LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083141.D
Acq On : 22 Nov 2015 6:30
Operator : UM/IZ
Sample : G4505-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(7.5-9.5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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	4.821	245	248	264	rBV	2075034	3414326	50.79%	5.814%
2	5.267	284	287	289	rBV	4832993	6082153	90.48%	10.356%
3	6.319	376	379	382	rBV	5571220	6139560	91.33%	10.454%
4	6.422	386	388	391	rBV	4337709	5842181	86.91%	9.948%
5	6.650	406	408	411	rBV	1308742	1155055	17.18%	1.967%
6	6.810	419	422	424	rBV	4321638	4330402	64.42%	7.373%
7	7.222	455	458	461	rBV	3554008	3759691	55.93%	6.402%
8	7.942	518	521	523	rBV	1382980	1458056	21.69%	2.483%
9	9.016	612	615	618	rBV	5243870	5814913	86.50%	9.901%
10	9.416	648	650	653	rBV	821259	884240	13.15%	1.506%
11	9.633	667	669	671	rBV	122773	132718	1.97%	0.226%
12	9.690	671	674	676	rBV	1306281	1676950	24.95%	2.855%
13	10.136	709	713	715	rBV	264053	251952	3.75%	0.429%
14	10.353	729	732	735	rBV	80115	135478	2.02%	0.231%
15	10.479	740	743	745	rBV	3115975	4320176	64.27%	7.356%
16	10.605	752	754	759	rVB	261763	285271	4.24%	0.486%
17	11.051	792	793	795	rBV	111951	86199	1.28%	0.147%
18	11.165	800	803	805	rBV	1443666	1687730	25.11%	2.874%
19	11.222	805	808	813	rVB2	42973	90930	1.35%	0.155%
20	11.714	849	851	856	rBV	424629	416020	6.19%	0.708%
21	12.491	917	919	925	rBV	208661	279069	4.15%	0.475%
22	12.754	939	942	944	rBV	5400030	6722279	100.00%	11.446%
23	13.234	979	984	987	rBV	46263	116314	1.73%	0.198%
24	13.668	1019	1022	1027	rBV	223243	402121	5.98%	0.685%
