LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109392.D
Acq On : 27 Sep 2018 17:30
Operator : JU/SJ
Sample : J5066-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-I4

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-BF092218.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	4.899	475	478	489	rBV	63111	78457	3.55%	0.403%
2	5.316	544	549	552	rBV	1992136	1815385	82.04%	9.328%
3	6.345	719	724	735	rBV	2062895	1975232	89.27%	10.149%
4	6.475	742	746	749	rBV	2236523	1949911	88.12%	10.019%
5	6.704	782	785	789	rBV	812400	639375	28.90%	3.285%
6	6.863	808	812	815	rBV	1859748	1476654	66.73%	7.588%
7	7.269	876	881	884	rBV	1245799	1223083	55.27%	6.285%
8	7.987	999	1003	1009	rBV	1012404	812712	36.73%	4.176%
9	9.063	1182	1186	1189	rBV	2692218	2212728	100.00%	11.370%
10	9.457	1249	1253	1260	rBV	635346	548759	24.80%	2.820%
11	9.733	1295	1300	1307	rBV2	1008483	928863	41.98%	4.773%
12	10.522	1430	1434	1440	rBV	1237369	1190801	53.82%	6.119%
13	11.210	1548	1551	1555	rBV	916251	811201	36.66%	4.168%
14	11.751	1640	1643	1652	rBV2	100382	127129	5.75%	0.653%
15	12.533	1773	1776	1782	rBV	74753	92138	4.16%	0.473%
16	12.792	1816	1820	1824	rBV	1864525	1623344	73.36%	8.341%
17	13.710	1973	1976	1984	rVB2	137675	208402	9.42%	1.071%
18	13.839	1994	1998	2001	rBV	758813	695921	31.45%	3.576%
19	14.321	2078	2080	2083	rBV2	32930	29778	1.35%	0.153%
20	14.933	2181	2184	2190	rVB	61538	71156	3.22%	0.366%
21	15.239	2232	2236	2240	rVV	583880	677509	30.62%	3.481%
22	15.286	2241	2244	2249	rVB2	61358	77833	3.52%	0.400%
23	15.686	2309	2312	2317	rBV	56961	76413	3.45%	0.393%
24	15.904	2345	2349	2354	rVB6	34220	53630	2.42%	0.276%
25	16.151	2387	2391	2393	rBV2	45615	65129	2.94%	0.335%

