LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-6

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-BF120619.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	5.063	502	506	523	rVB	339814	416372	17.10%	1.503%
2	5.475	572	576	599	rBV	2240084	2128445	87.44%	7.685%
3	6.492	744	749	768	rBV	2259224	2398091	98.51%	8.659%
4	6.628	768	772	775	rBV	2997835	2434267	100.00%	8.789%
5	6.857	807	811	819	rBV	759820	607586	24.96%	2.194%
6	7.016	834	838	841	rBV	1972577	1765911	72.54%	6.376%
7	7.422	903	907	910	rBV	1565988	1362273	55.96%	4.919%
8	8.145	1026	1030	1045	rBV	859022	789620	32.44%	2.851%
9	9.222	1209	1213	1224	rBV	2922164	2385321	97.99%	8.612%
10	9.616	1277	1280	1293	rVB	265115	262980	10.80%	0.950%
11	9.904	1325	1329	1343	rVB	1066838	938402	38.55%	3.388%
12	10.698	1460	1464	1476	rBV	2008039	1889836	77.63%	6.823%
13	11.057	1522	1525	1529	rBV	37902	38436	1.58%	0.139%
14	11.398	1579	1583	1592	rBV	1066466	954392	39.21%	3.446%
15	11.933	1668	1674	1686	rBV	1320897	1592004	65.40%	5.748%
16	12.327	1738	1741	1746	rBV5	31240	41858	1.72%	0.151%
17	12.457	1759	1763	1771	rVB8	24030	49950	2.05%	0.180%
18	12.651	1783	1796	1804	rBV	575981	1122213	46.10%	4.052%
19	12.716	1804	1807	1816	rVB	1343056	1526897	62.73%	5.513%
20	12.986	1849	1853	1857	rBV	2647368	2294199	94.25%	8.283%
21	13.127	1873	1877	1879	rBV	45456	41575	1.71%	0.150%
22	13.210	1887	1891	1892	rBV4	24369	28930	1.19%	0.104%
23	13.433	1927	1929	1932	rBV4	28723	33714	1.38%	0.122%
24	13.492	1936	1939	1942	rVB	35305	34210	1.41%	0.124%
25	13.845	1995	1999	2003	rBV	427720	469323	19.28%	1.695%
26	13.886	2003	2006	2016	rVB	163008	233181	9.58%	0.842%
27	14.051	2030	2034	2041	rBV	711566	672209	27.61%	2.427%
28	14.204	2057	2060	2064	rVB	40319	40508	1.66%	0.146%
29	14.510	2109	2112	2114	rBV	57582	51258	2.11%	0.185%
30	14.815	2161	2164	2167	rBV	62057	65955	2.71%	0.238%
31	15.162	2219	2223	2230	rVB	87797	113249	4.65%	0.409%
32	15.545	2282	2288	2300	rBV	529493	804293	33.04%	2.904%
33	15.992	2362	2364	2369	rVB	48541	56783	2.33%	0.205%
34	16.504	2449	2451	2458	rVB3	33438	51931	2.13%	0.188%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-6

