LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116964.D
Acq On : 11 Sep 2019 23:21
Operator : HP/JU
Sample : K4819-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S(1-4)

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-BF083019.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	4.392	388	392	400	rBV	42490	55437	3.73%	0.411%
2	5.439	565	570	581	rBV	1197541	1217584	82.03%	9.031%
3	6.451	738	742	745	rBV	1375641	1296312	87.33%	9.615%
4	6.592	762	766	769	rBV	1620790	1351866	91.07%	10.028%
5	6.822	802	805	815	rBV	442677	360992	24.32%	2.678%
6	6.981	828	832	835	rBV	1213374	1001674	67.48%	7.430%
7	7.381	896	900	920	rBV	925698	826152	55.66%	6.128%
8	8.104	1019	1023	1030	rBV	499769	465352	31.35%	3.452%
9	9.175	1201	1205	1221	rBV	1741662	1467789	98.88%	10.887%
10	9.569	1268	1272	1287	rBB	144971	143556	9.67%	1.065%
11	9.851	1317	1320	1335	rBB	651423	566697	38.18%	4.204%
12	10.639	1450	1454	1466	rBV	902620	855123	57.61%	6.343%
13	11.333	1568	1572	1582	rBV	622090	583202	39.29%	4.326%
14	11.857	1659	1661	1669	rBV3	41801	51415	3.46%	0.381%
15	12.639	1791	1794	1800	rBV2	21605	32449	2.19%	0.241%
16	12.915	1837	1841	1844	rBV	1754828	1484391	100.00%	11.011%
17	13.815	1990	1994	2012	rBV4	84745	232993	15.70%	1.728%
18	13.968	2015	2020	2023	rBV	545647	509967	34.36%	3.783%
19	14.133	2042	2048	2051	rBV	22127	24141	1.63%	0.179%
20	14.433	2096	2099	2102	rBV	44516	34507	2.32%	0.256%
21	14.733	2147	2150	2153	rBV	69027	56376	3.80%	0.418%
22	14.992	2192	2194	2202	rVB5	12830	23594	1.59%	0.175%
23	15.062	2202	2206	2211	rBV	84769	90538	6.10%	0.672%
24	15.409	2260	2265	2275	rVB	361338	552828	37.24%	4.101%
25	15.856	2337	2341	2347	rBV	51641	81327	5.48%	0.603%
26	16.345	2418	2424	2430	rBV3	34653	65485	4.41%	0.486%
27	16.921	2517	2522	2528	rBV7	15838	29115	1.96%	0.216%
28	17.598	2633	2637	2643	rVB8	9934	20689	1.39%	0.153%

Sum of corrected areas: 13481551

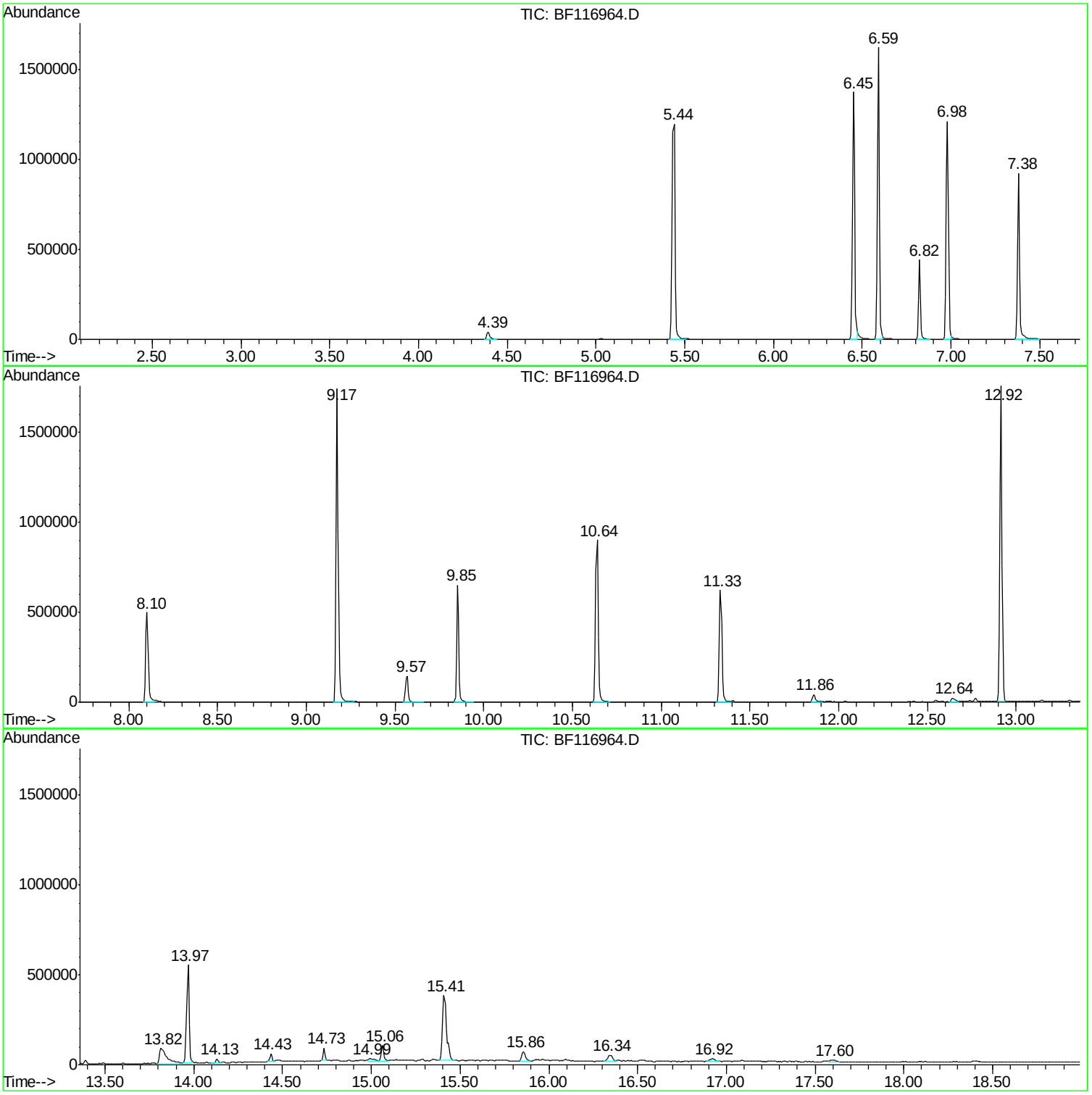
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116964.D
Acq On : 11 Sep 2019 23:21
Operator : HP/JU
Sample : K4819-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S(1-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116964.D
Acq On : 11 Sep 2019 23:21
Operator : HP/JU
Sample : K4819-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S(1-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