25	13.782	1030	1032	1035	rBV	1774246	1681974	25.02%	2.864%
26	14.285	1073	1076	1082	rBV4	24702	94750	1.41%	0.161%
27	14.548	1098	1099	1104	rBV2	51670	96027	1.43%	0.164%
28	15.154	1149	1152	1155	rBV	924599	1372911	20.42%	2.338%

Sum of corrected areas: 58729446

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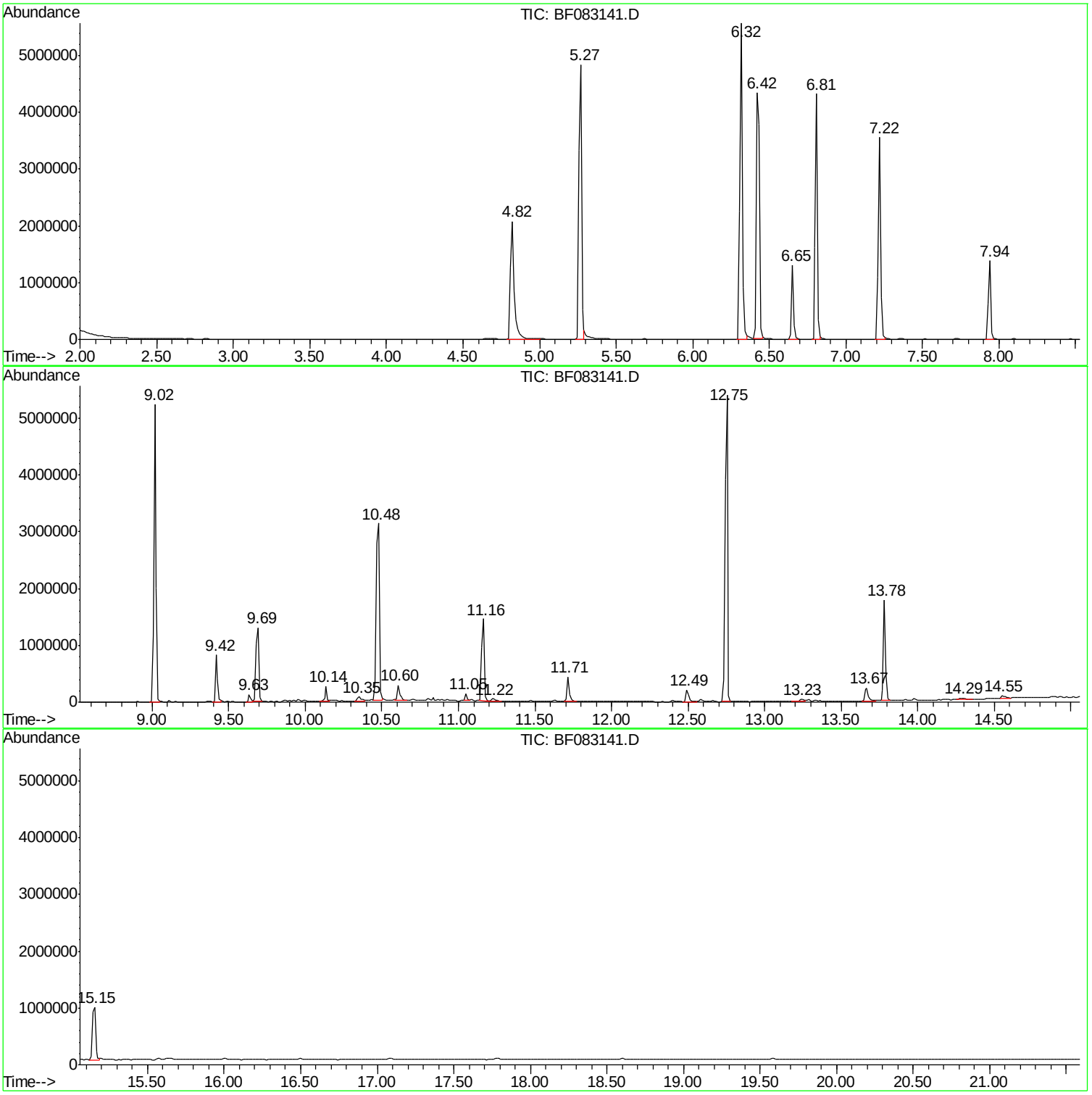
Instrument :
BNA_F
ClientSampleId :
SB-23(7.5-9.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
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Instrument : BNA_F
ClientSampleId : SB-23(7.5-9.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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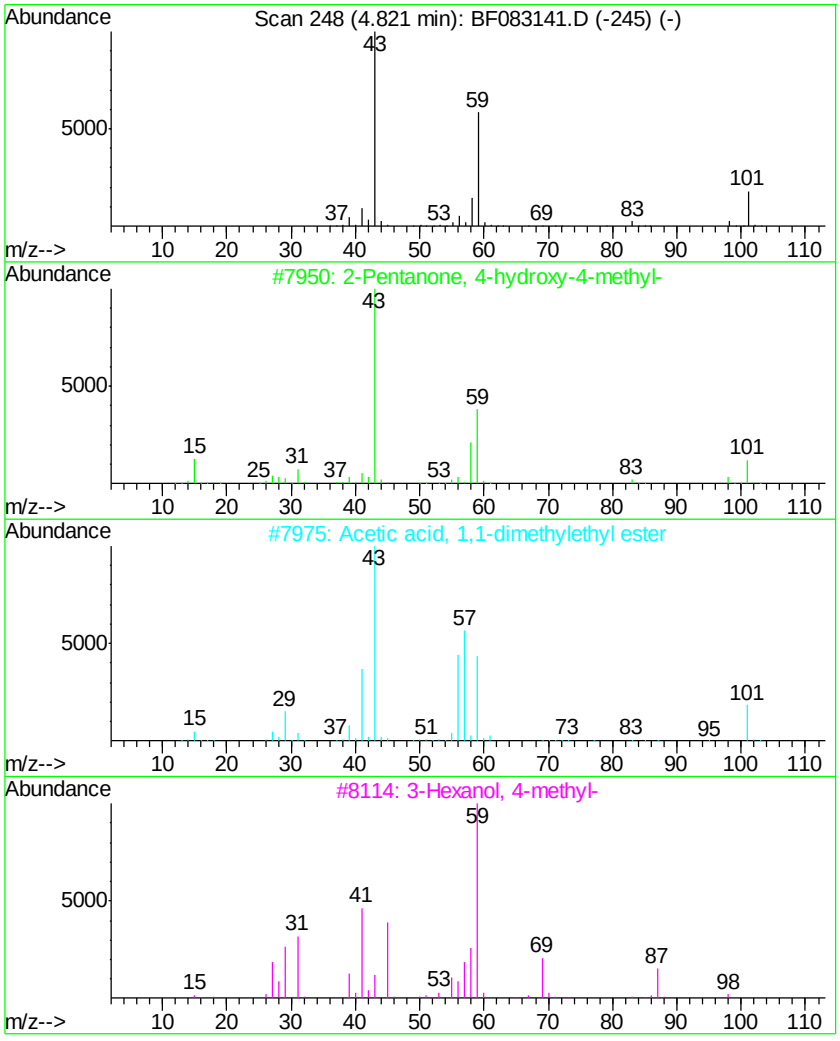
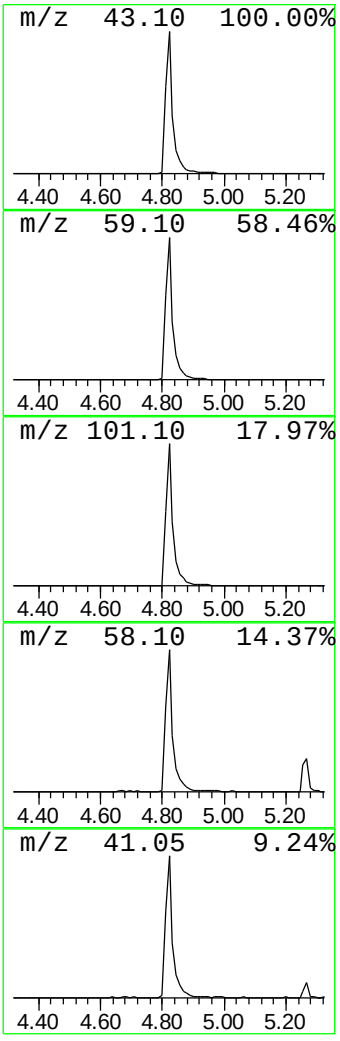