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

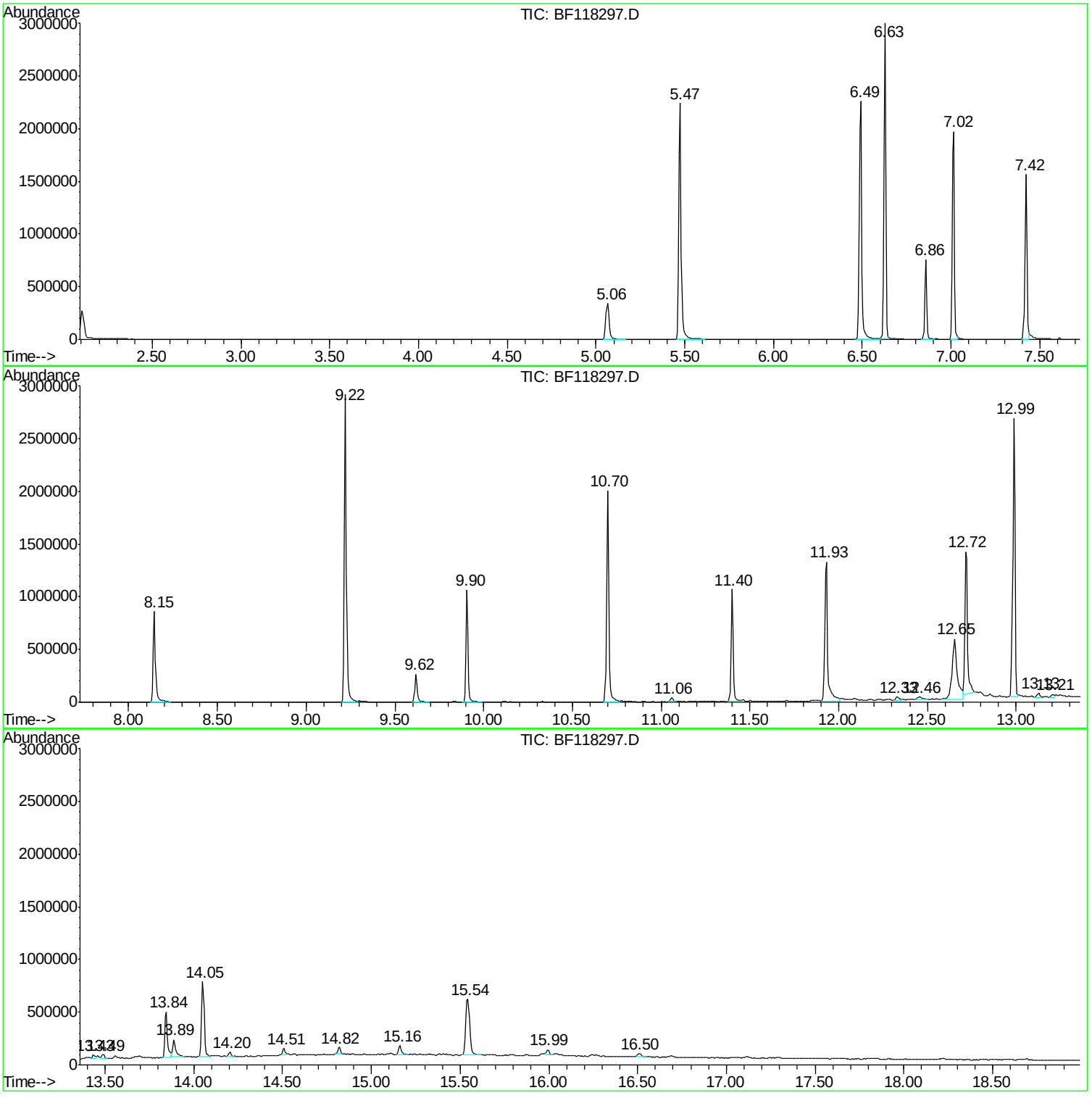
Sum of corrected areas: 27696172

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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\BF121919\
Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

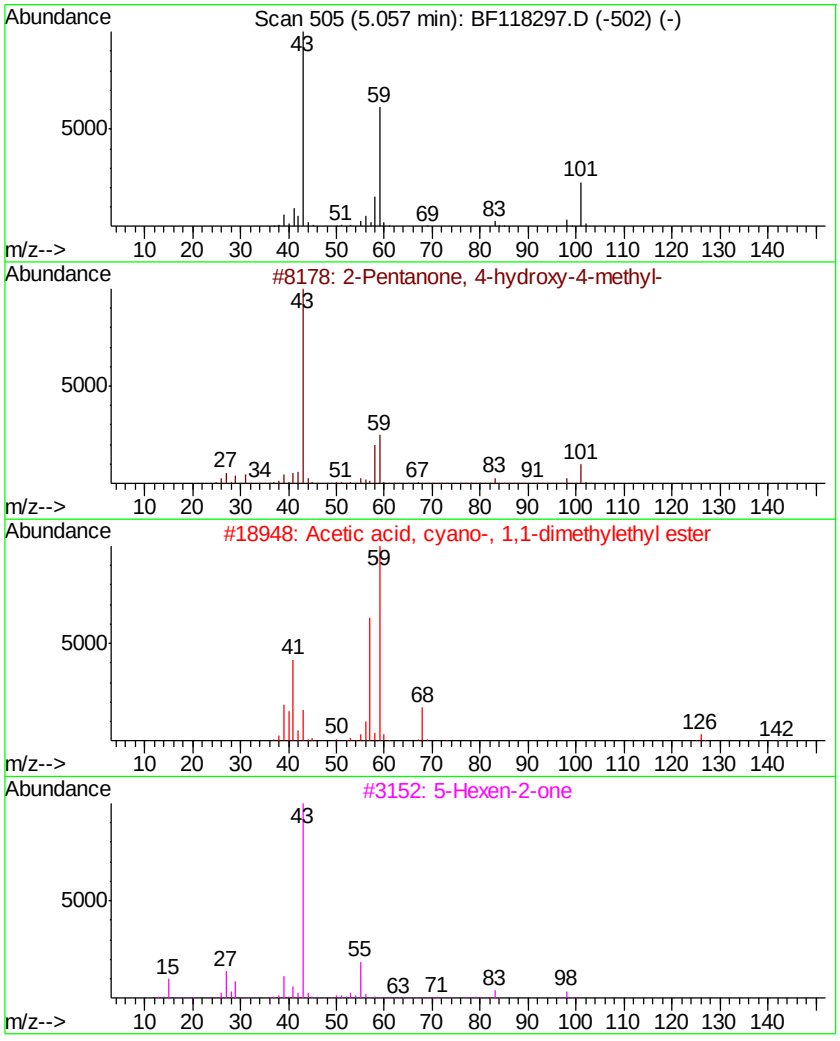
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