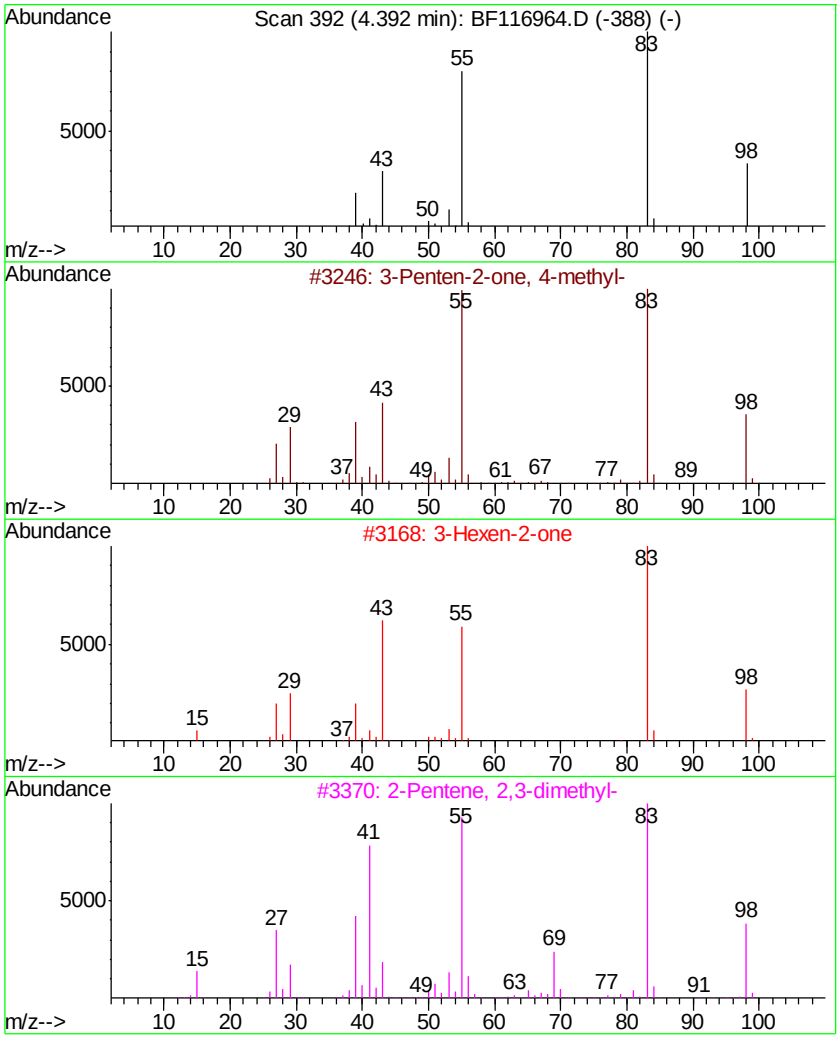
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

