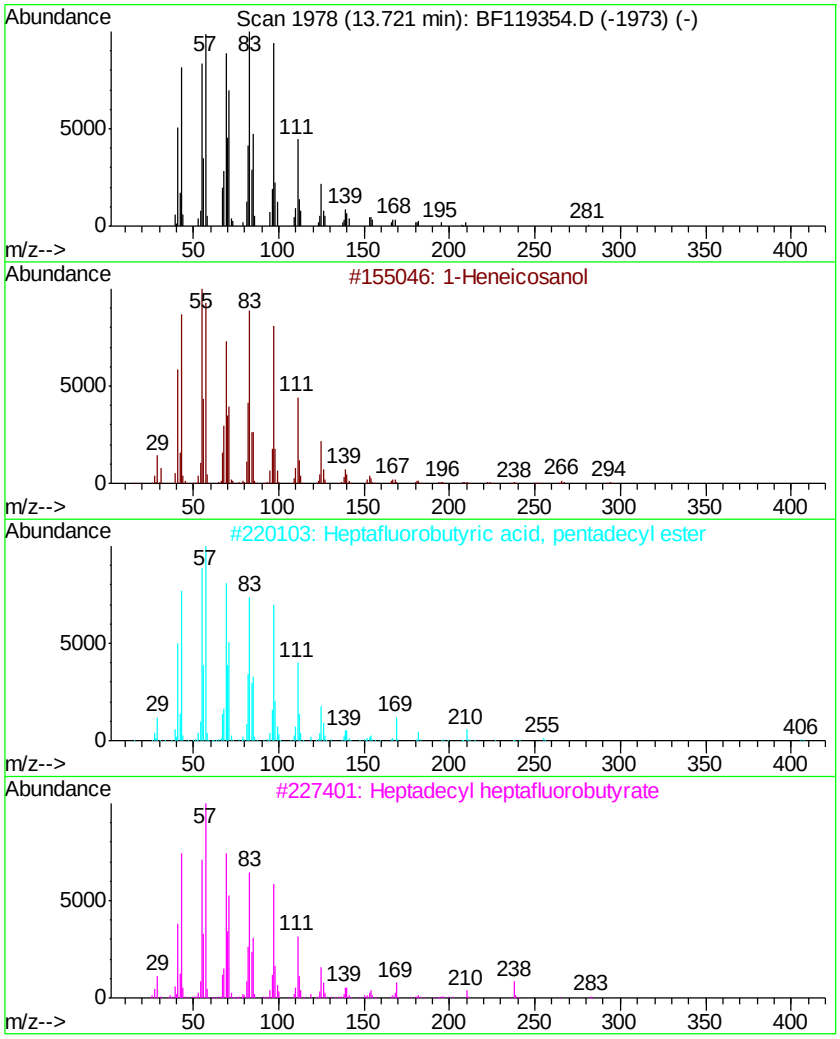
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

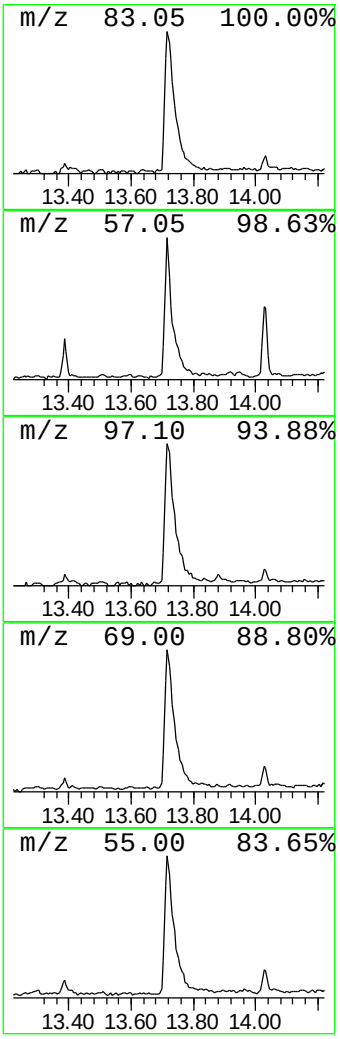
****

Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	11.90 ng	513753	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