Sum of corrected areas: 19461543

LSC Report - Integrated Chromatogram

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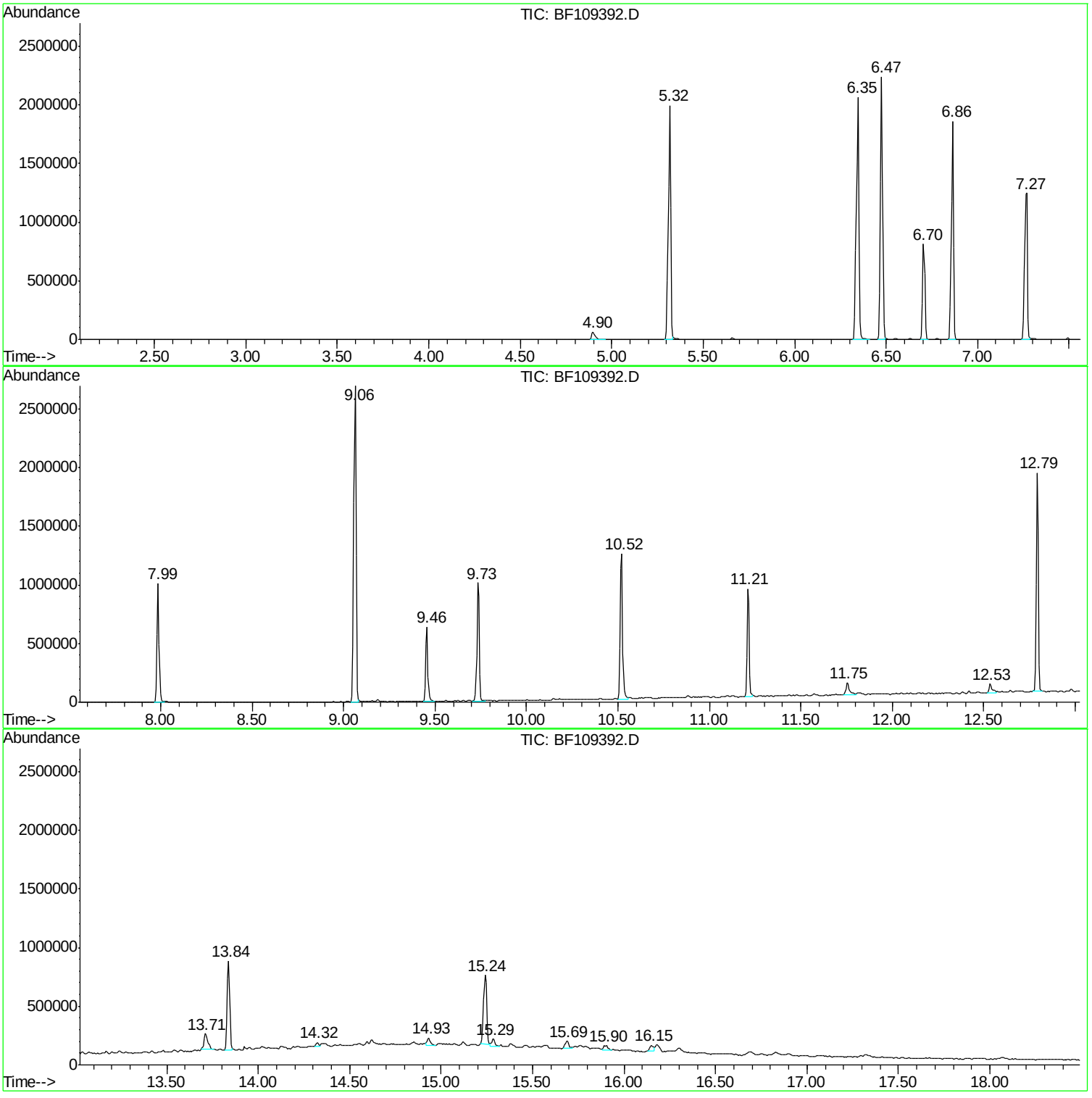
Operator : JU/SJ
Sample : J5066-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-I4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109392.D
Acq On : 27 Sep 2018 17:30
Operator : JU/SJ
Sample : J5066-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-I4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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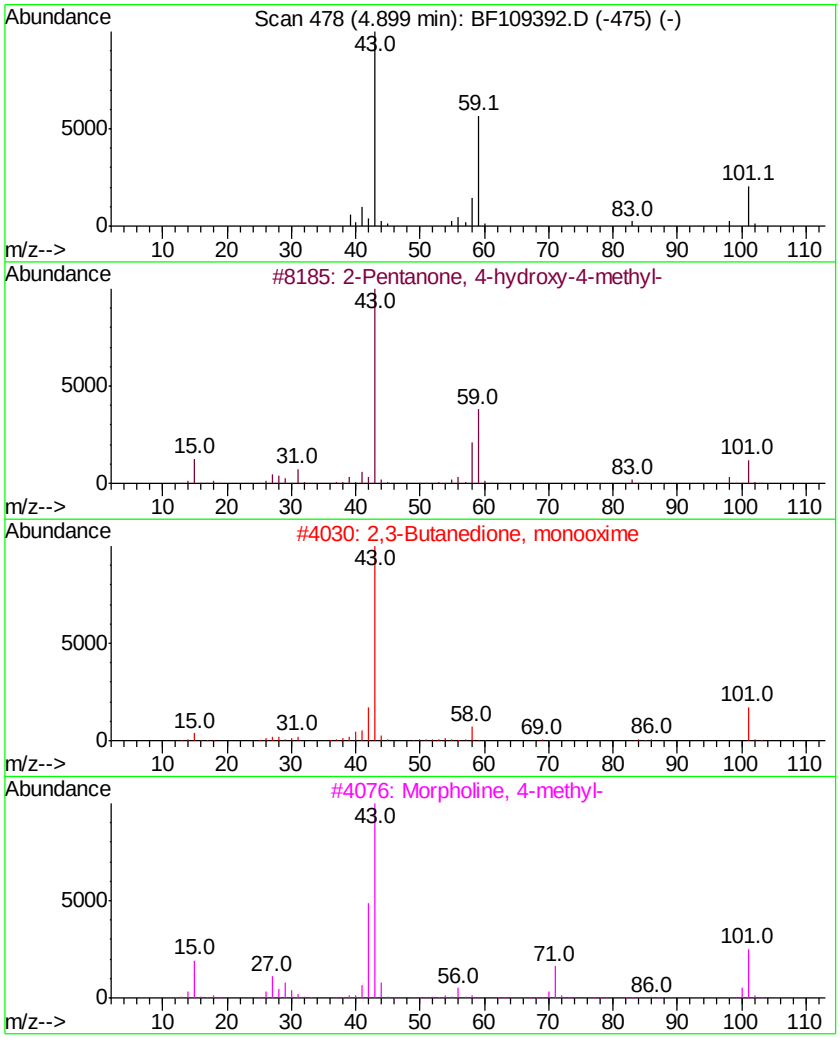
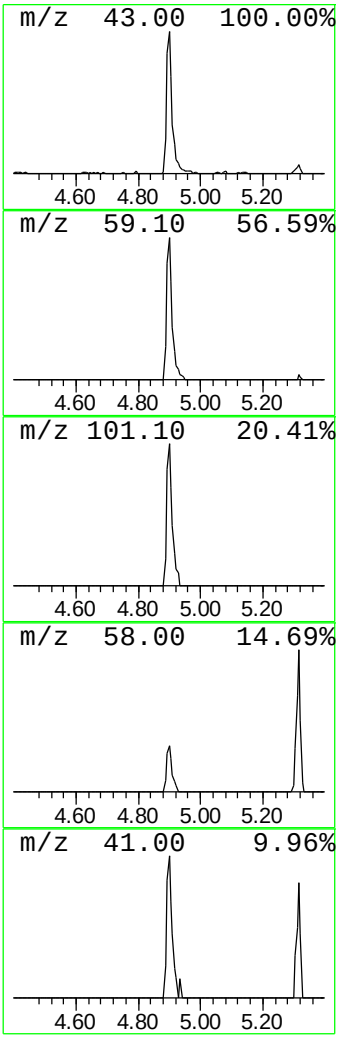
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.45 ng	78457	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-I4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

