LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110564.D
Acq On : 7 Nov 2018 19:14
Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-D

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-BF102318.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	2.269	26	31	45	rVB	307689	442657	27.11%	3.055%
2	5.193	524	528	539	rBV	44806	67650	4.14%	0.467%
3	5.575	589	593	606	rBV	1625968	1545678	94.65%	10.668%
4	6.575	759	763	779	rBV	1429444	1633100	100.00%	11.272%
5	6.722	784	788	791	rBV	1928346	1621733	99.30%	11.193%
6	6.951	823	827	833	rBV	492518	396335	24.27%	2.735%
7	7.104	849	853	864	rBV	1318524	1264935	77.46%	8.731%
8	7.516	919	923	933	rBV	1022314	968770	59.32%	6.686%
9	8.233	1041	1045	1066	rBV	451337	462766	28.34%	3.194%
10	9.304	1223	1227	1237	rBV	1670093	1522382	93.22%	10.507%
11	9.698	1291	1294	1300	rBV	157755	148381	9.09%	1.024%
12	9.992	1341	1344	1354	rVB	456694	417188	25.55%	2.879%
13	10.786	1475	1479	1492	rBV	735918	734009	44.95%	5.066%
14	11.486	1594	1598	1606	rBV	373019	397140	24.32%	2.741%
15	11.986	1680	1683	1688	rBV	70632	77858	4.77%	0.537%
16	12.704	1802	1805	1810	rBV	105273	96723	5.92%	0.668%
17	12.933	1838	1844	1850	rVB	91797	109431	6.70%	0.755%
18	13.068	1863	1867	1870	rBV	1463123	1214553	74.37%	8.383%
19	13.327	1905	1911	1913	rBV7	11196	22882	1.40%	0.158%
20	13.492	1937	1939	1943	rBV4	22031	29331	1.80%	0.202%
21	13.945	2012	2016	2022	rBV	138701	176066	10.78%	1.215%
22	14.133	2044	2048	2051	rBV	469593	506152	30.99%	3.493%
23	14.568	2119	2122	2130	rBV5	45705	73903	4.53%	0.510%
24	14.880	2173	2175	2179	rVB	71797	71121	4.35%	0.491%
25	15.233	2233	2235	2239	rVB	115069	133335	8.16%	0.920%
26	15.633	2300	2303	2305	rBV	76200	92098	5.64%	0.636%
27	15.662	2305	2308	2312	rVB	195781	262457	16.07%	1.811%

Sum of corrected areas: 14488634

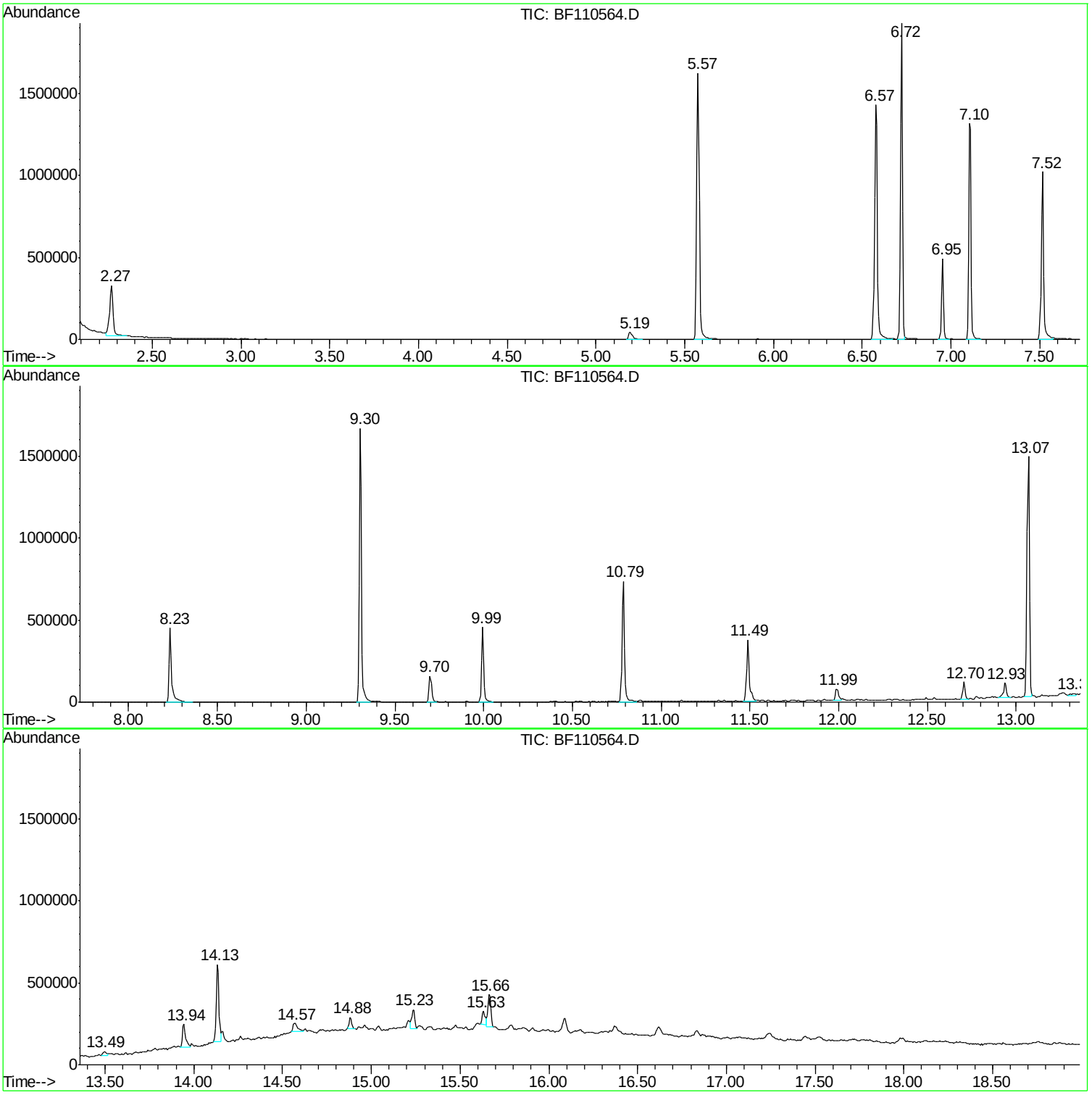
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110564.D
Acq On : 7 Nov 2018 19:14
Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF110718\
Data File : BF110564.D
Acq On : 7 Nov 2018 19:14
Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