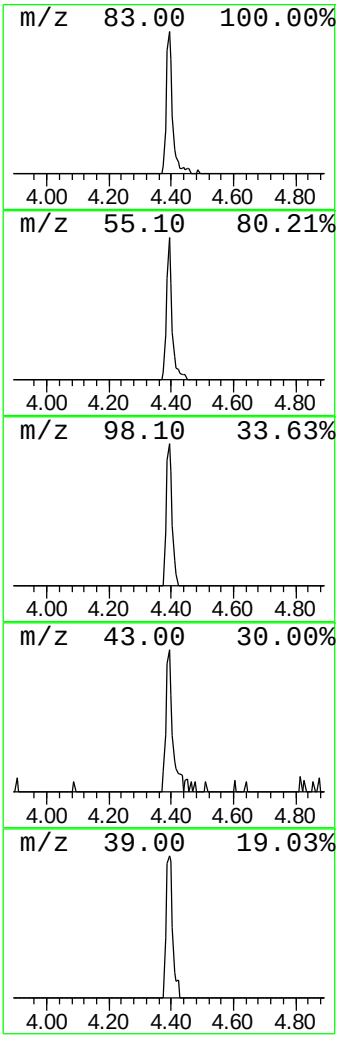
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.07 ng	55437	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	80
4	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116964.D
Acq On : 11 Sep 2019 23:21
Operator : HP/JU
Sample : K4819-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S(1-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

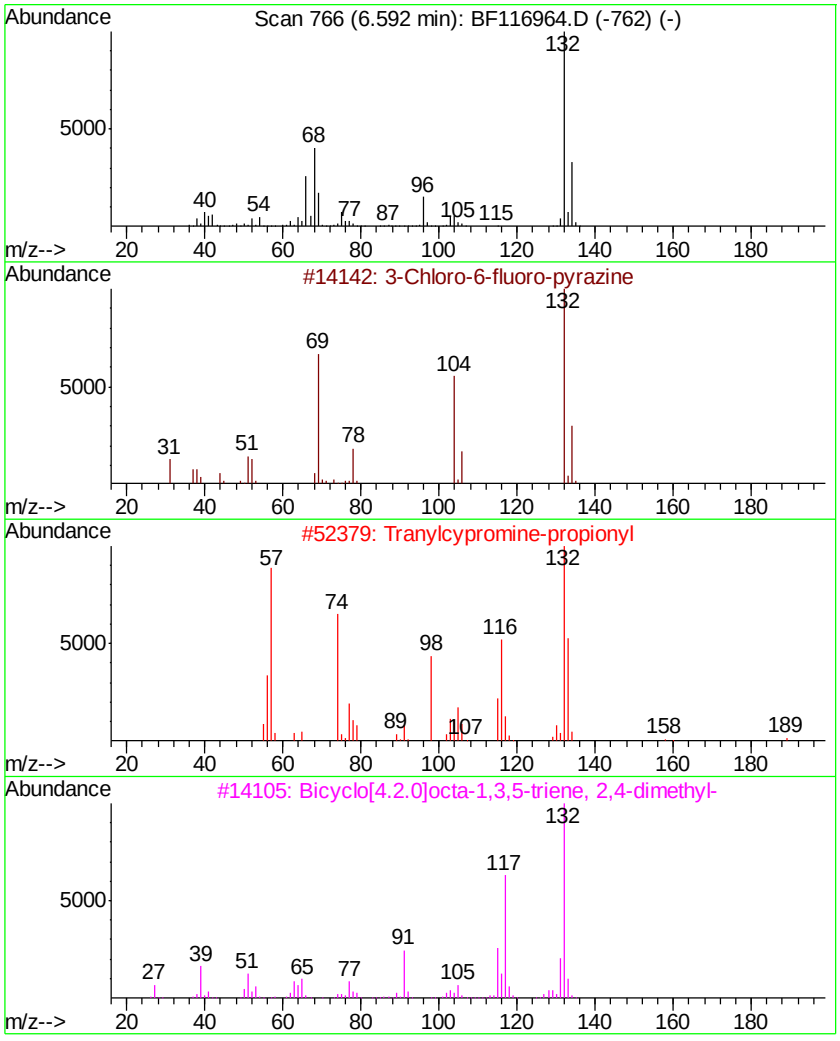
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