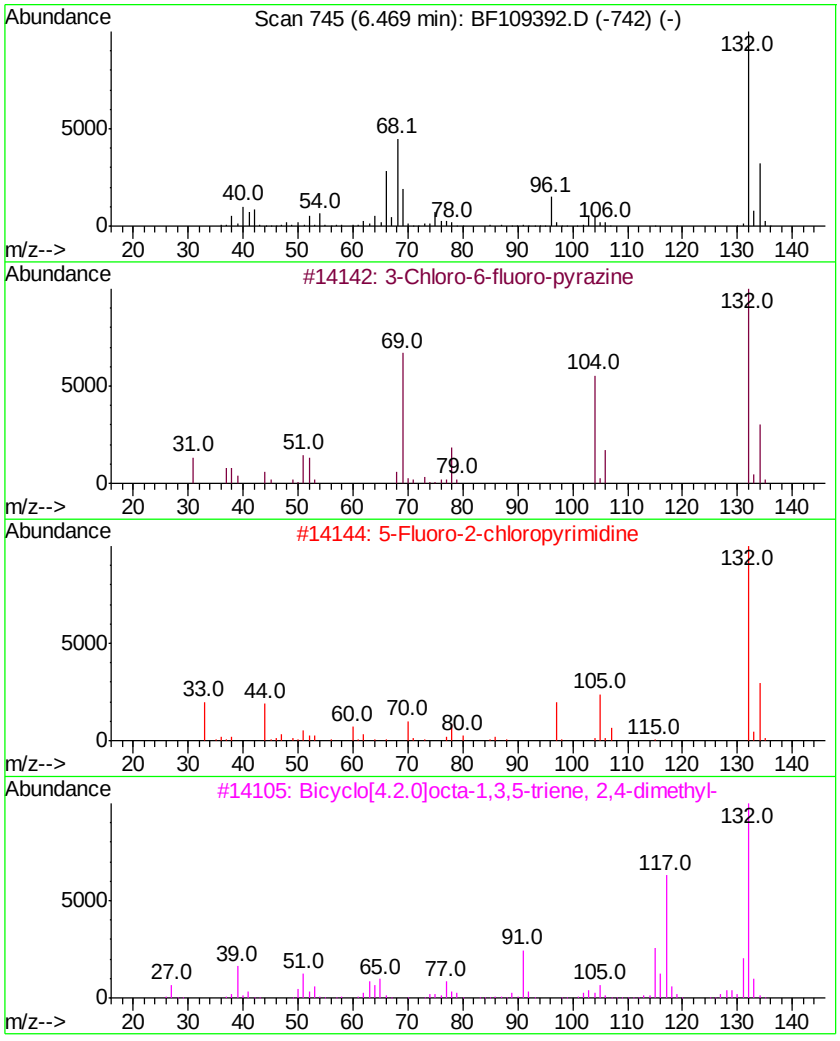
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