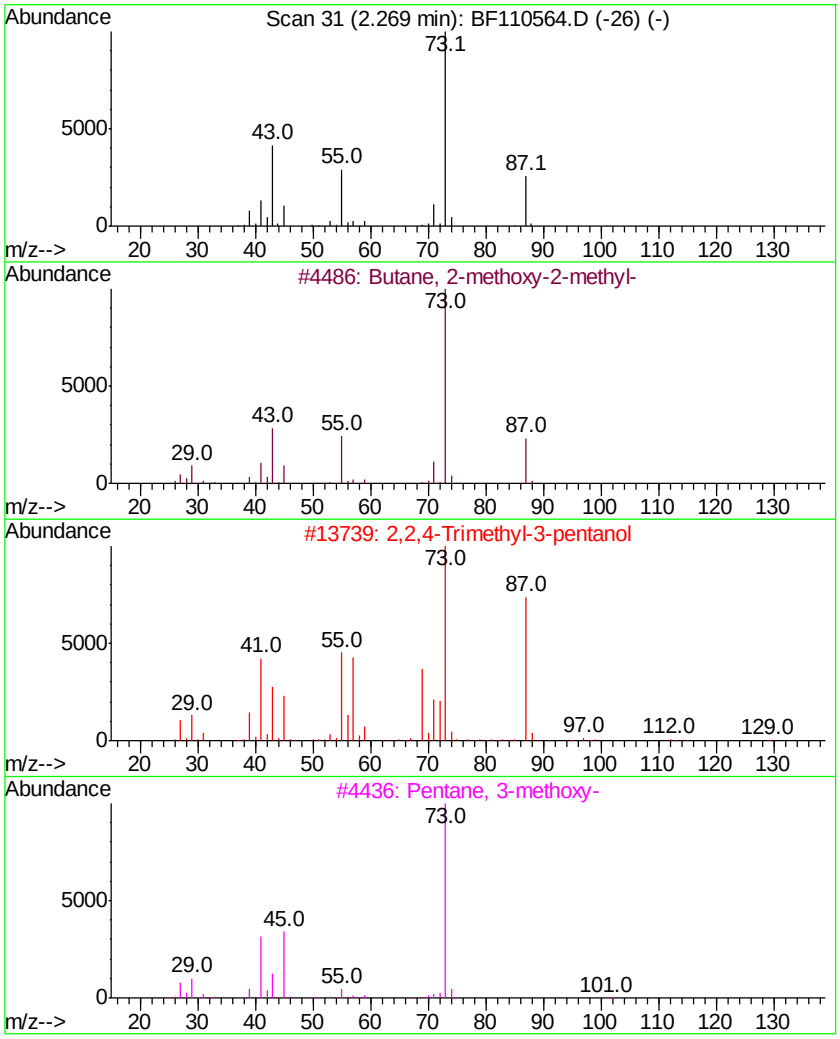
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