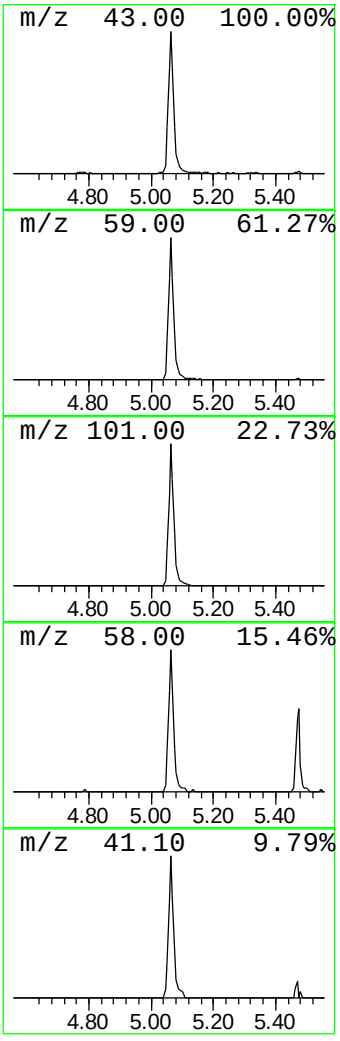
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	13.71 ng	416372	1,4-Dichlorobenzene-d4	6.86

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

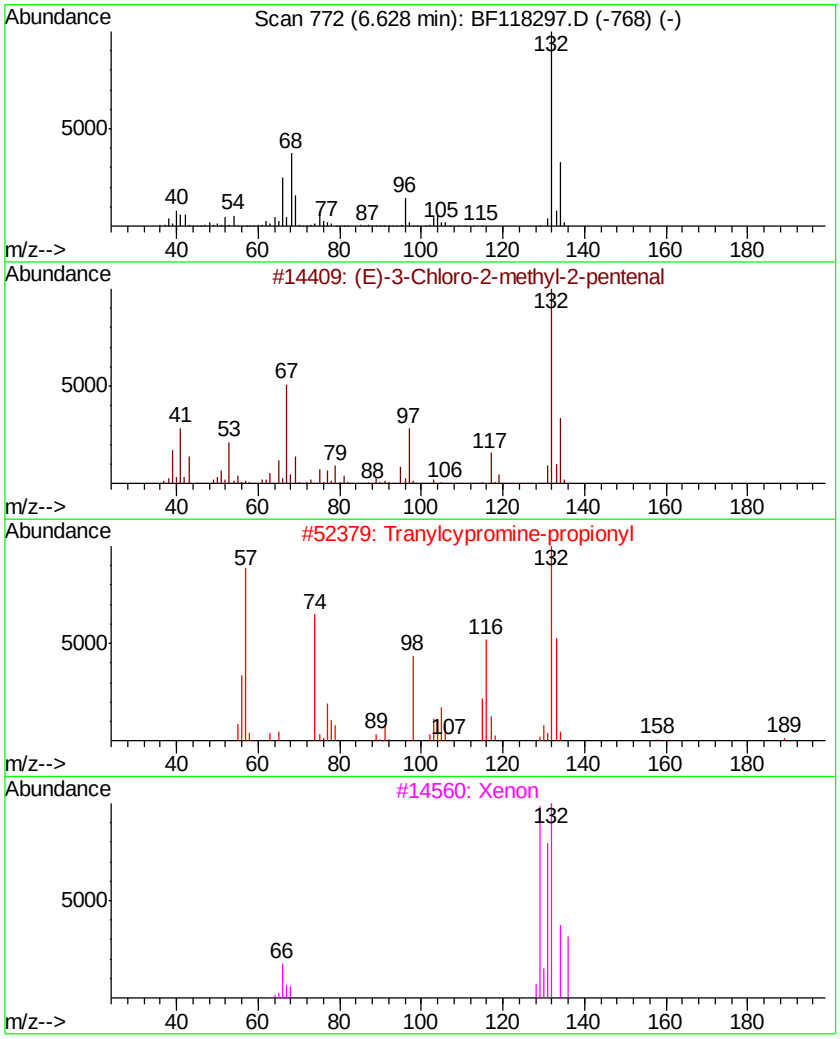
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

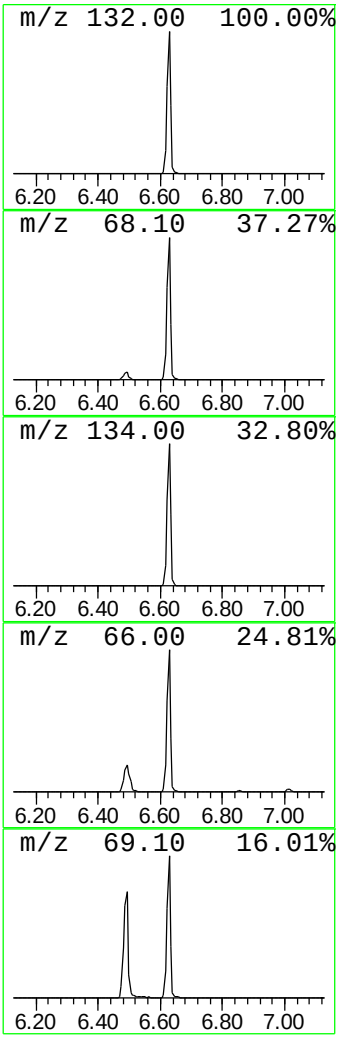
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	80.13 ng	2434270	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	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\BF121919\
Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

