LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-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-BF111319.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	2.152	3	11	16	rBV	5165984	7242322	100.00%	11.393%
2	5.087	506	510	523	rVB	375617	487057	6.73%	0.766%
3	5.492	575	579	583	rBV	3430034	3385909	46.75%	5.327%
4	6.504	747	751	765	rBV	2356857	2330849	32.18%	3.667%
5	6.651	771	776	779	rBV	5650671	5400053	74.56%	8.495%
6	6.875	811	814	818	rBV	1375538	1158778	16.00%	1.823%
7	7.034	837	841	844	rBV	4698151	4120636	56.90%	6.482%
8	7.445	905	911	914	rBV	3181677	3355571	46.33%	5.279%
9	8.163	1029	1033	1038	rBV	1773694	1492171	20.60%	2.347%
10	9.245	1212	1217	1220	rBV	6985101	6157626	85.02%	9.687%
11	9.633	1280	1283	1287	rBV	336621	288069	3.98%	0.453%
12	9.927	1329	1333	1336	rBV	2075279	1748569	24.14%	2.751%
13	10.133	1365	1368	1371	rVB	135071	125772	1.74%	0.198%
14	10.722	1463	1468	1471	rBV	4494647	4484477	61.92%	7.055%
15	11.422	1583	1587	1590	rBV	2045674	1700539	23.48%	2.675%
16	11.957	1673	1678	1687	rBV	2570831	2838993	39.20%	4.466%
17	12.639	1791	1794	1796	rBV2	259805	270765	3.74%	0.426%
18	12.745	1807	1812	1823	rVB	2165578	2380614	32.87%	3.745%
19	13.016	1853	1858	1861	rBV	6512662	6759913	93.34%	10.635%
20	13.239	1893	1896	1899	rBV	89682	91195	1.26%	0.143%
21	13.580	1951	1954	1957	rVB2	173044	173131	2.39%	0.272%
22	13.910	2006	2010	2015	rBV	887788	944704	13.04%	1.486%
23	14.074	2034	2038	2041	rVB	1586719	1374708	18.98%	2.163%
24	14.227	2061	2064	2068	rVB	346533	307611	4.25%	0.484%
25	14.533	2113	2116	2126	rVB	635245	626836	8.66%	0.986%
26	14.845	2166	2169	2174	rVB	715123	696537	9.62%	1.096%
27	15.192	2224	2228	2233	rBV	508460	603065	8.33%	0.949%
28	15.574	2287	2293	2300	rBV2	1012821	1743403	24.07%	2.743%
29	16.039	2366	2372	2377	rBV	316662	504390	6.96%	0.793%
30	16.098	2378	2382	2391	rVB5	57636	112363	1.55%	0.177%
31	16.556	2455	2460	2474	rVB3	173666	386224	5.33%	0.608%
32	17.168	2560	2564	2573	rVB2	57681	119722	1.65%	0.188%
33	17.686	2646	2652	2660	rVB8	58615	152994	2.11%	0.241%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