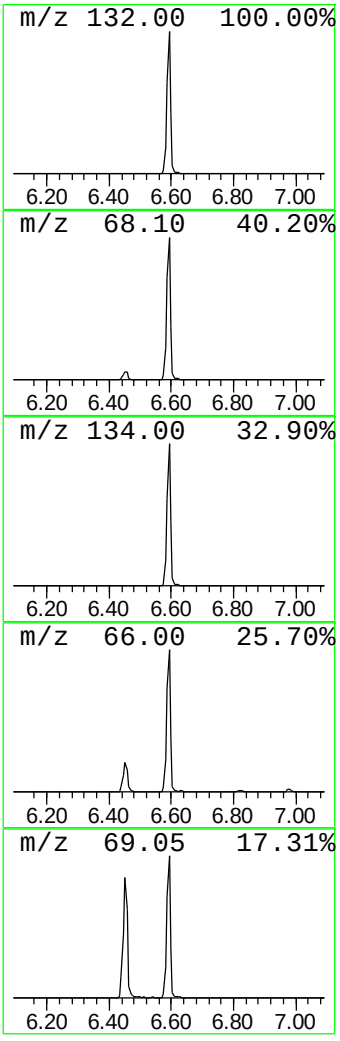
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	74.90 ng	1351870	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116964.D
Acq On : 11 Sep 2019 23:21
Operator : HP/JU
Sample : K4819-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S(1-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

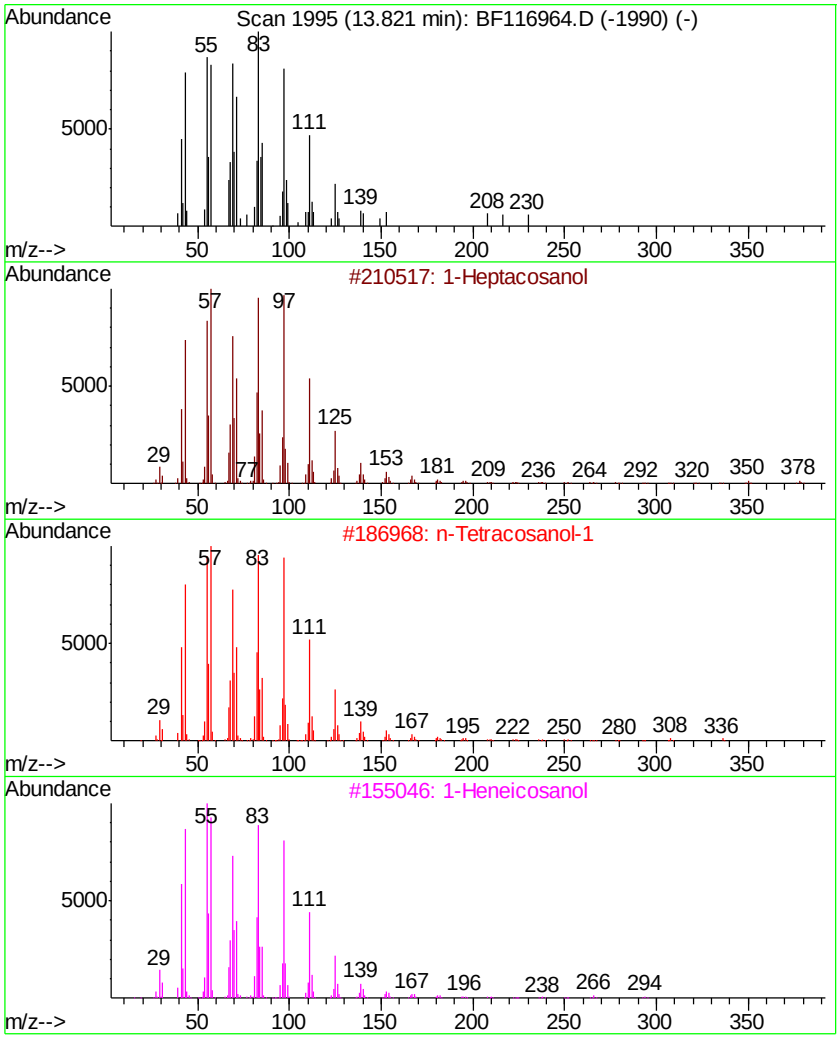
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