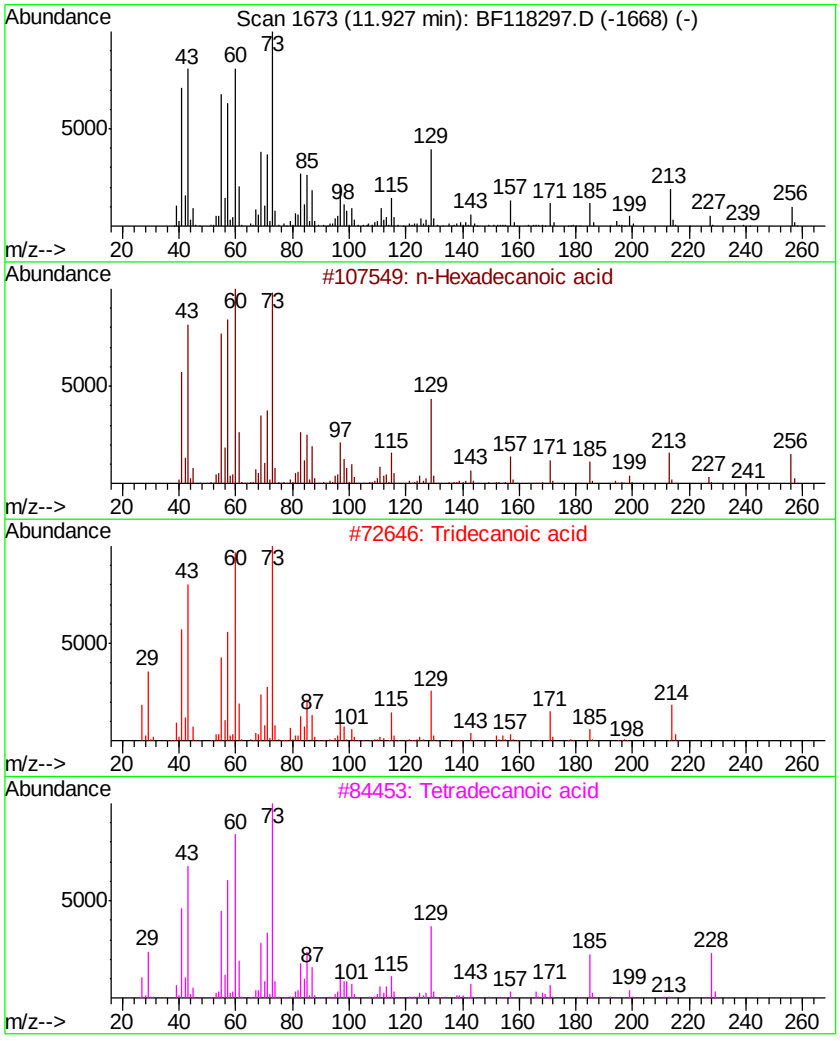
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

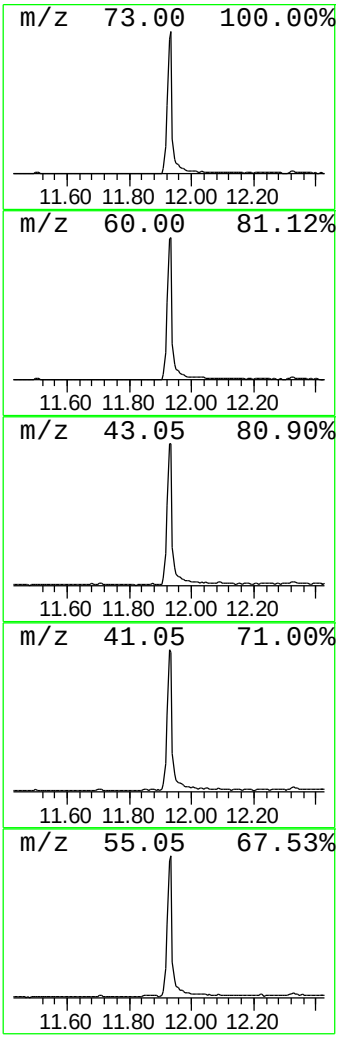
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	33.36 ng	1592000	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