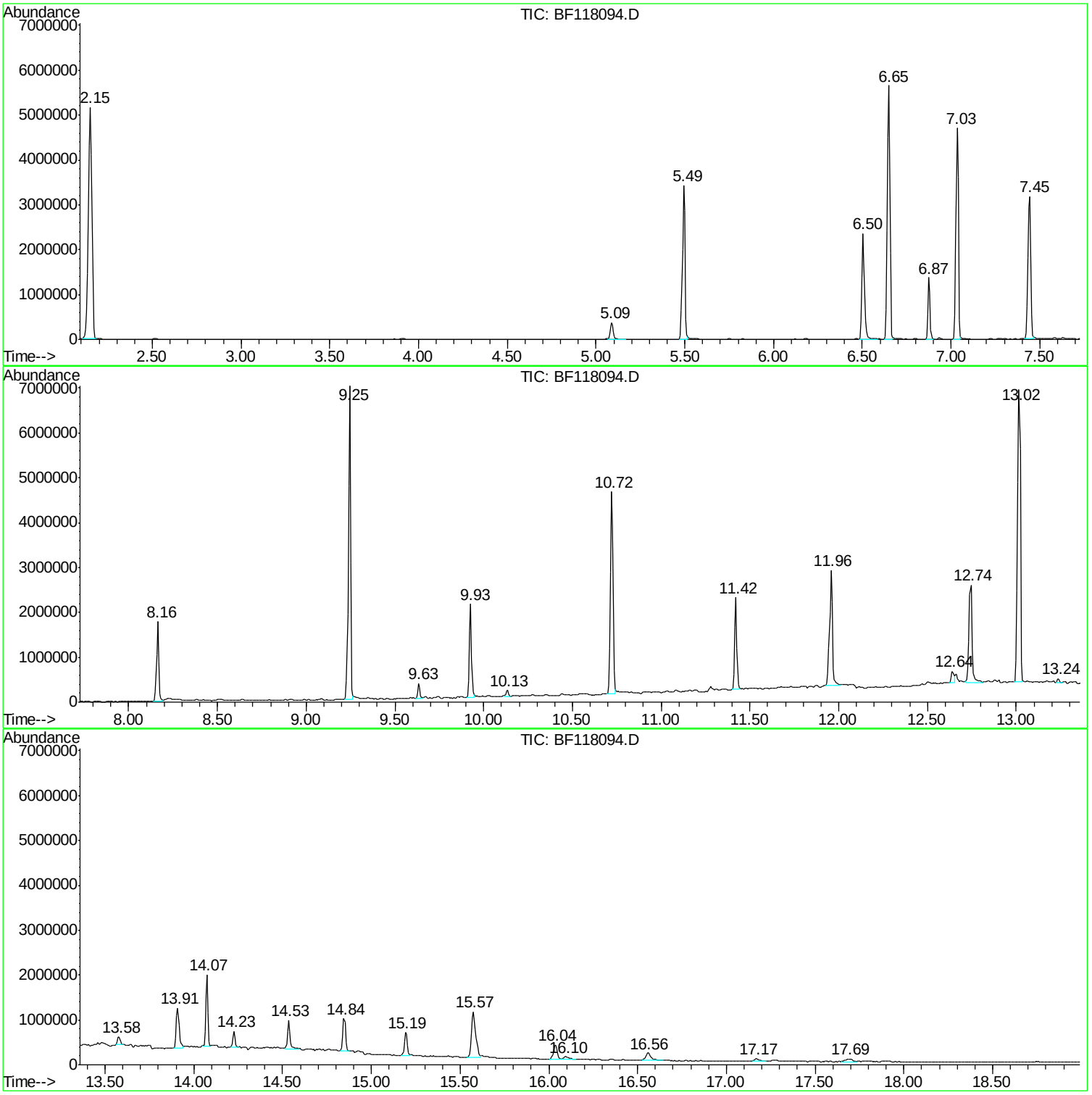
Sum of corrected areas: 63565566

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

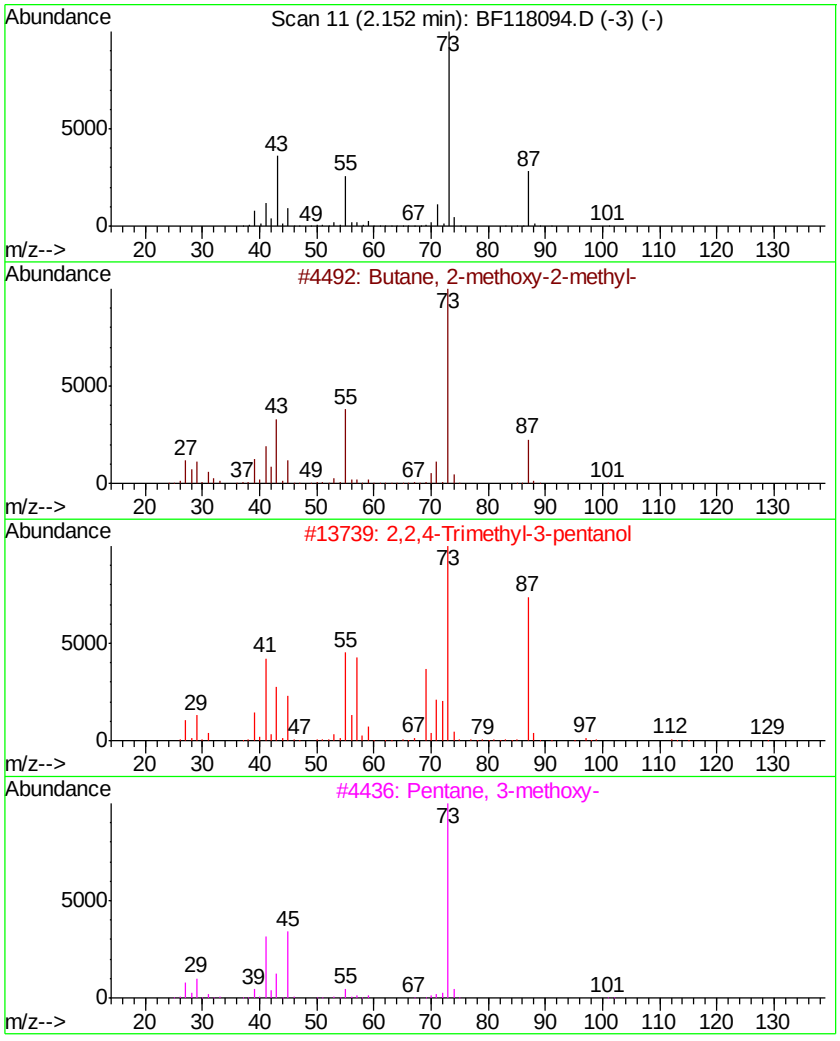
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