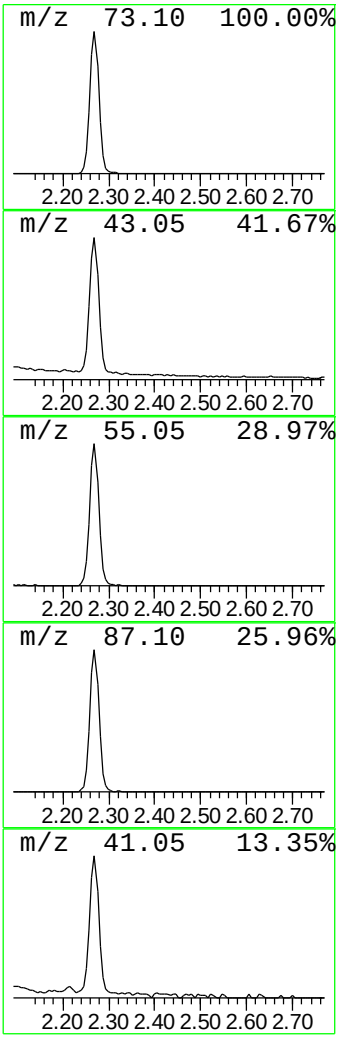
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	22.34 ng	442657	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110564.D
Acq On : 7 Nov 2018 19:14
Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

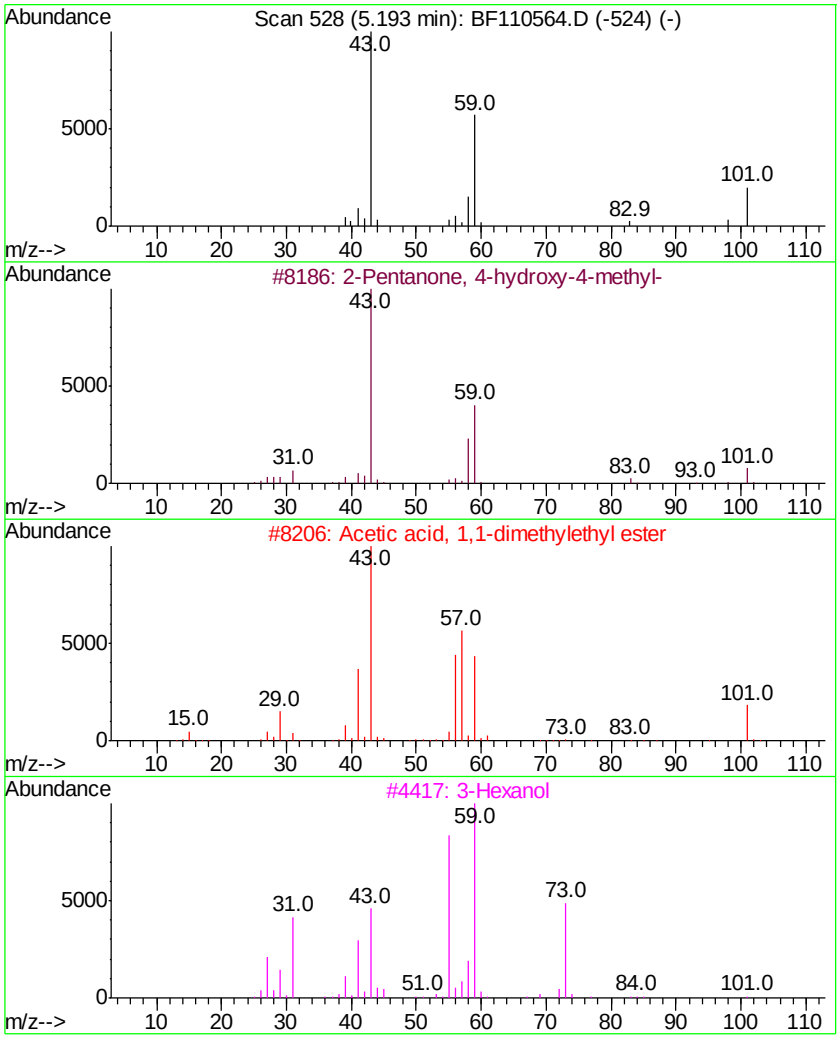
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