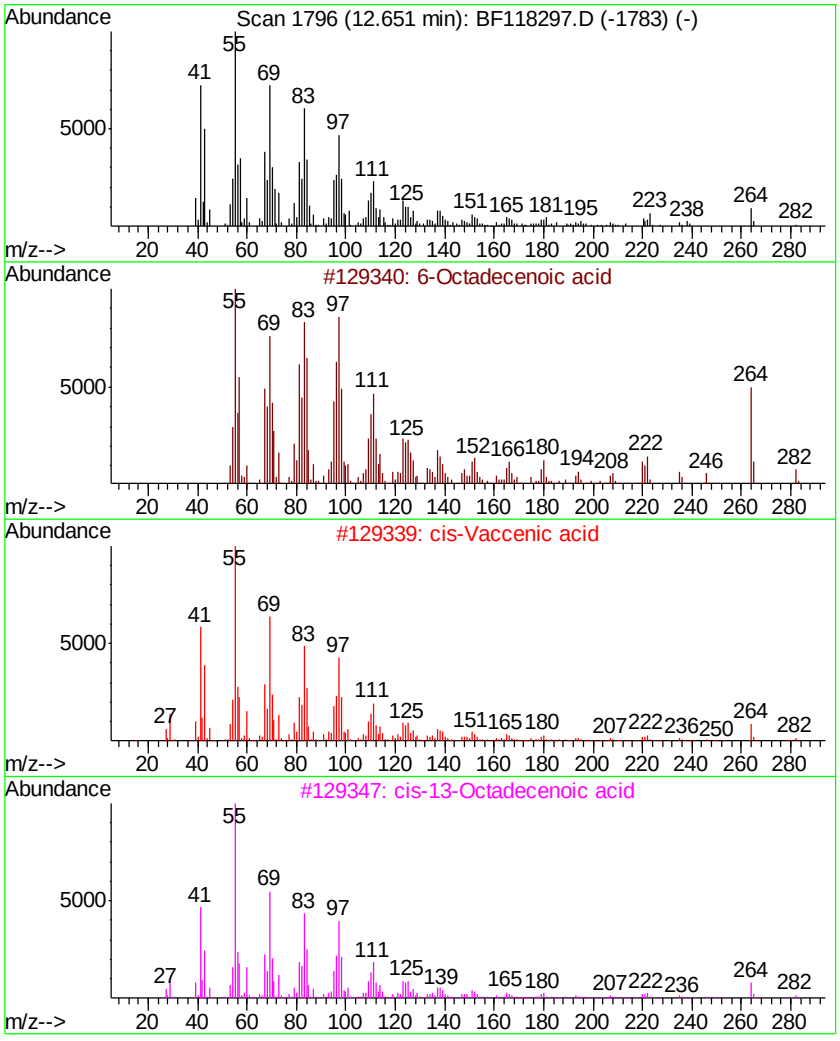
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

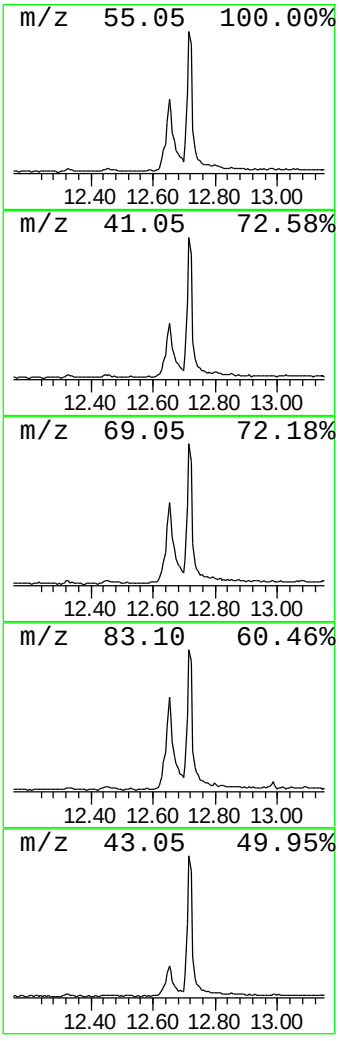
****

Peak Number 5 6-Octadecenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	23.52 ng	1122210	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	98
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	98
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	98
4	Oleic Acid	282	C18H34O2	000112-80-1	97
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	96





Library Search Compound Report

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Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

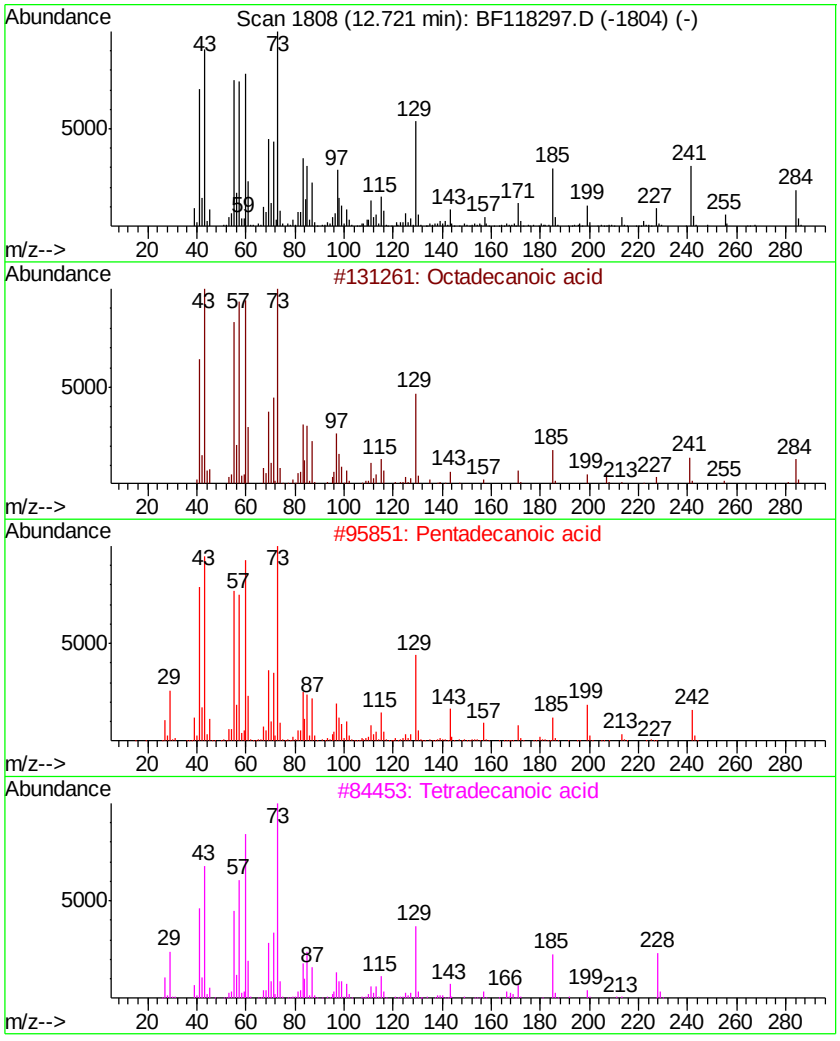
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