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	59.12 ng	3414330	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : UM/IZ
Sample : G4505-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(7.5-9.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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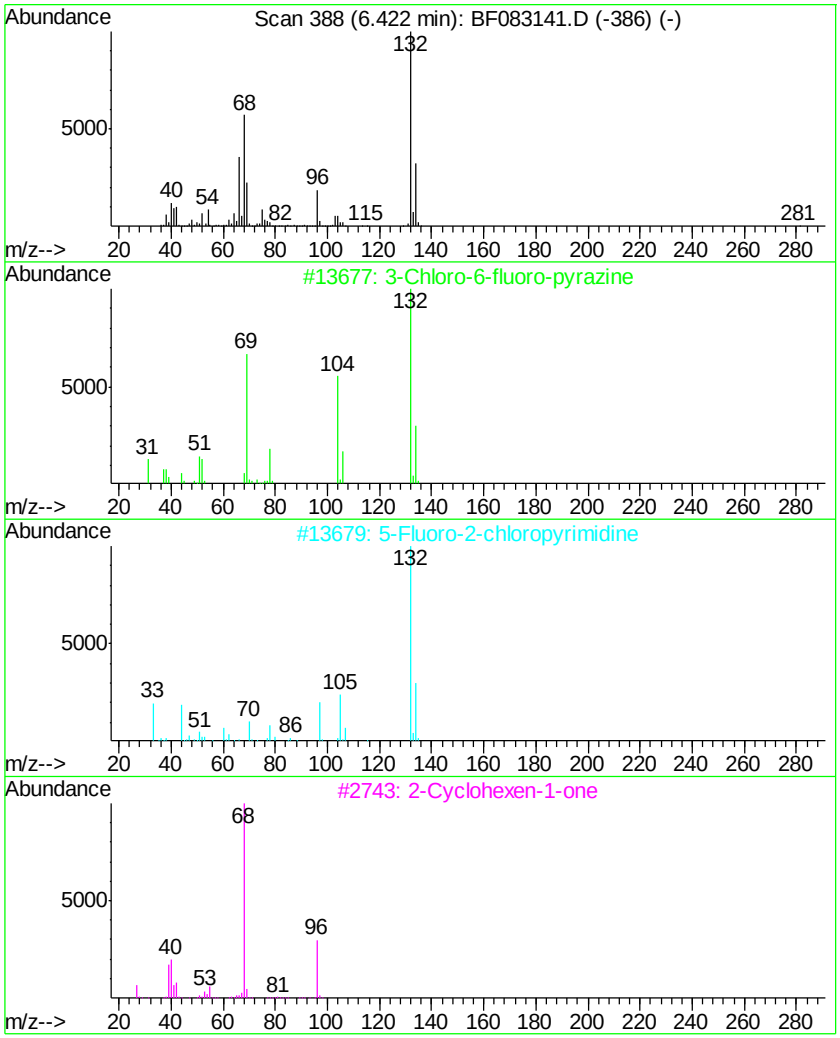
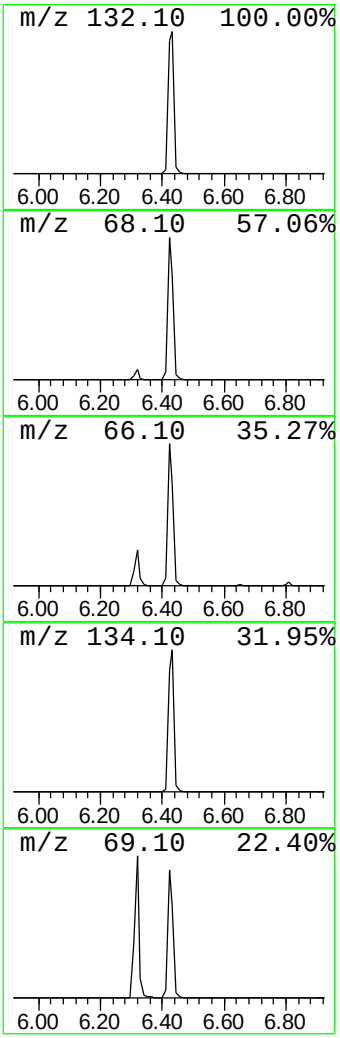
Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	101.16 ng	5842180	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Xenon	132	Xe	007440-63-3	9





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Operator : UM/IZ
Sample : G4505-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(7.5-9.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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TIC Library : C:\DATABASE\NIST02.L