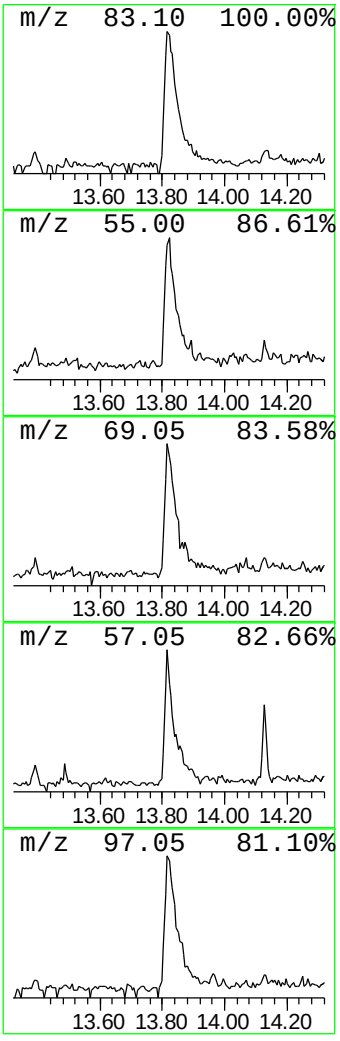
****

Peak Number 4 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	9.14 ng	232993	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	Behenic alcohol	326	C22H46O	000661-19-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116964.D
Acq On : 11 Sep 2019 23:21
Operator : HP/JU
Sample : K4819-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S(1-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

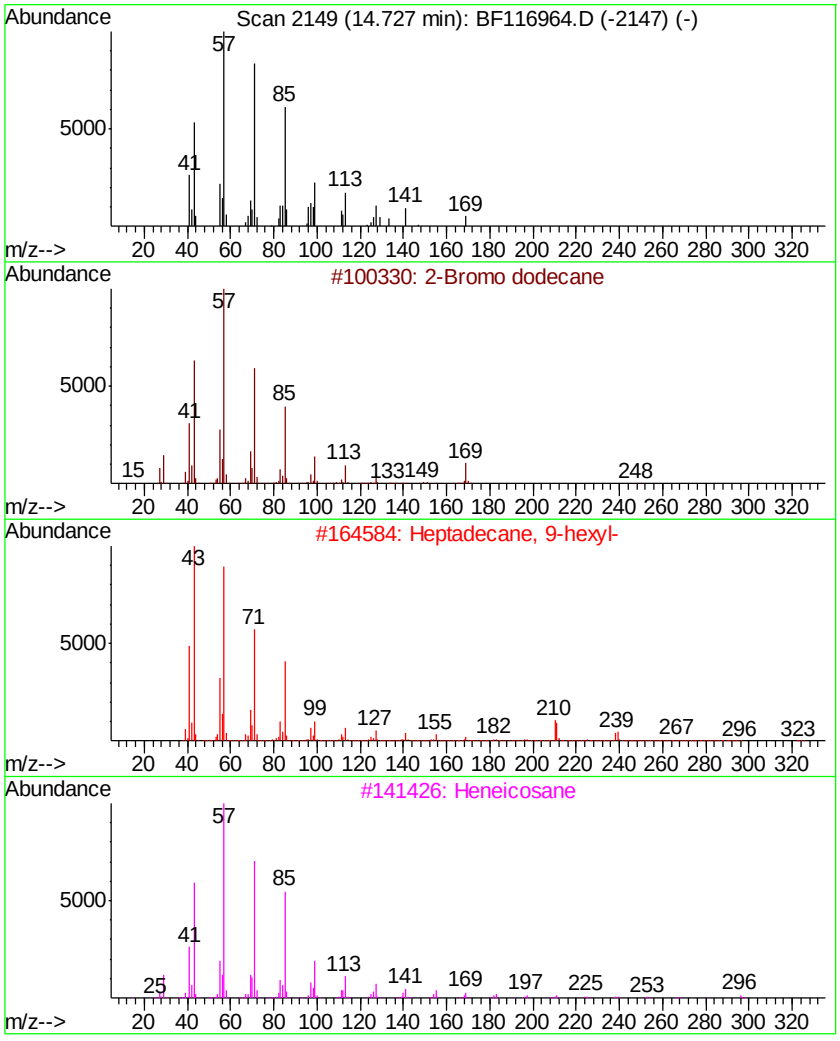
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

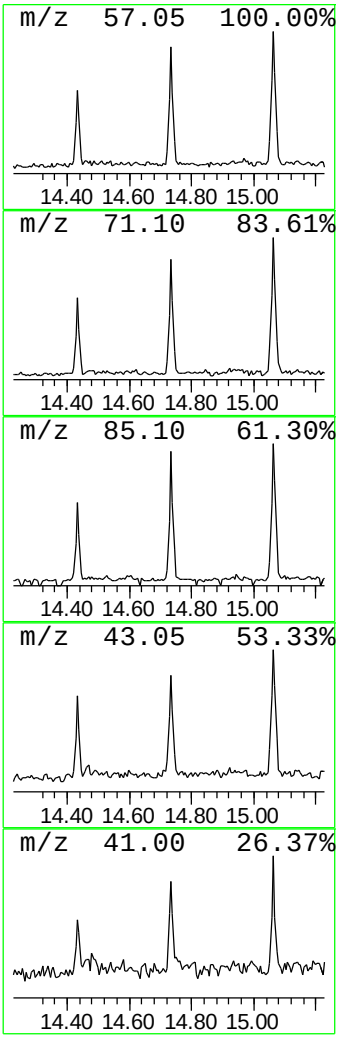
****

Peak Number 5 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.04 ng	56376	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Docosane	310	C22H46	000629-97-0	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116964.D
Acq On : 11 Sep 2019 23:21
Operator : HP/JU
Sample : K4819-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S(1-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