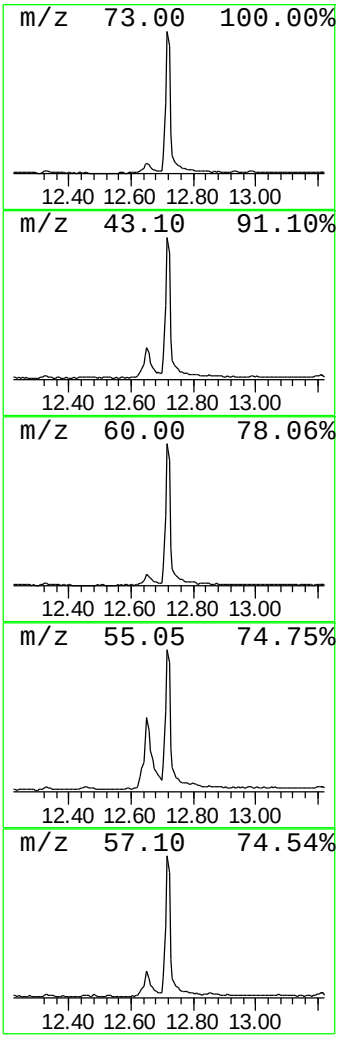
****

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	32.00 ng	1526900	Phenanthrene-d10	11.40

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

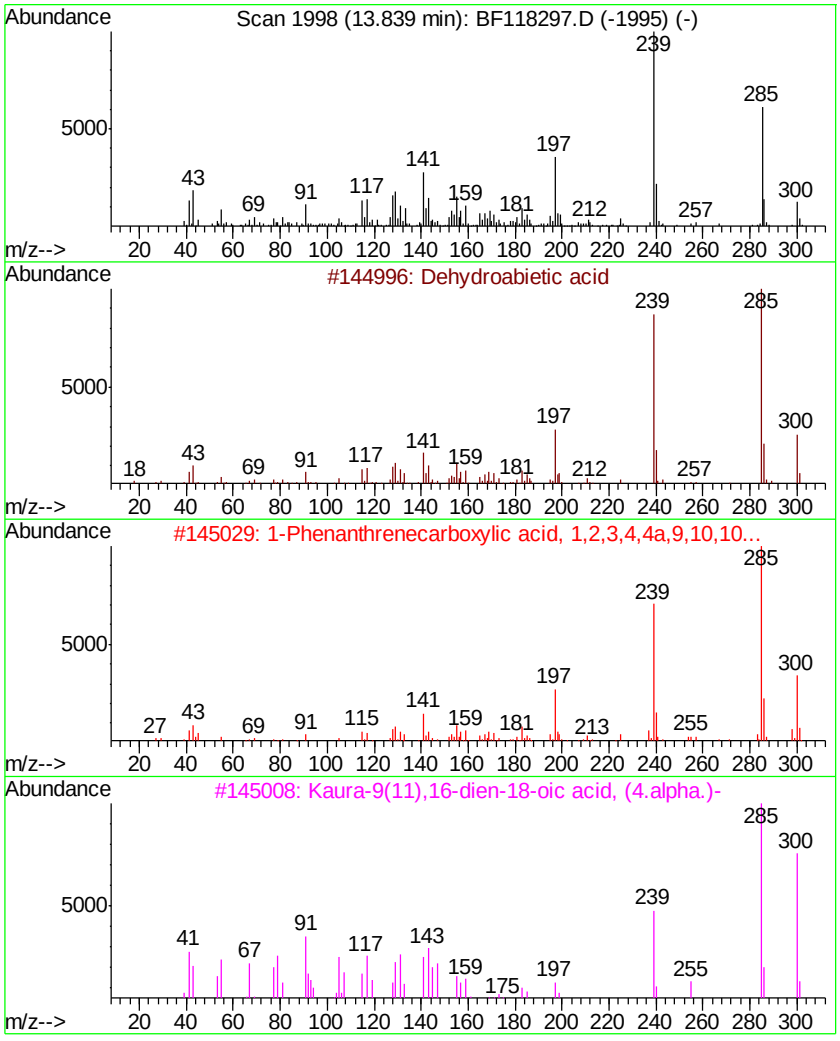
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