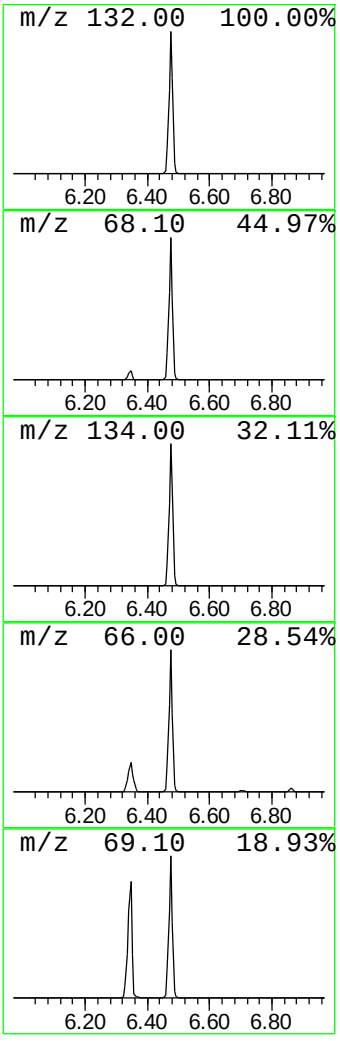
****

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	60.99 ng	1949910	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Data File : BF109392.D
Acq On : 27 Sep 2018 17:30
Operator : JU/SJ
Sample : J5066-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-I4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

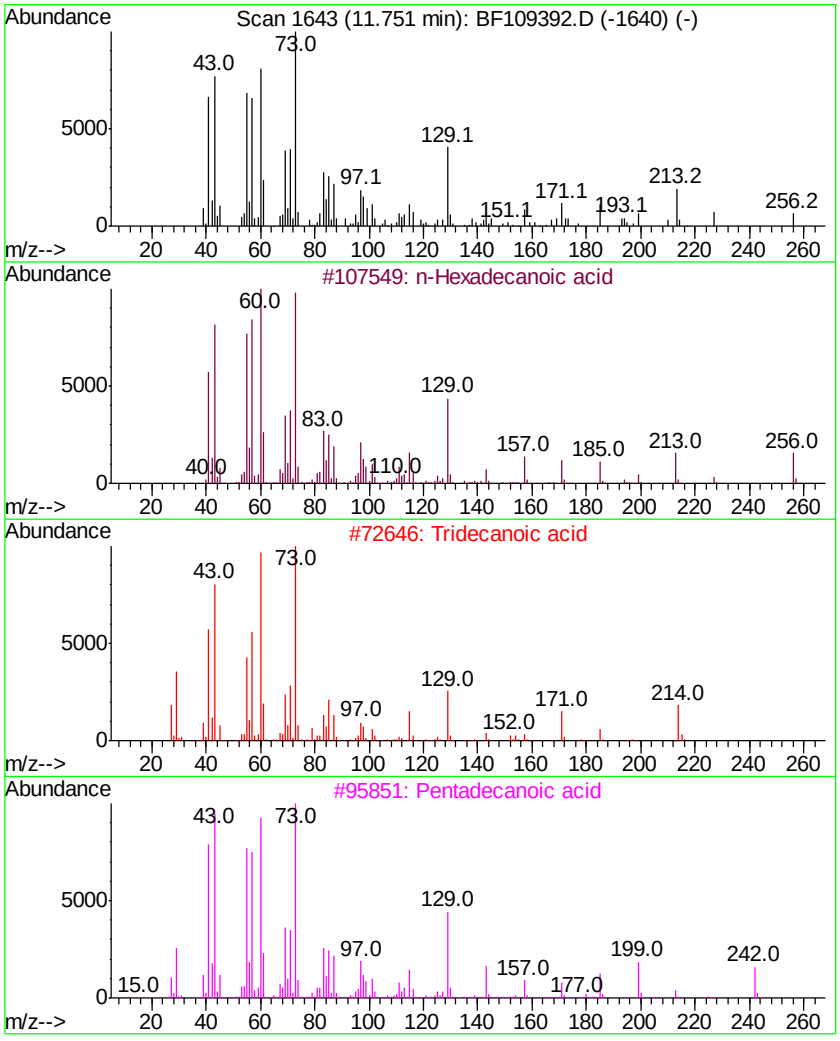
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

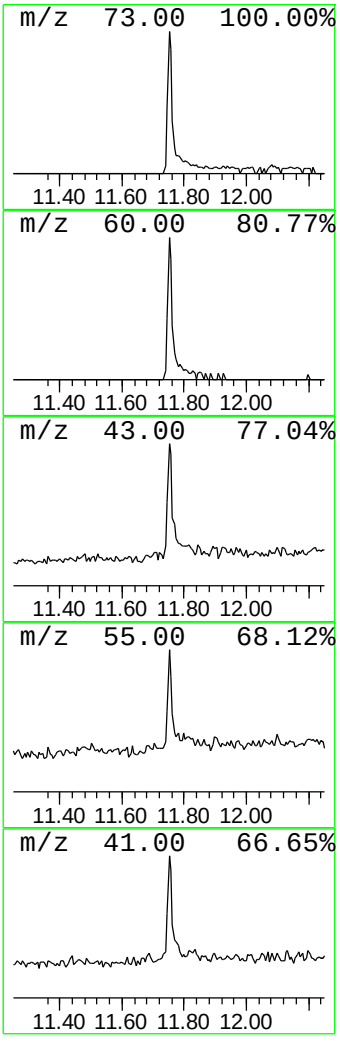
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.13 ng	127129	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109392.D
Acq On : 27 Sep 2018 17:30
Operator : JU/SJ
Sample : J5066-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-I4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