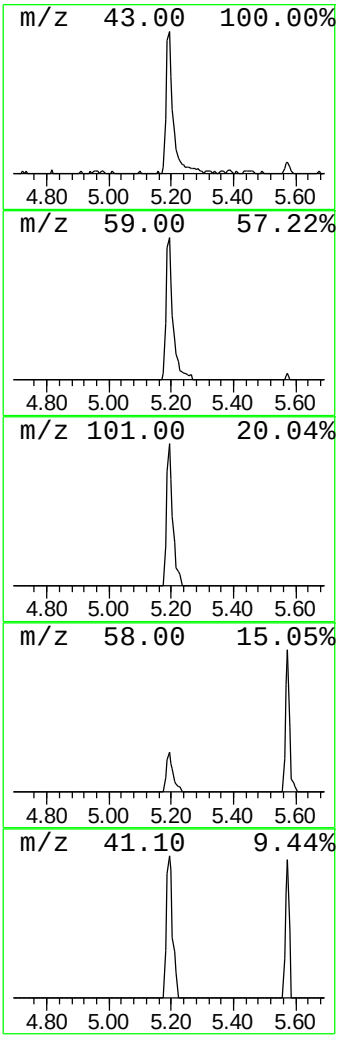
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.41 ng	67650	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	Propylamine	59	C3H9N	000107-10-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110564.D
Acq On : 7 Nov 2018 19:14
Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

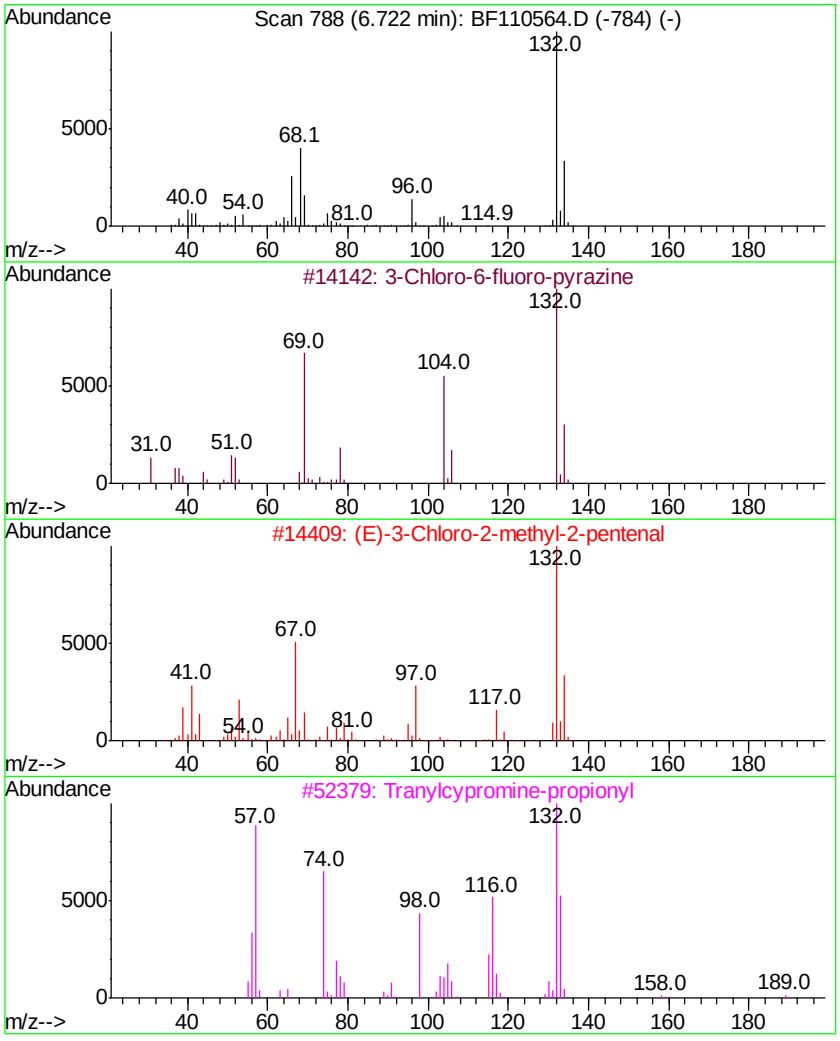
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

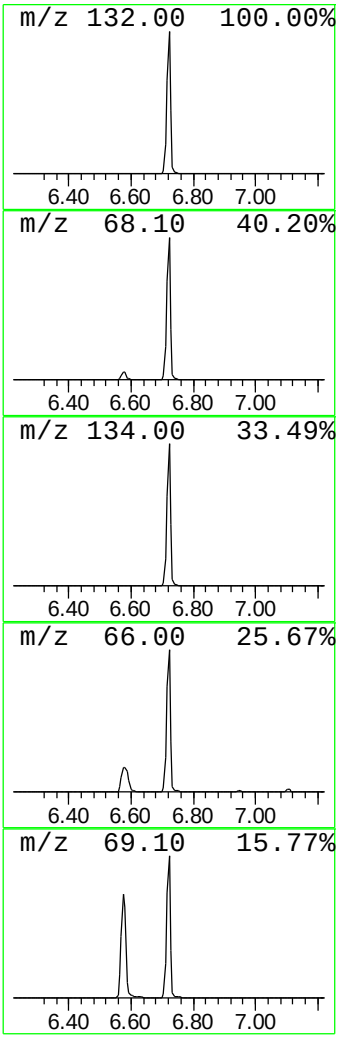
****

Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	81.84 ng	1621730	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110564.D
Acq On : 7 Nov 2018 19:14
Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