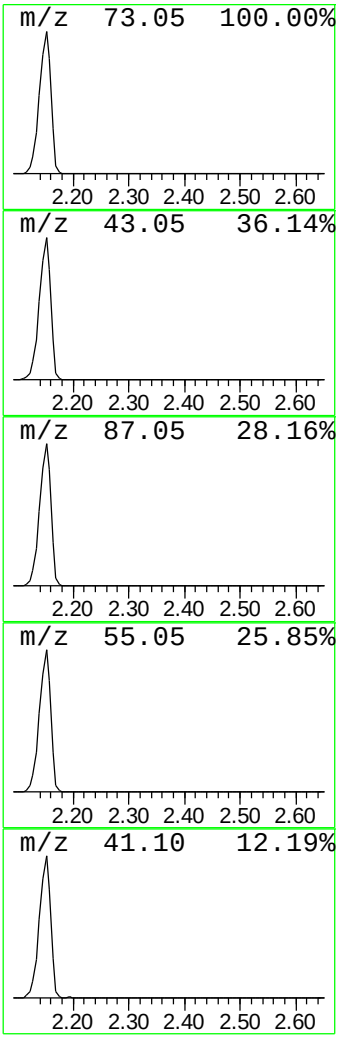
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	125.00 ng	7242320	1,4-Dichlorobenzene-d4	6.87

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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

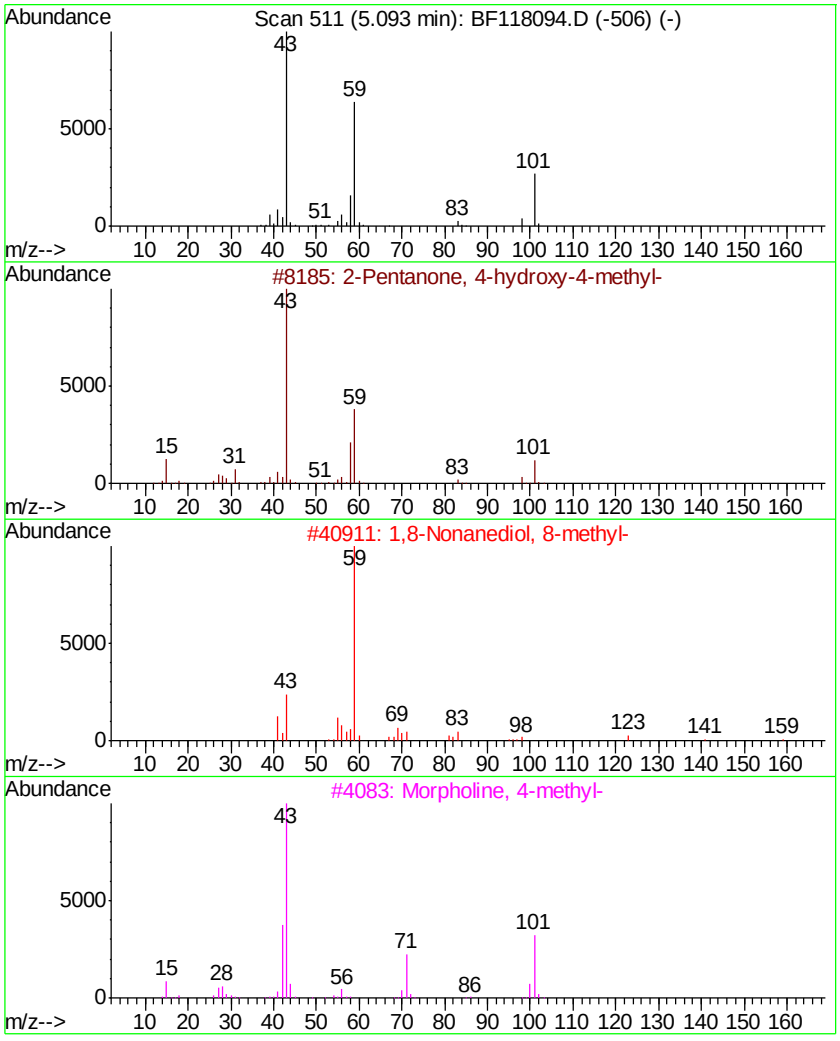
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