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Data File : BF119354.D
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Operator : CG/JU
Sample : L1871-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-18-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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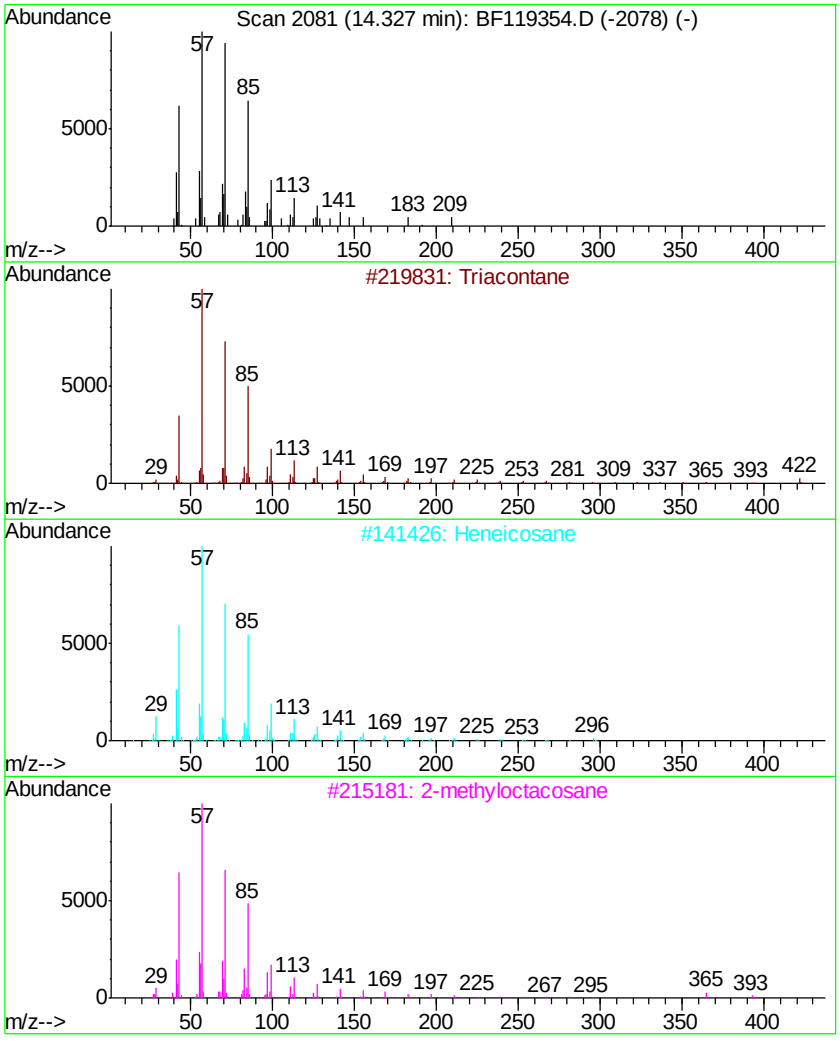
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

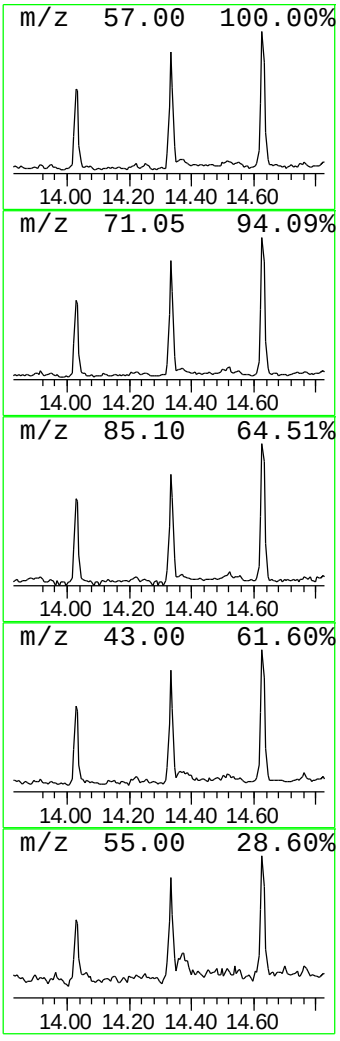
****

Peak Number 5 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.31 ng	99807	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