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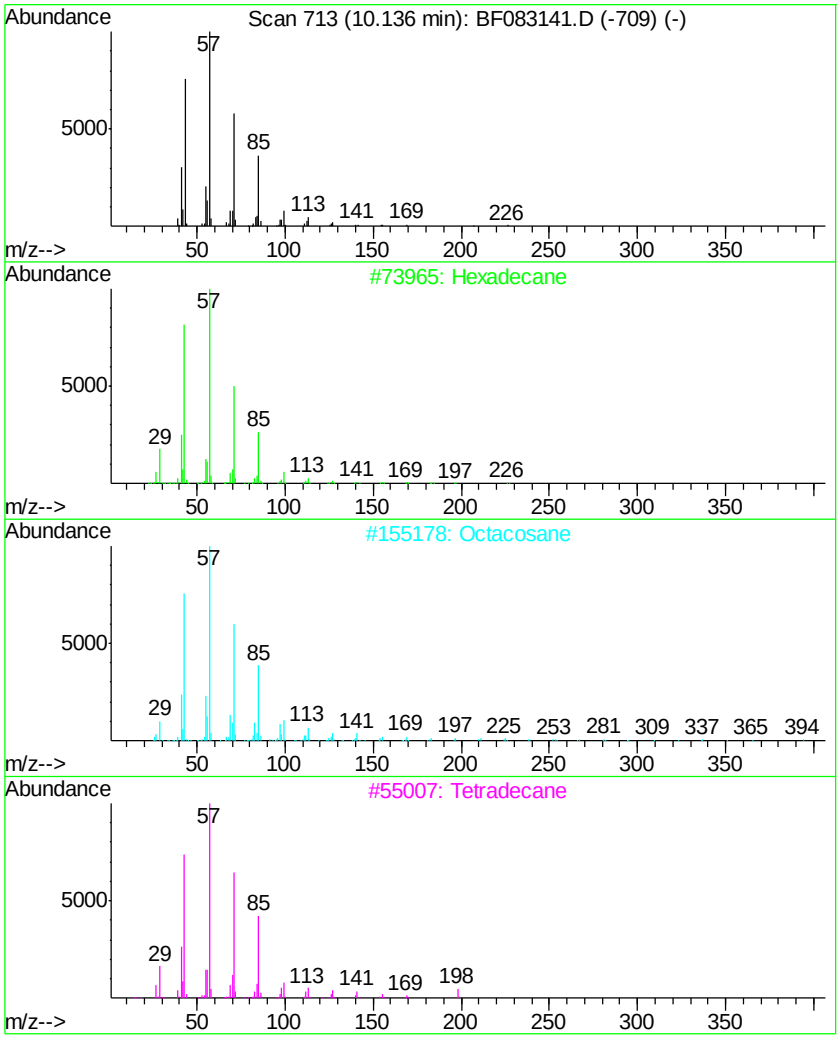
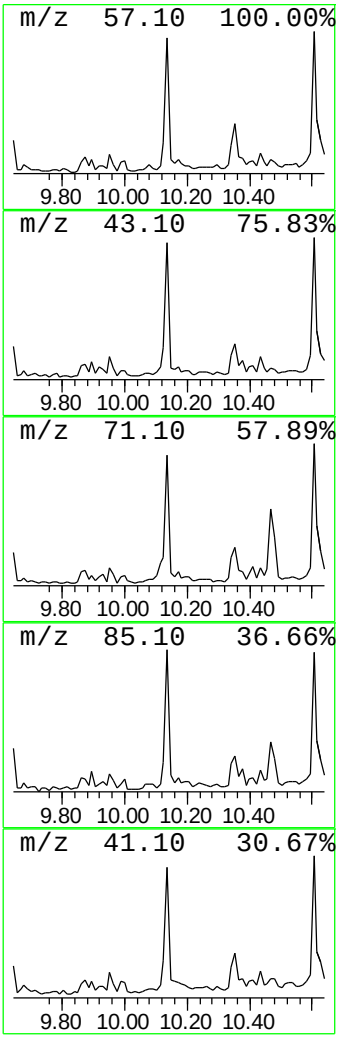
Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	3.00 ng	251952	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





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Data File : BF083141.D
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Operator : UM/IZ
Sample : G4505-02
Misc :
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Instrument : BNA_F
ClientSampleId : SB-23(7.5-9.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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TIC Library : C:\DATABASE\NIST02.L
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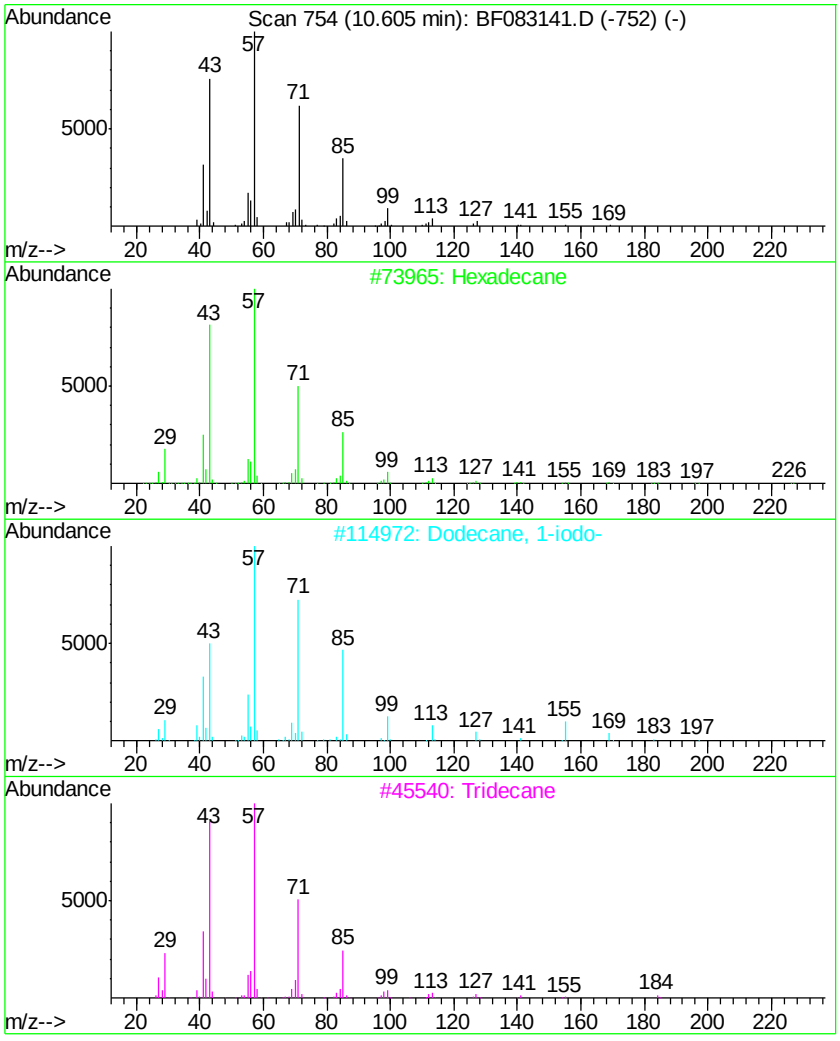