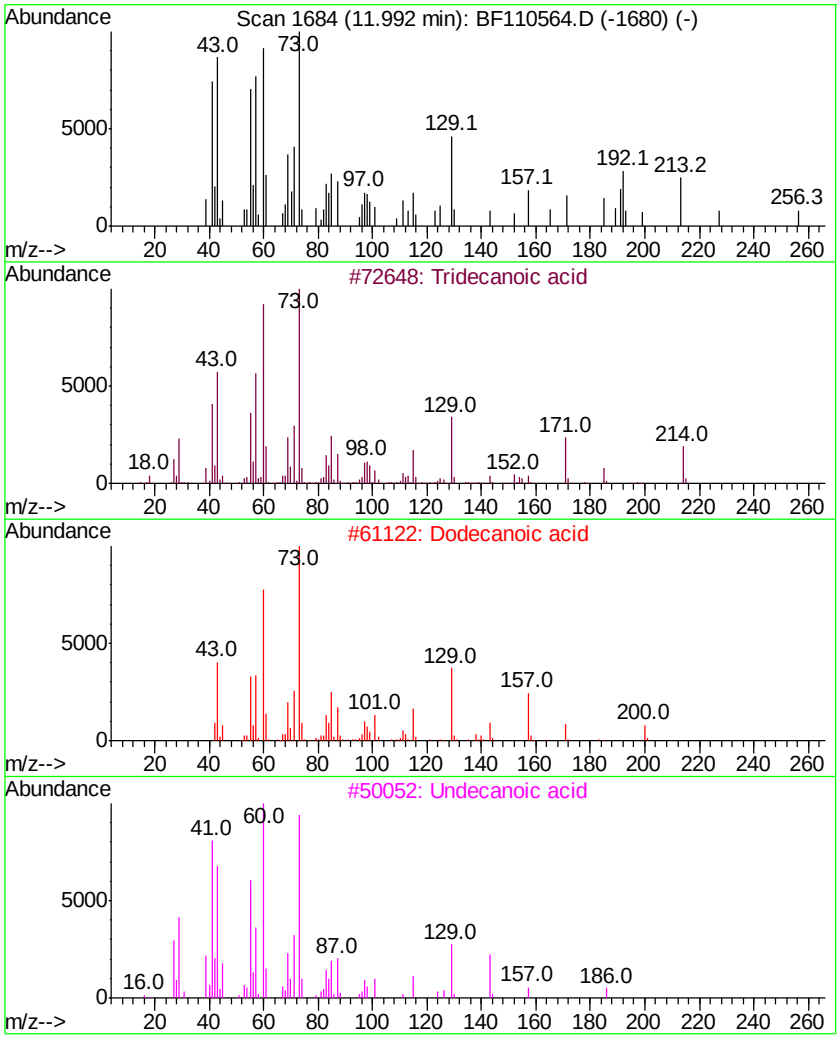
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

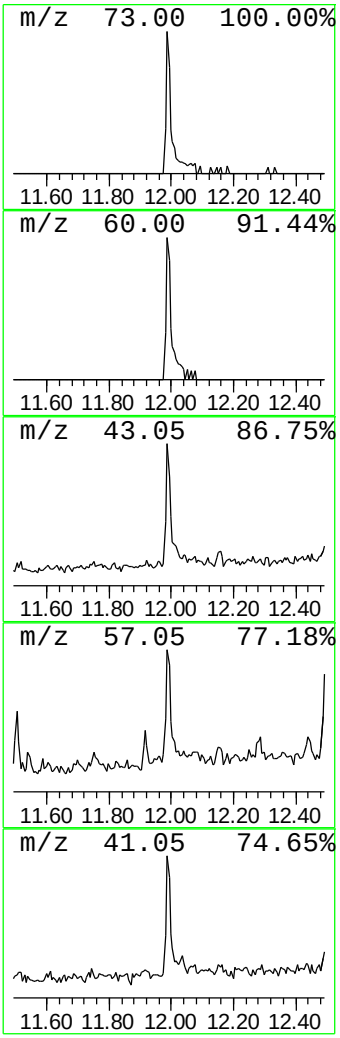
****

Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.92 ng	77858	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	64
2	Dodecanoic acid	200	C12H24O2	000143-07-7	58
3	Undecanoic acid	186	C11H22O2	000112-37-8	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	49
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110564.D
Acq On : 7 Nov 2018 19:14
Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