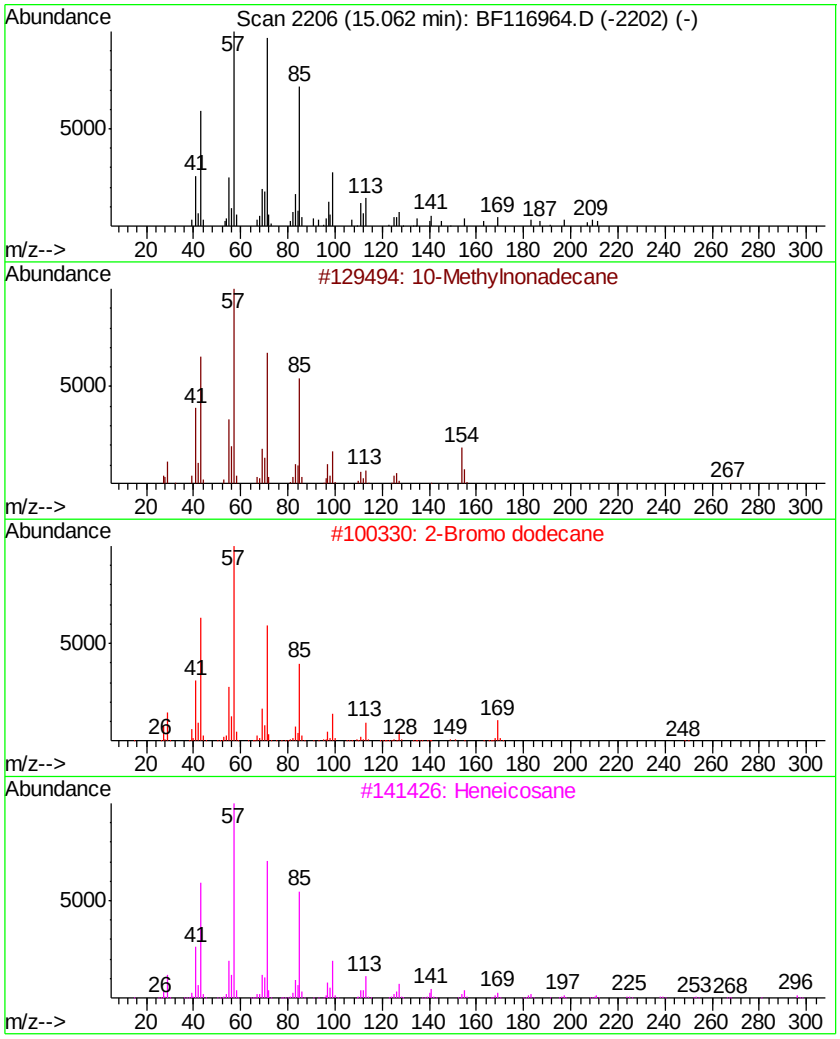
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

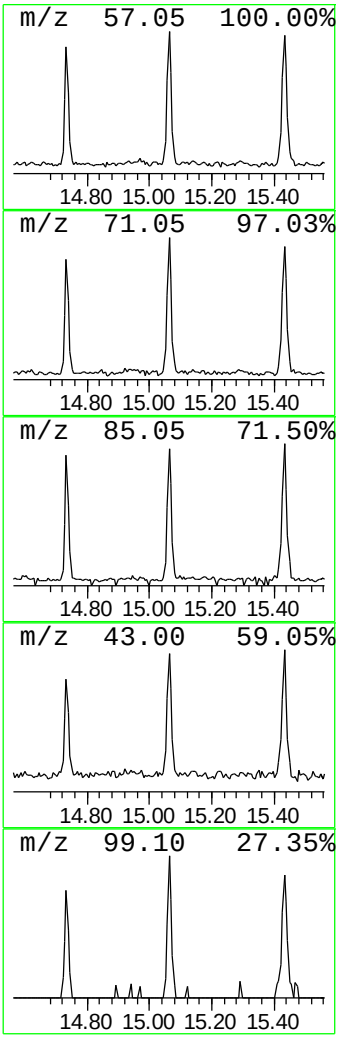
****

Peak Number 6 10-Methylnonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.28 ng	90538	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	87
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Hexacosane	366	C26H54	000630-01-3	83
5	Hentriacontane	437	C31H64	000630-04-6	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116964.D
Acq On : 11 Sep 2019 23:21
Operator : HP/JU
Sample : K4819-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S(1-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