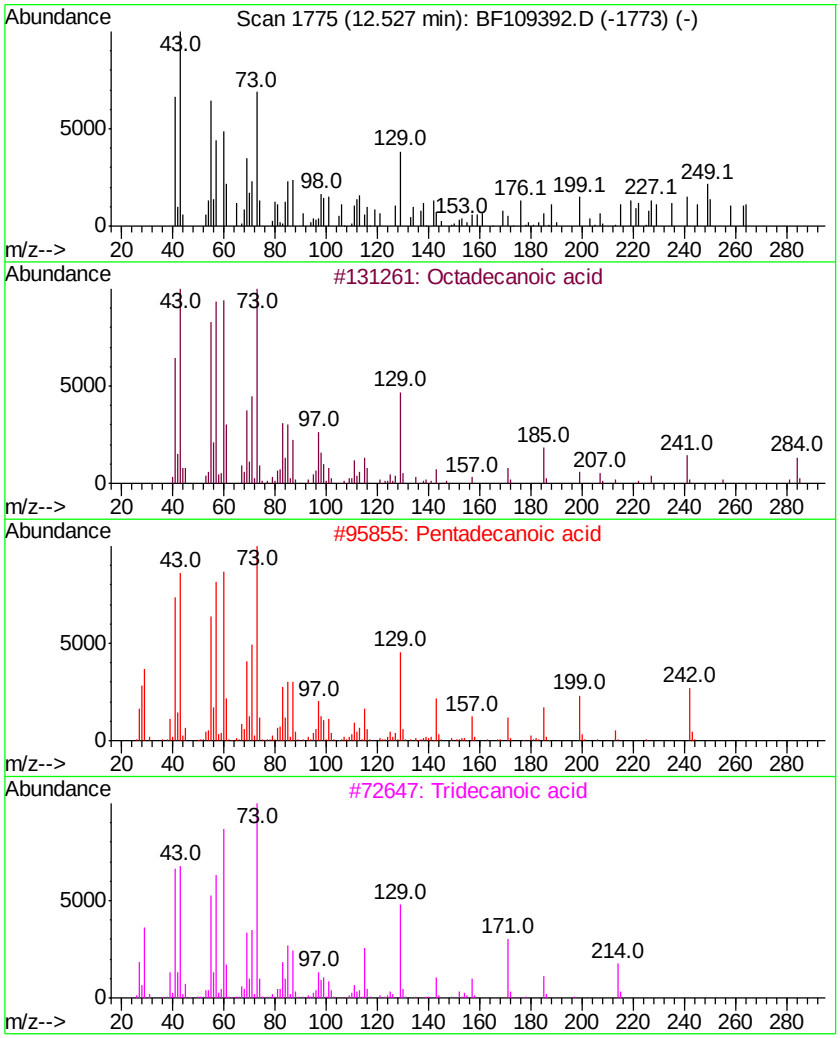
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

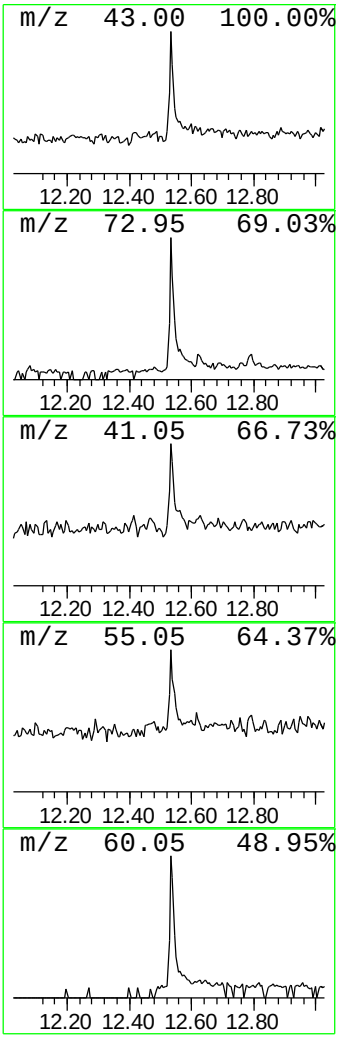
****

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.65 ng	92138	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3	Tridecanoic acid	214	C13H26O2	000638-53-9	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Library Search Compound Report