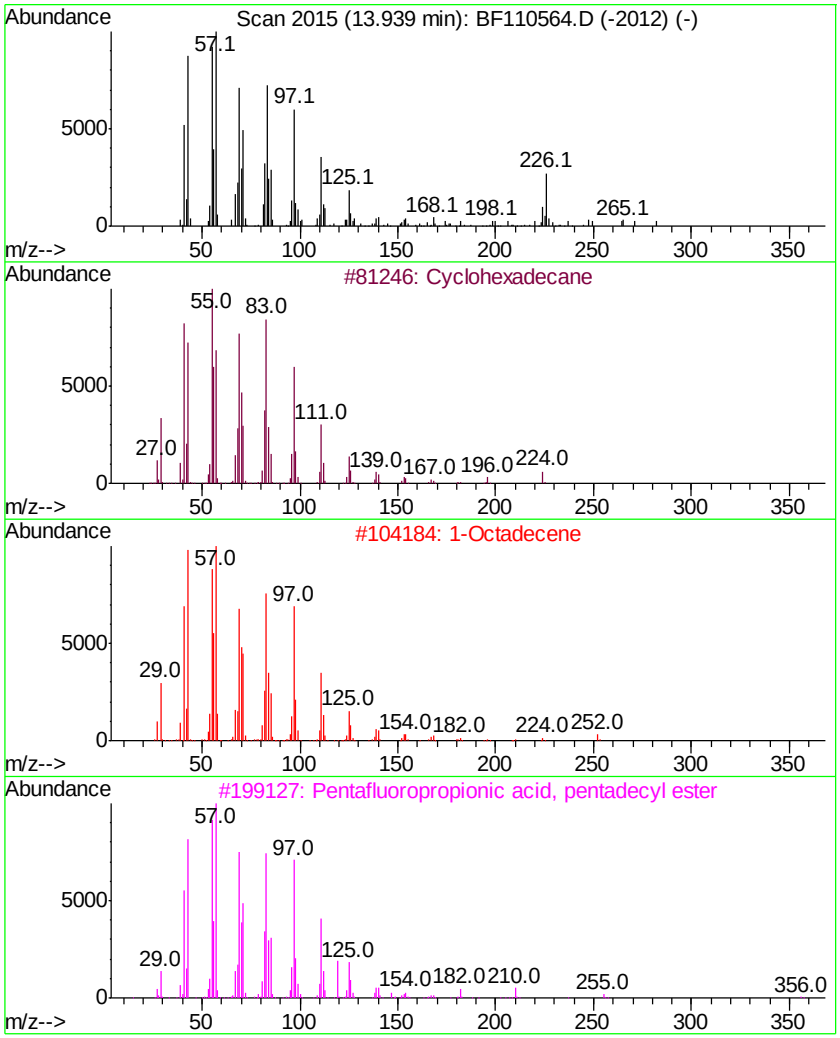
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

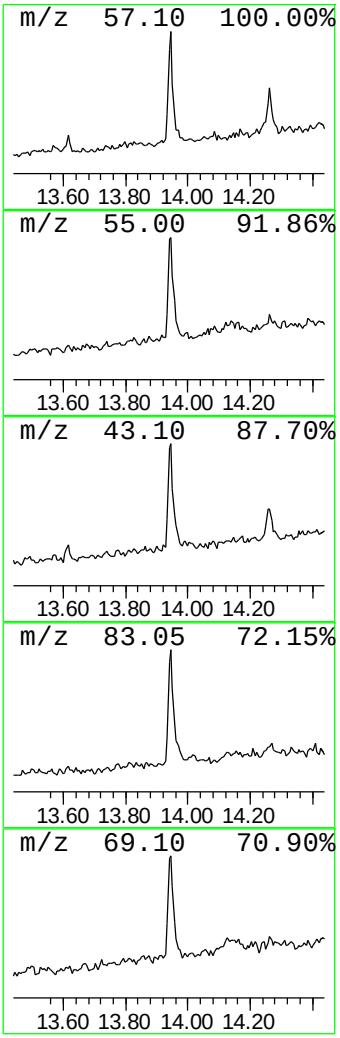
****

Peak Number 6 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	6.96 ng	176066	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	1-Octadecene	252	C18H36	000112-88-9	91
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
5	E-7-Octadecene	252	C18H36	1000130-92-0	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110564.D
Acq On : 7 Nov 2018 19:14
Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