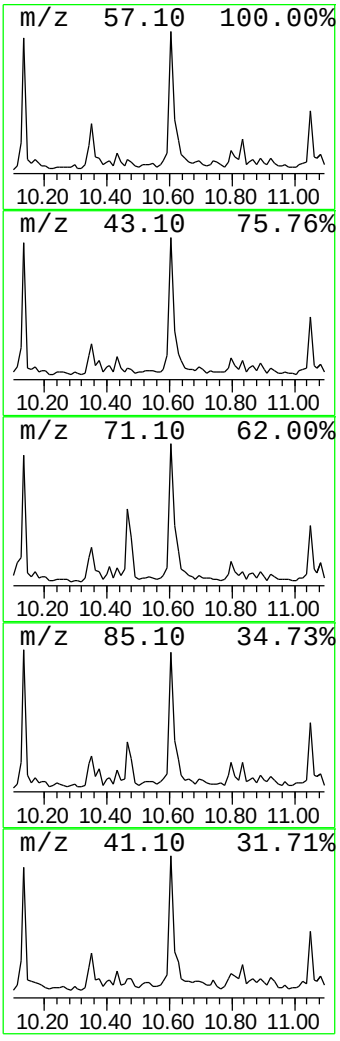
Peak Number 5 Dodecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	3.38 ng	285271	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
3	Tridecane	184	C13H28	000629-50-5	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Pentadecane	212	C15H32	000629-62-9	80





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Operator : UM/IZ
Sample : G4505-02
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(7.5-9.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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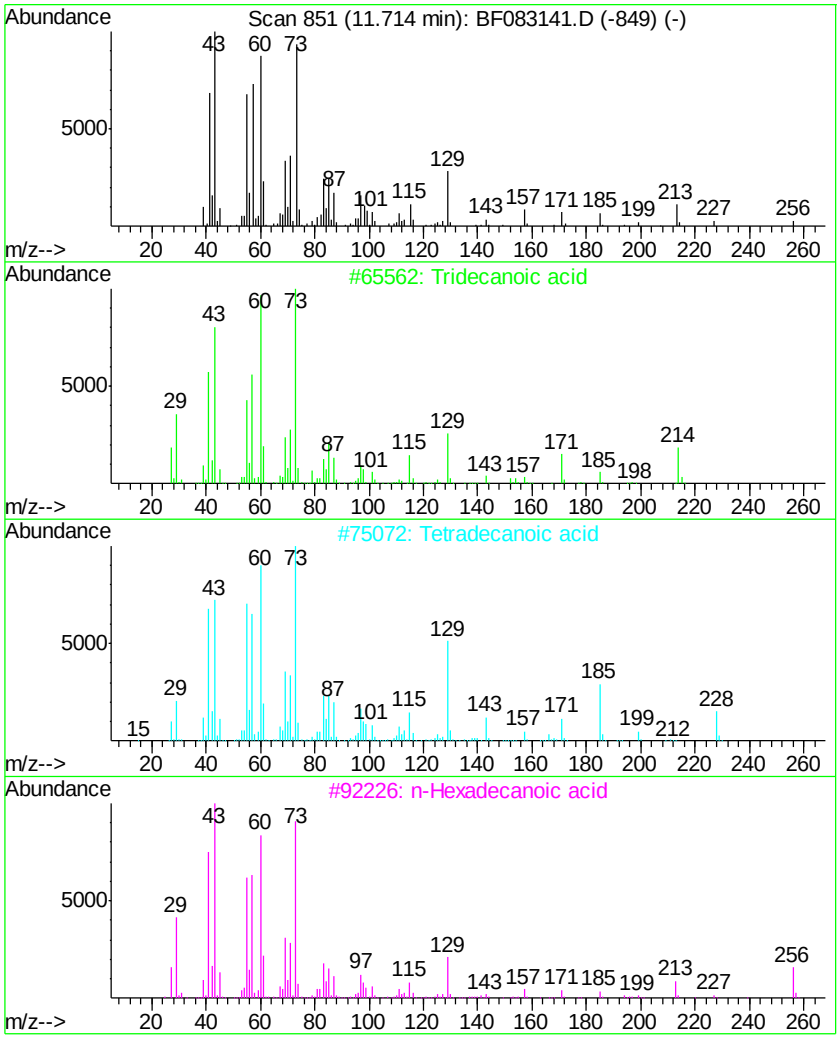
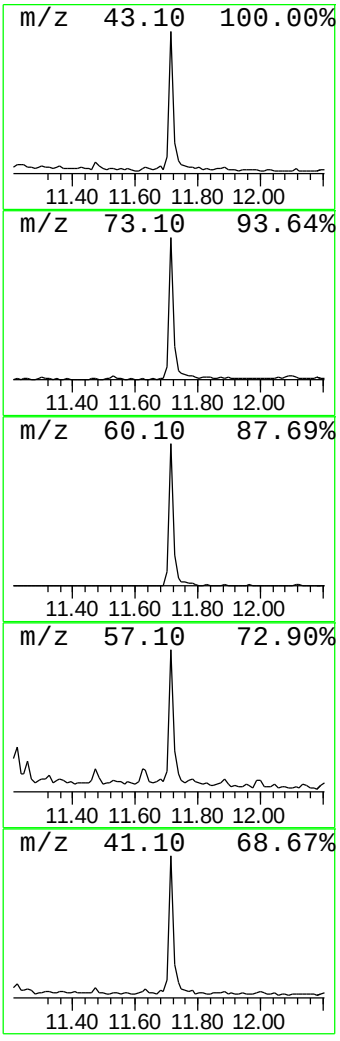
Peak Number 6 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	4.93 ng	416020	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	86