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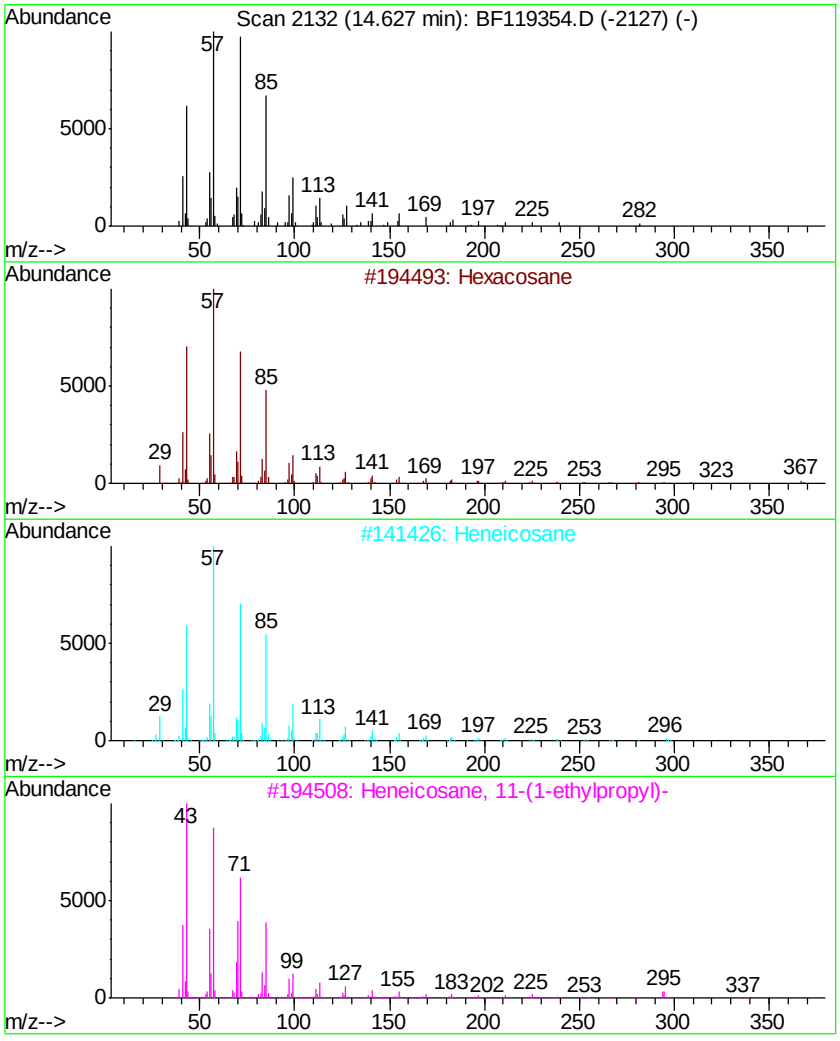
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

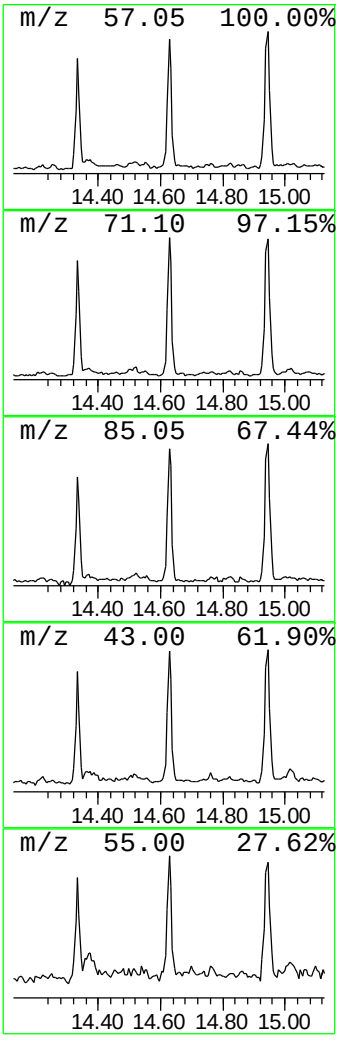
****

Peak Number 6 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.12 ng	136824	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Eicosane	282	C20H42	000112-95-8	91