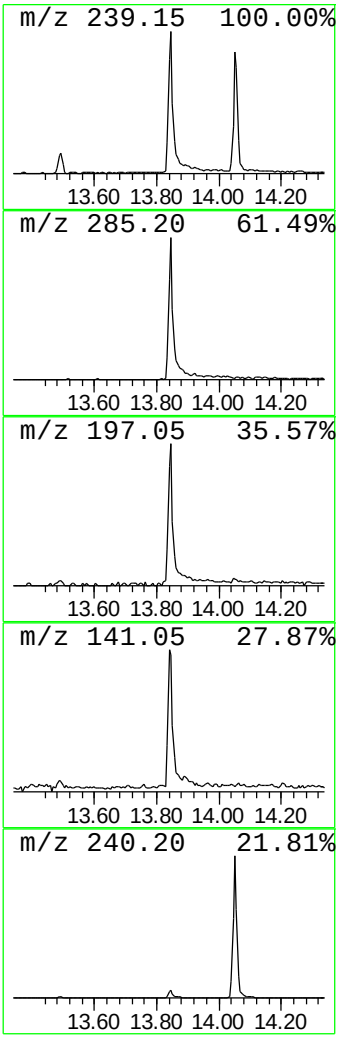
****

Peak Number 7 Dehydroabietic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	13.96 ng	469323	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
3	Kaura-9(11),16-dien-18-oic acid,...	300	C20H28O2	022338-67-6	86
4	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	81
5	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

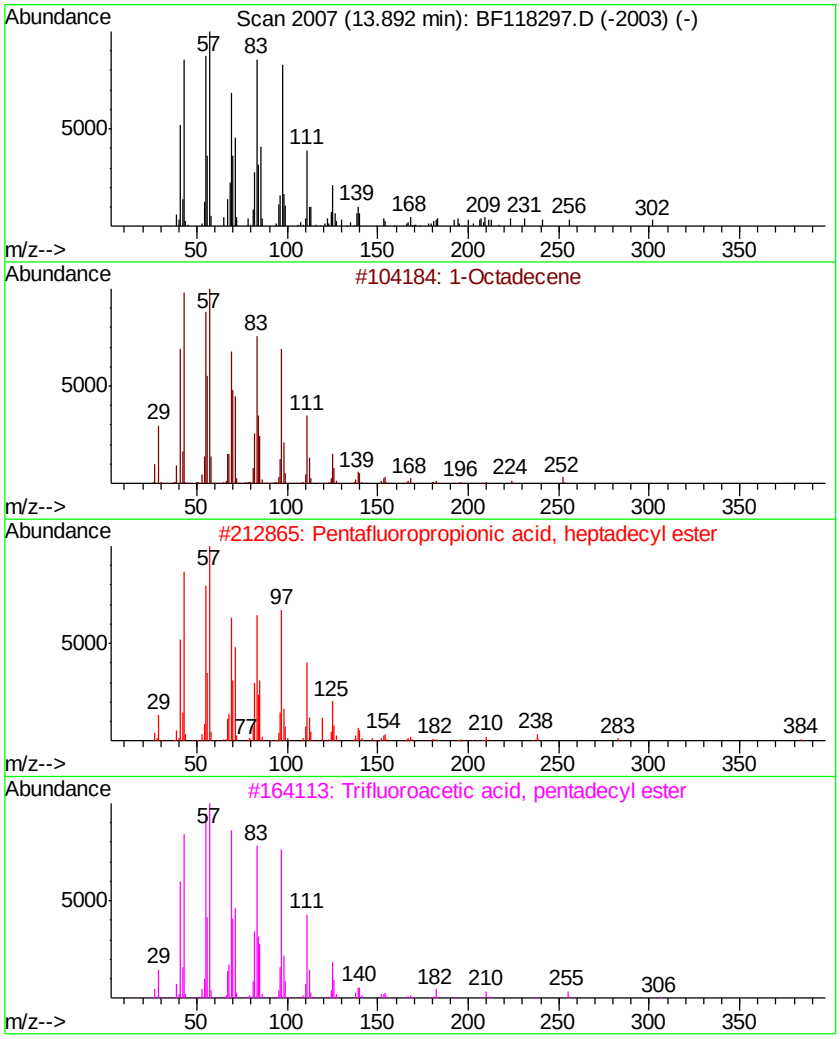
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

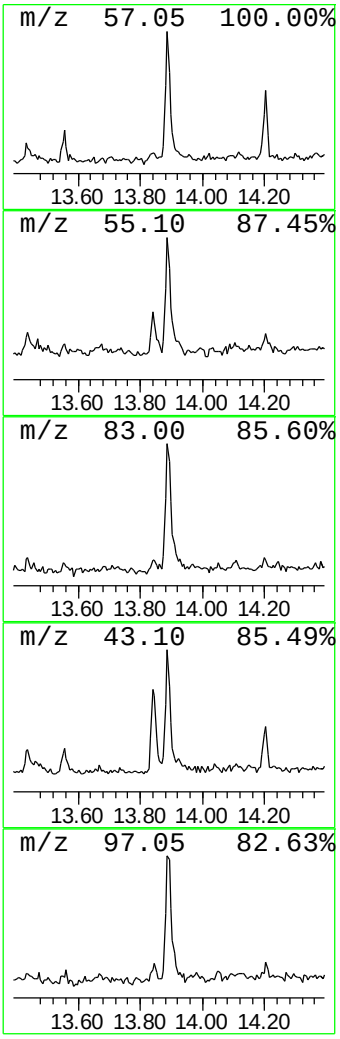
****

Peak Number 8 1-Octadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	6.94 ng	233181	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	92
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