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Instrument : BNA_F
ClientSampleId : SB-23(7.5-9.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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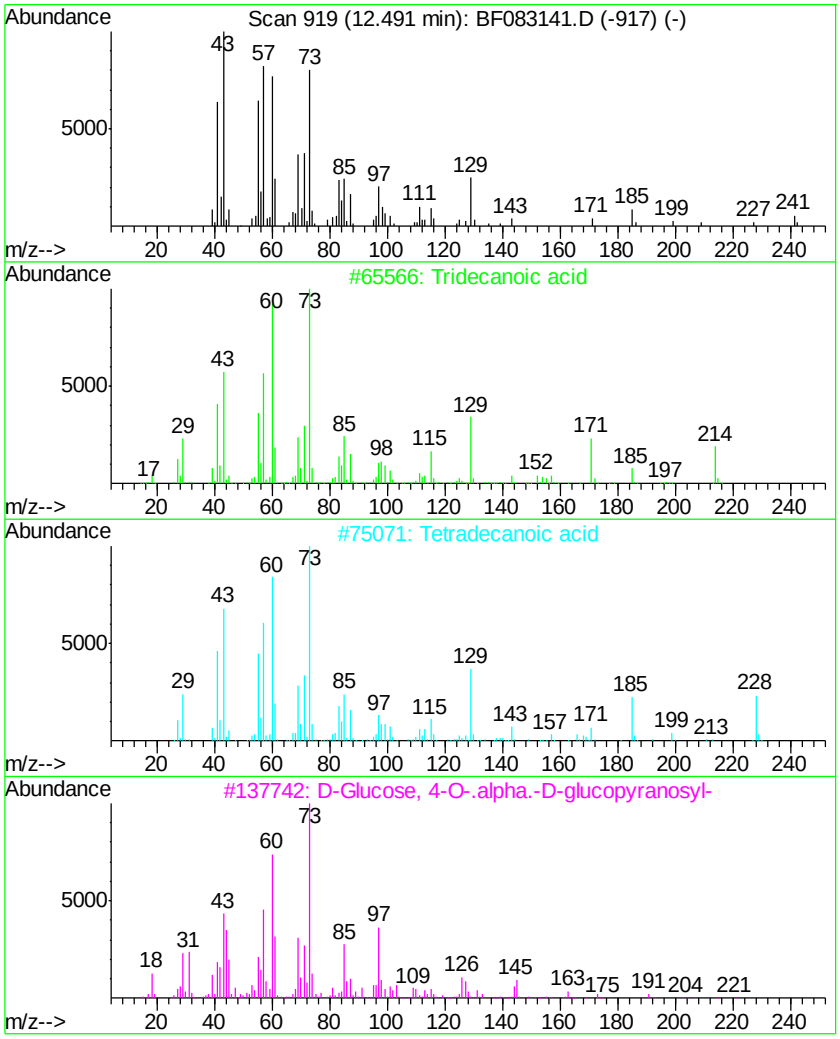
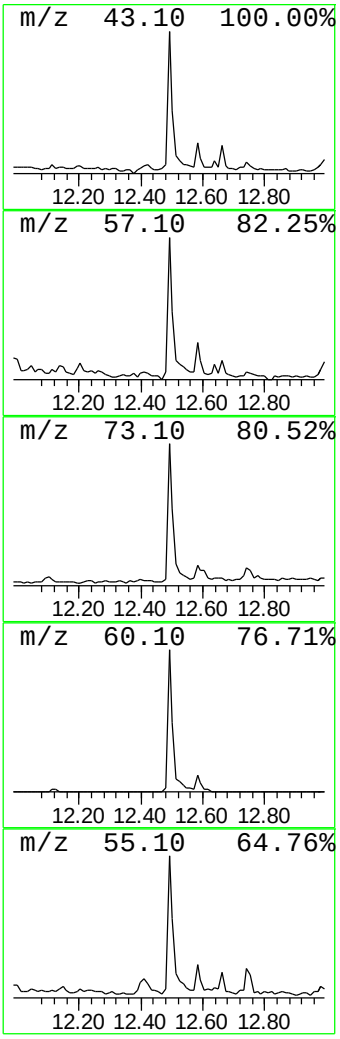
Peak Number 7 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.32 ng	279069	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	72
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	47
4	Amyl Nitrite	117	C5H11NO2	000110-46-3	22
5	1-Tetradecanol, acetate	256	C16H32O2	000638-59-5	18





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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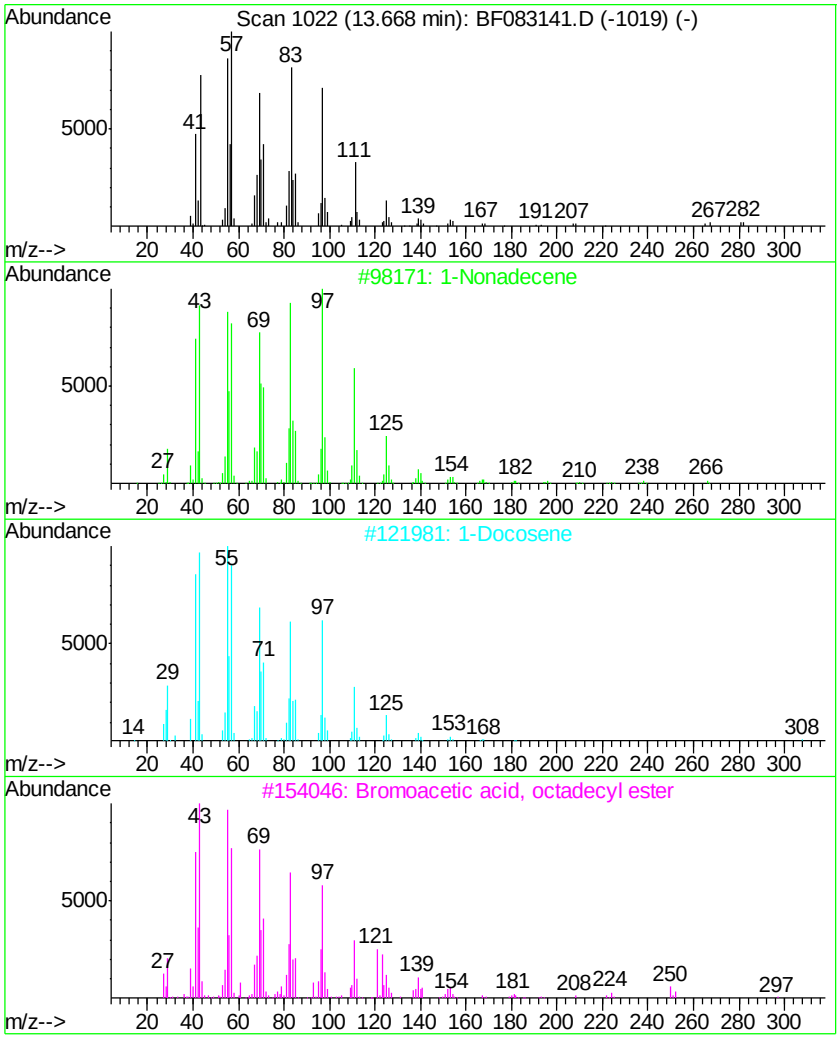