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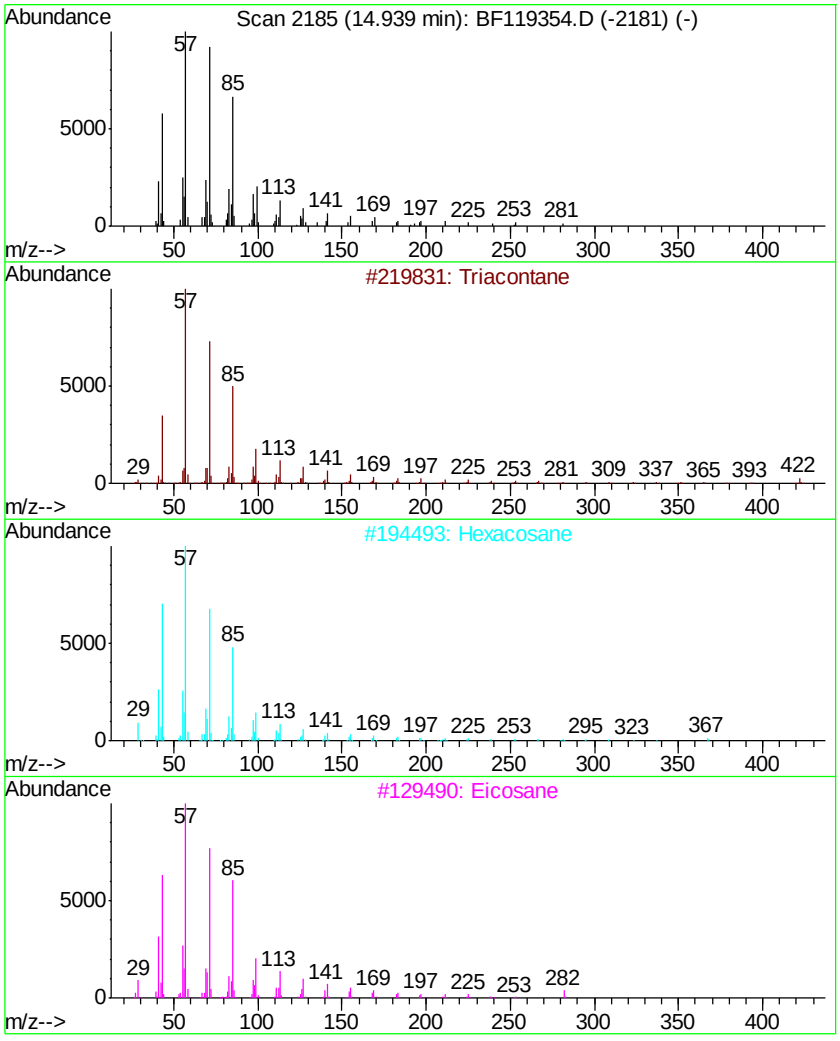
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

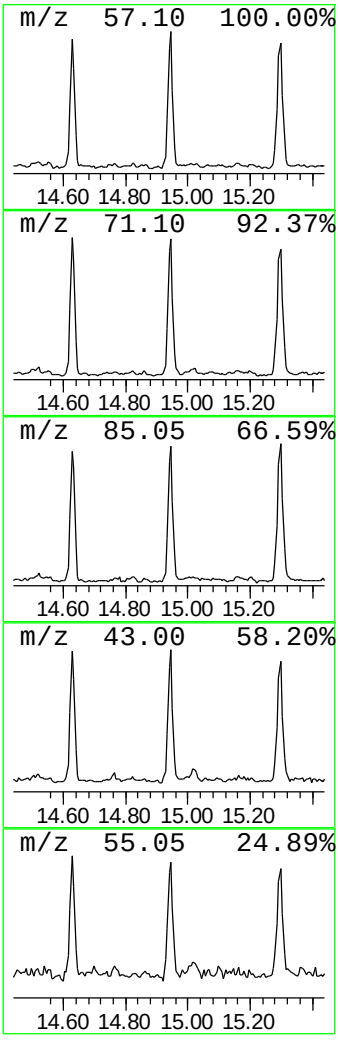
****

Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	3.42 ng	149805	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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Instrument : BNA_F
ClientSampleId : TP-18-SA