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Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

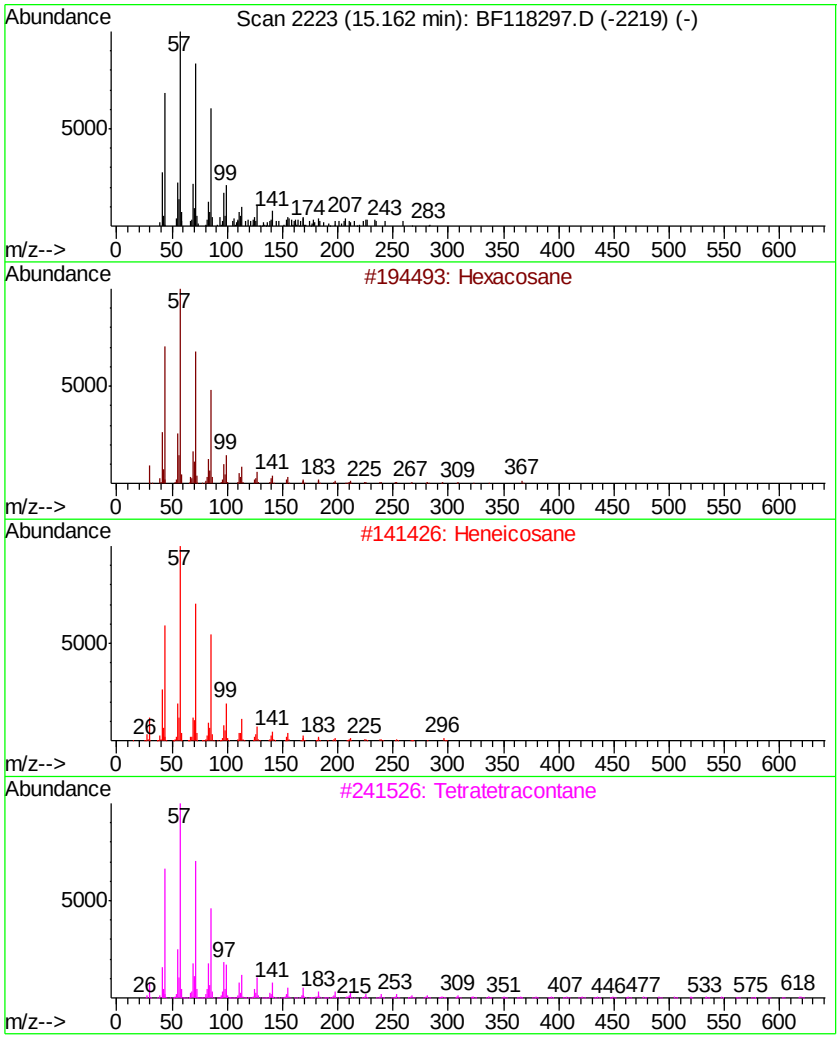
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

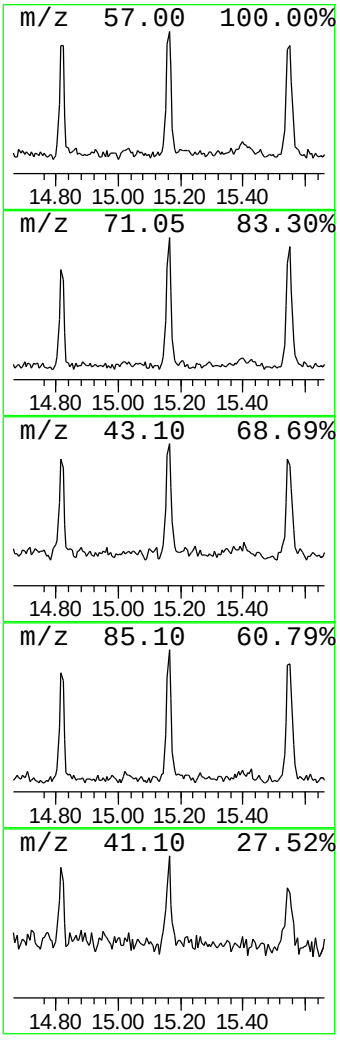
****

Peak Number 9 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.82 ng	113249	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5	Triacontane	422	C30H62	000638-68-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121919\
Data File : BF118297.D
Acq On : 19 Dec 2019 23:35
Operator : JU
Sample : K6370-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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...	5.06	13.7	ng	416372	1	6.86	607586	20.0
unknown6.63	6.63	80.1	ng	2434270	1	6.86	607586	20.0
n-Hexadecanoic acid	11.93	33.4	ng	1592000	4	11.40	954392	20.0
6-Octadecenoic acid	12.65	23.5	ng	1122210	4	11.40	954392	20.0
Octadecanoic acid	12.72	32.0	ng	1526900	4	11.40	954392	20.0
Dehydroabietic acid	13.84	14.0	ng	469323	5	14.05	672209	20.0
1-Octadecene	13.89	6.9	ng	233181	5	14.05	672209	20.0
Hexacosane	15.16	2.8	ng	113249	6	15.54	804293	20.0