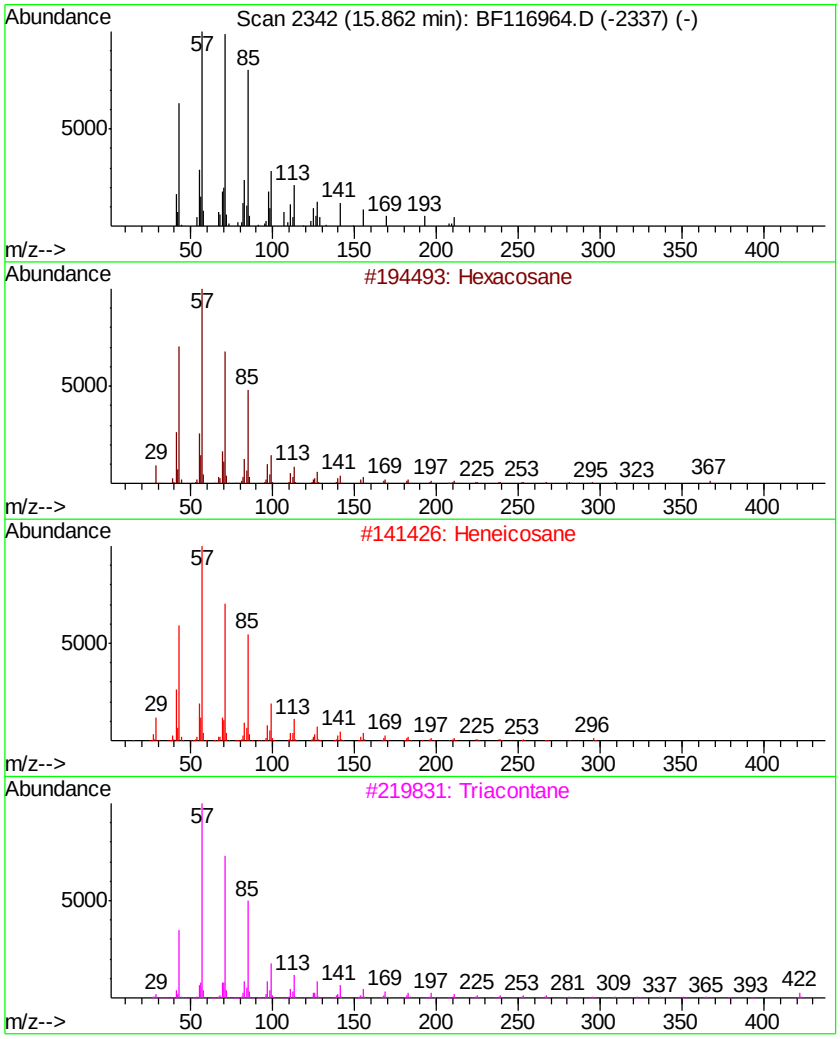
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

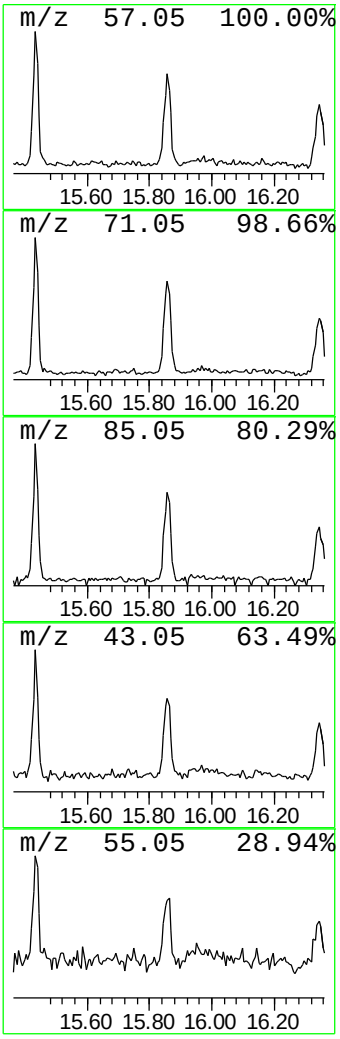
****

Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.94 ng	81327	Perylene-d12	15.41

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	Triacontane	422	C30H62	000638-68-6	91
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116964.D
Acq On : 11 Sep 2019 23:21
Operator : HP/JU
Sample : K4819-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S(1-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