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

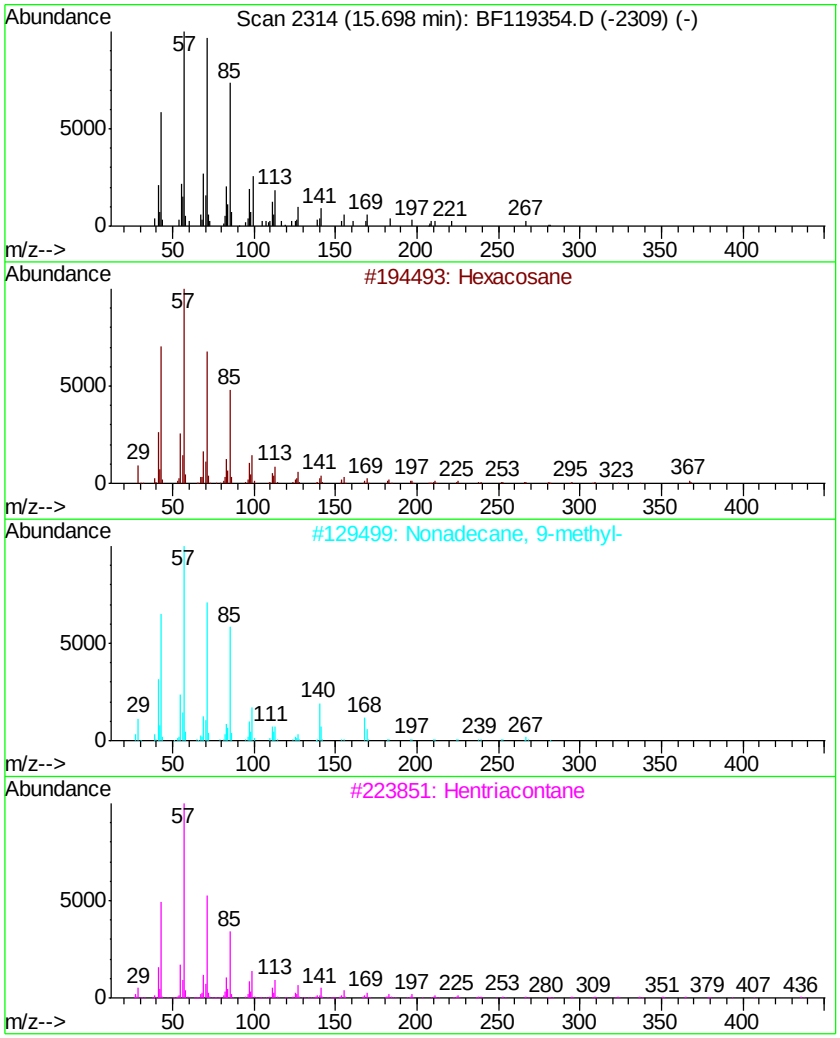
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

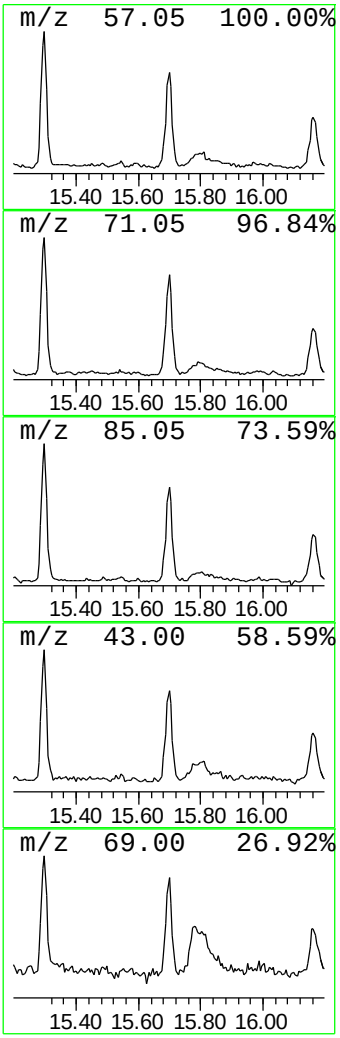
****

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.84 ng	124646	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : TP-18-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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...	4.92	15.6	ng	428941	1	6.72	549738	20.0
n-Hexadecanoic acid	11.77	3.2	ng	160467	4	11.24	1009080	20.0
1-Heneicosanol	13.72	11.9	ng	513753	5	13.88	863363	20.0
Triacontane	14.33	2.3	ng	99807	5	13.88	863363	20.0
Hexacosane	14.63	3.1	ng	136824	6	15.31	876259	20.0
Eicosane	14.94	3.4	ng	149805	6	15.31	876259	20.0
Nonadecane, 9-met...	15.70	2.8	ng	124646	6	15.31	876259	20.0