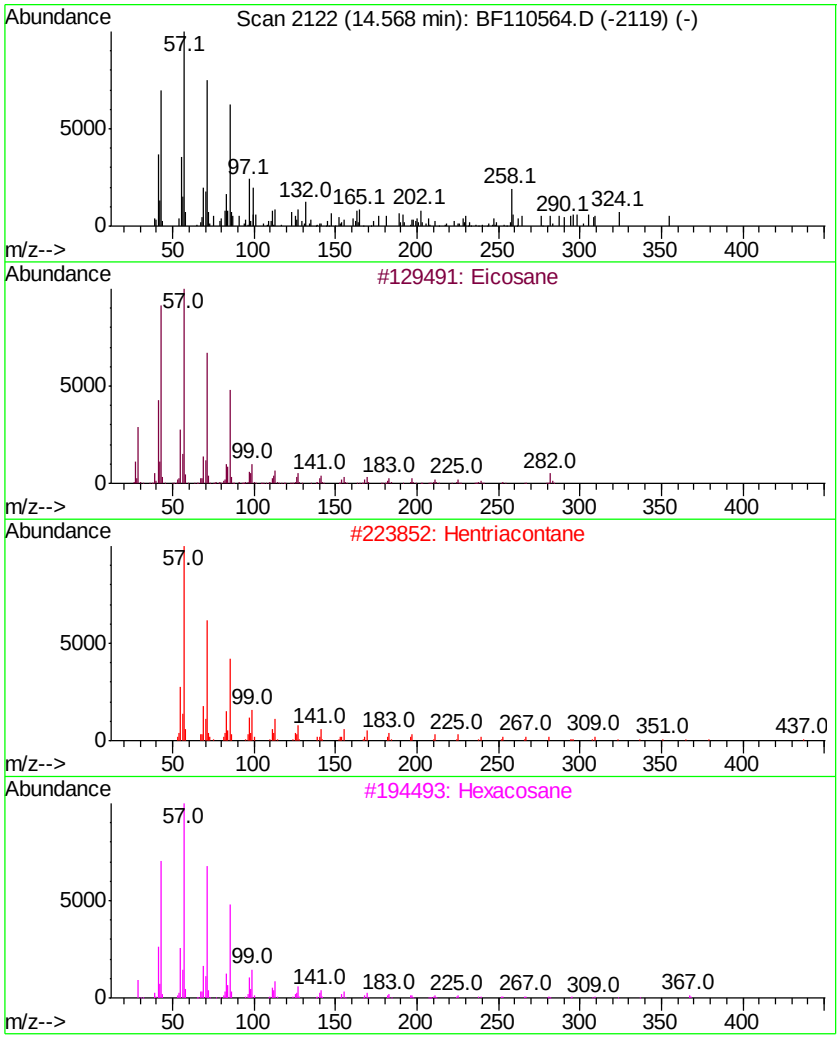
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

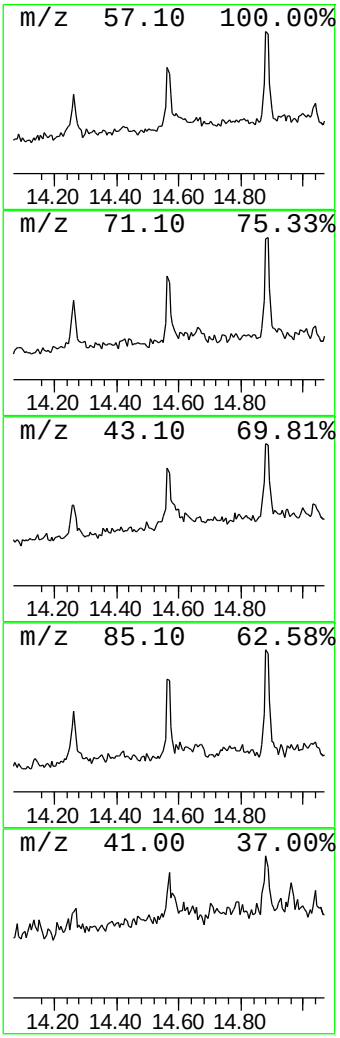
****

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.92 ng	73903	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Hentriacontane	437	C31H64	000630-04-6	64
3	Hexacosane	366	C26H54	000630-01-3	62
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	59
5	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110564.D
Acq On : 7 Nov 2018 19:14
Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