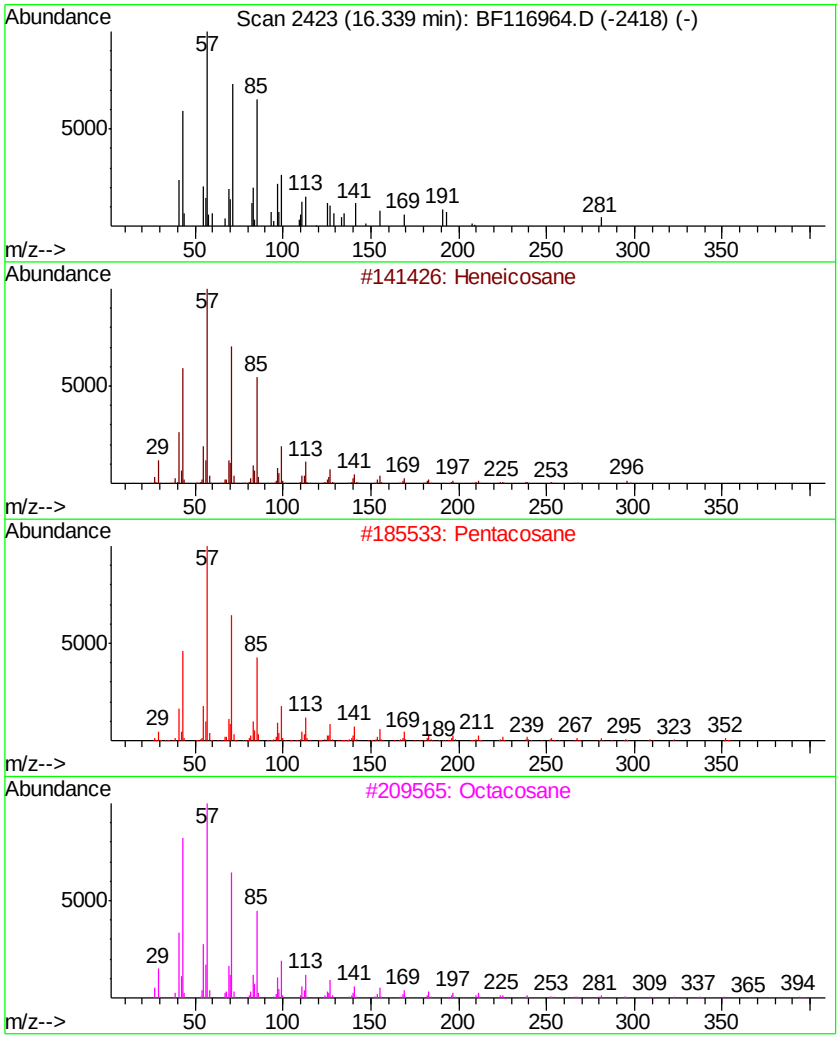
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

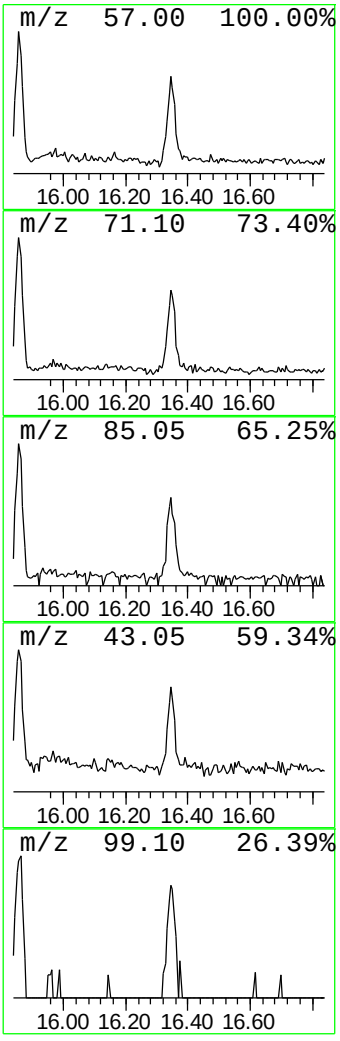
****

Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.37 ng	65485	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5	Triacontane	422	C30H62	000638-68-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091119\
Data File : BF116964.D
Acq On : 11 Sep 2019 23:21
Operator : HP/JU
Sample : K4819-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S(1-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
3-Penten-2-one, 4...	4.39	3.1	ng	55437	1	6.82	360992	20.0
unknown6.59	6.59	74.9	ng	1351870	1	6.82	360992	20.0
1-Heptacosanol	13.82	9.1	ng	232993	5	13.97	509967	20.0
2-Bromo dodecane	14.73	2.0	ng	56376	6	15.41	552828	20.0
10-Methylnonadecane	15.06	3.3	ng	90538	6	15.41	552828	20.0
Hexacosane	15.86	2.9	ng	81327	6	15.41	552828	20.0
Heneicosane	16.34	2.4	ng	65485	6	15.41	552828	20.0