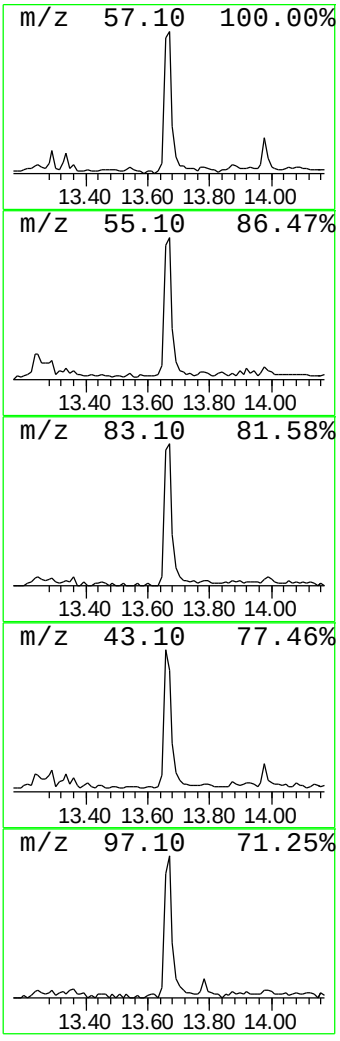
Peak Number 8 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.78 ng	402121	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	1-Docosene	308	C22H44	001599-67-3	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





Tentatively Identified Compound (LSC) summary

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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...	4.82	59.1	ng	3414330	1	6.65	1155060	20.0
unknown6.42	6.42	101.2	ng	5842180	1	6.65	1155060	20.0
Hexadecane	10.14	3.0	ng	251952	3	9.69	1676950	20.0
Dodecane, 1-iodo-	10.60	3.4	ng	285271	4	11.16	1687730	20.0
Tridecanoic acid	11.71	4.9	ng	416020	4	11.16	1687730	20.0
Tetradecanoic acid	12.49	3.3	ng	279069	5	13.78	1681970	20.0
1-Nonadecene	13.67	4.8	ng	402121	5	13.78	1681970	20.0