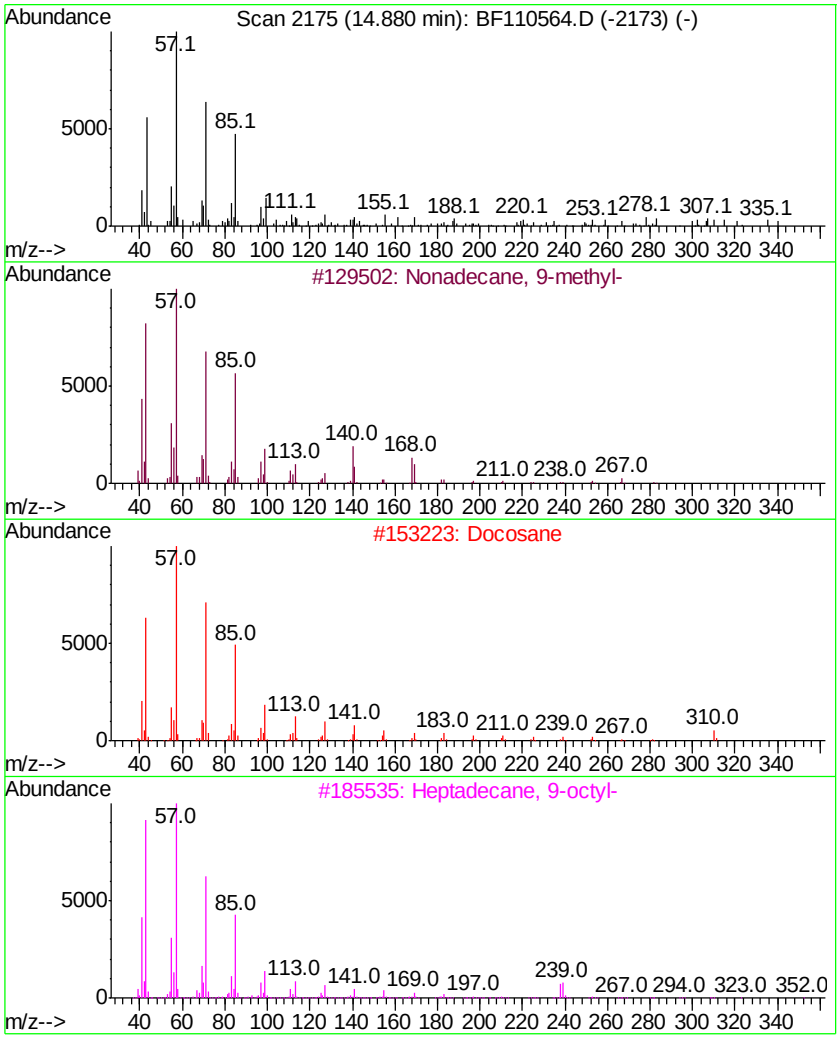
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

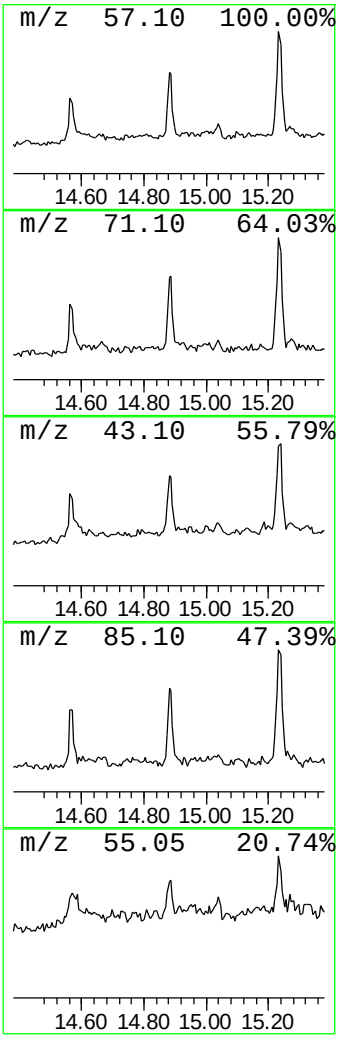
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	2.81 ng	71121	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	76
2	Docosane	310	C22H46	000629-97-0	76
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68
4	Octacosane	394	C28H58	000630-02-4	68
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110718\
Data File : BF110564.D
Acq On : 7 Nov 2018 19:14
Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Butane, 2-methoxy...	2.27	22.3	ng	442657	1	6.95	396335	20.0
2-Pentanone, 4-hy...	5.19	3.4	ng	67650	1	6.95	396335	20.0
unknown6.72	6.72	81.8	ng	1621730	1	6.95	396335	20.0
Tridecanoic acid	11.99	3.9	ng	77858	4	11.49	397140	20.0
Cyclohexadecane	13.94	7.0	ng	176066	5	14.13	506152	20.0
Eicosane	14.57	2.9	ng	73903	5	14.13	506152	20.0
Nonadecane, 9-met...	14.88	2.8	ng	71121	5	14.13	506152	20.0