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Data File : BF109392.D
Acq On : 27 Sep 2018 17:30
Operator : JU/SJ
Sample : J5066-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-I4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

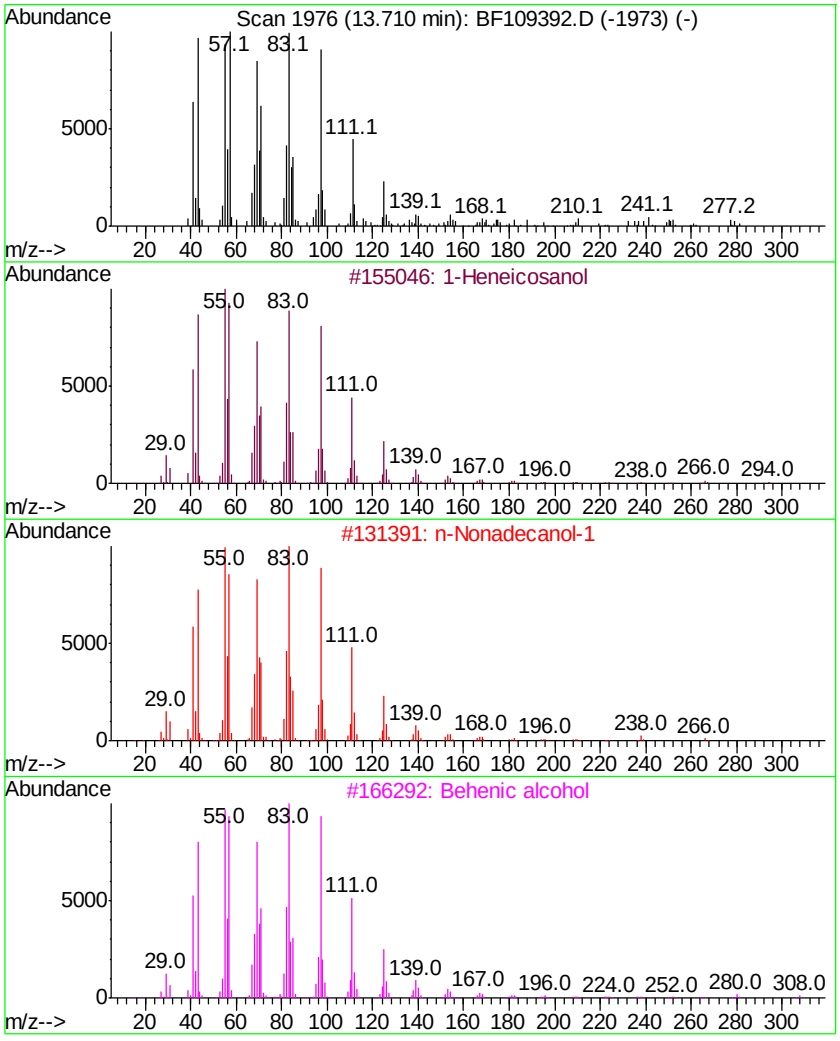
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

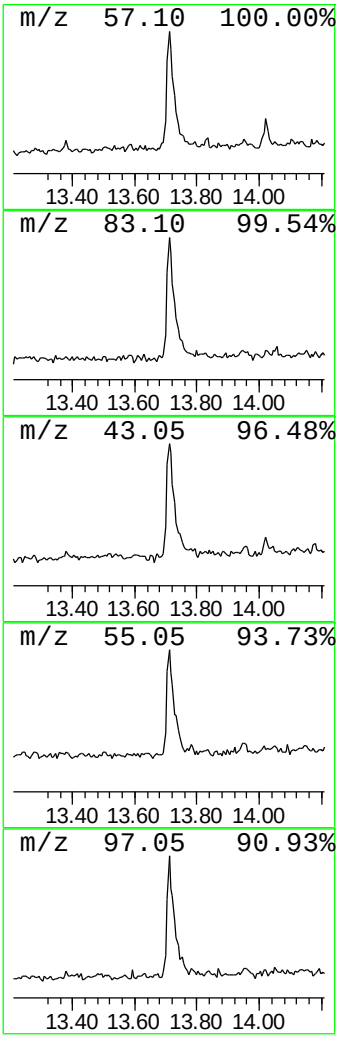
****

Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	5.99 ng	208402	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-I4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

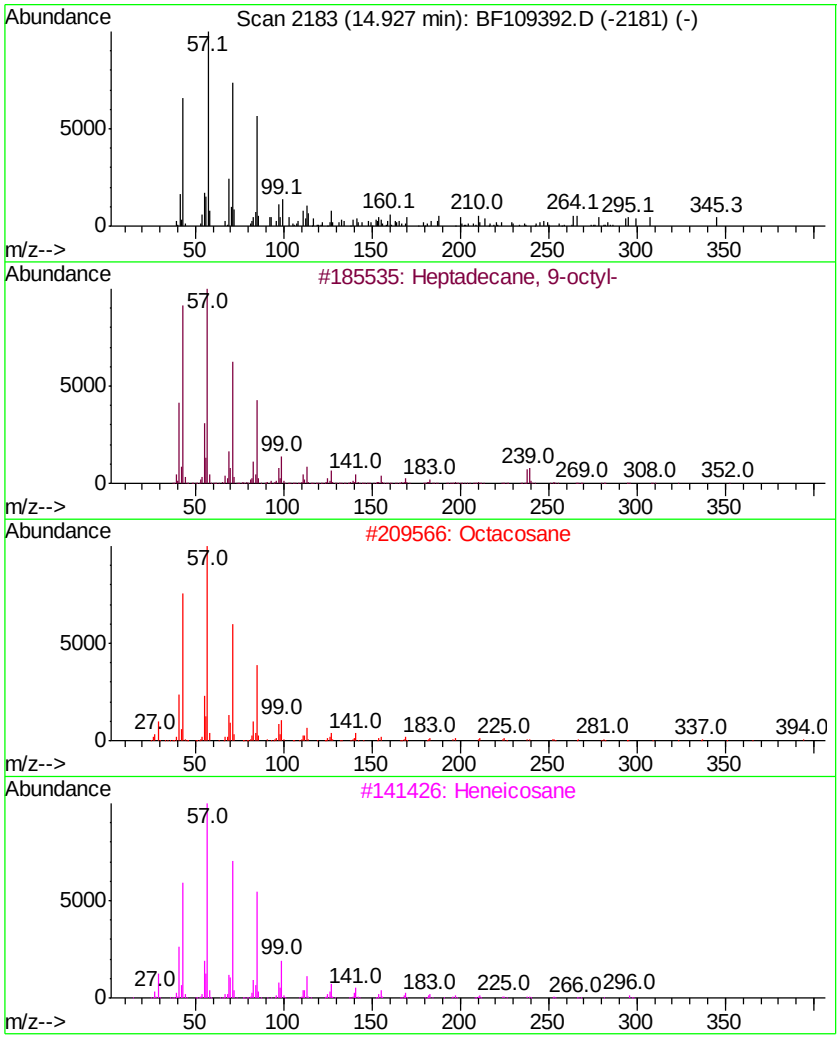
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

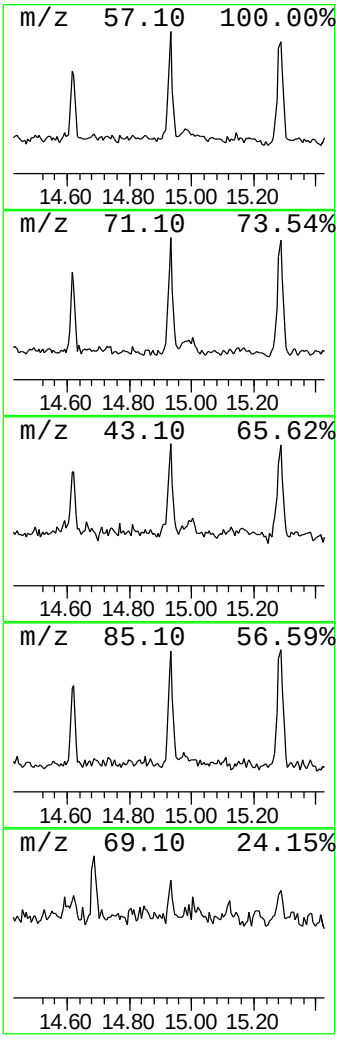
****

Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.10 ng	71156	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Pentadecane	212	C15H32	000629-62-9	81
5	Hexacosane	366	C26H54	000630-01-3	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

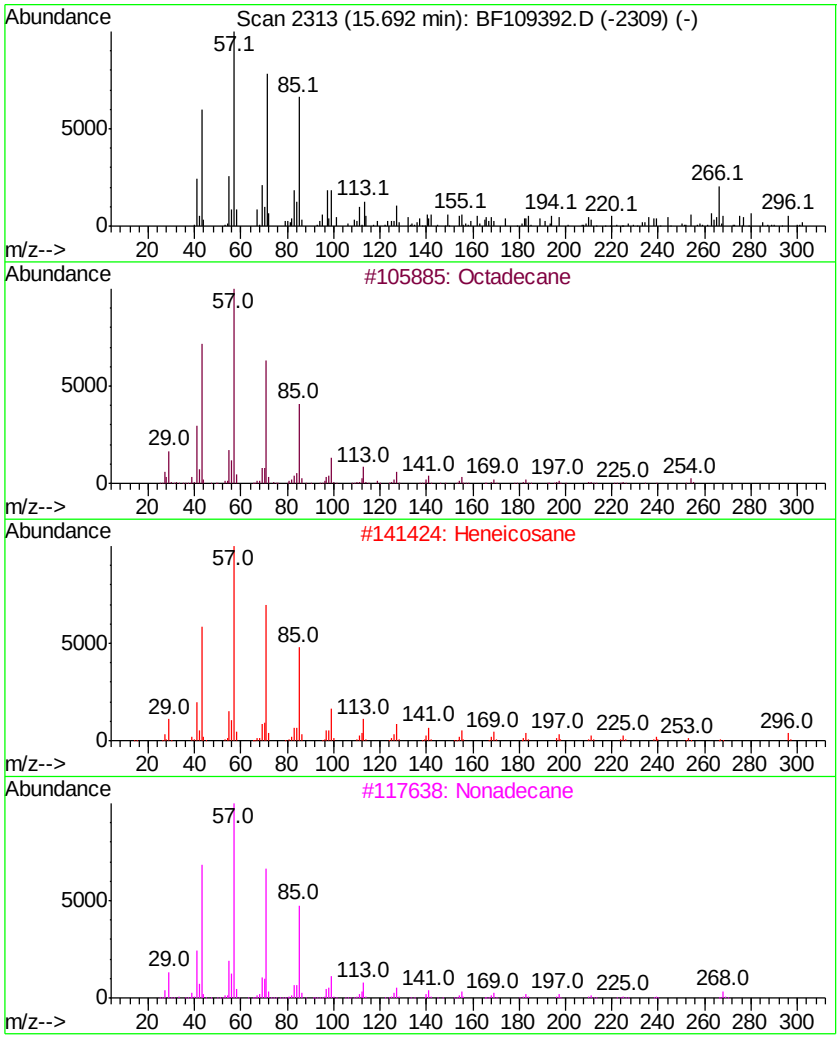
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

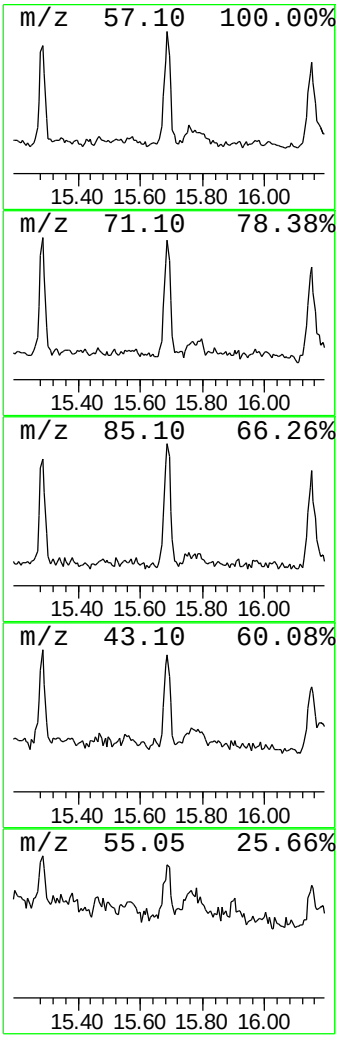
****

Peak Number 8 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.26 ng	76413	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heneicosane	296	C21H44	000629-94-7	64
3	Nonadecane	268	C19H40	000629-92-5	60
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5	2-methyloctacosane	408	C29H60	1000376-72-8	53





Tentatively Identified Compound (LSC) summary

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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...	4.90	2.5	ng	78457	1	6.70	639375	20.0
unknown6.47	6.47	61.0	ng	1949910	1	6.70	639375	20.0
n-Hexadecanoic acid	11.75	3.1	ng	127129	4	11.21	811201	20.0
Octadecanoic acid	12.53	2.6	ng	92138	5	13.84	695921	20.0
1-Heneicosanol	13.71	6.0	ng	208402	5	13.84	695921	20.0
Heptadecane, 9-oc...	14.93	2.1	ng	71156	6	15.24	677509	20.0
Octadecane	15.69	2.3	ng	76413	6	15.24	677509	20.0