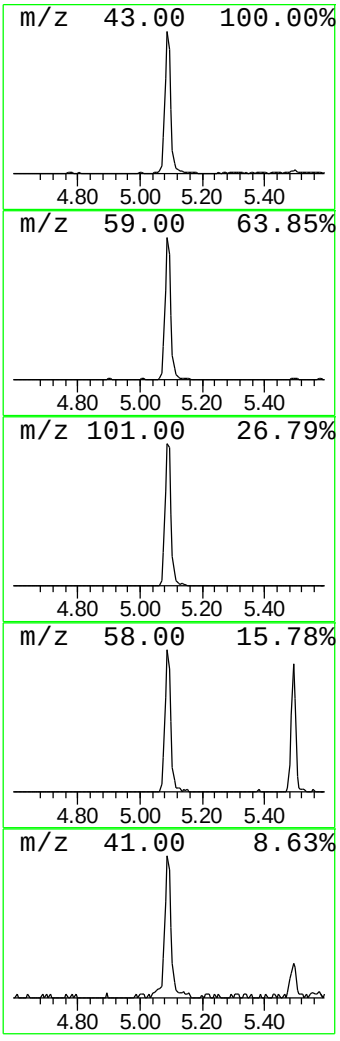
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	8.41 ng	487057	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

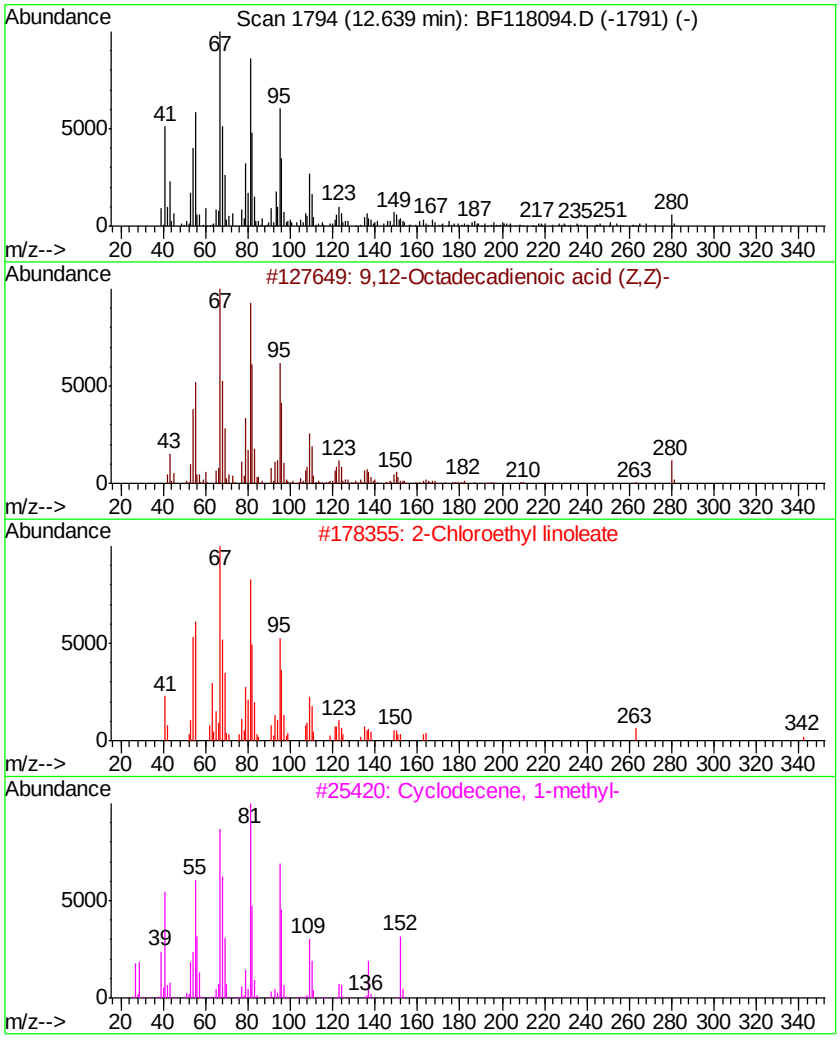
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

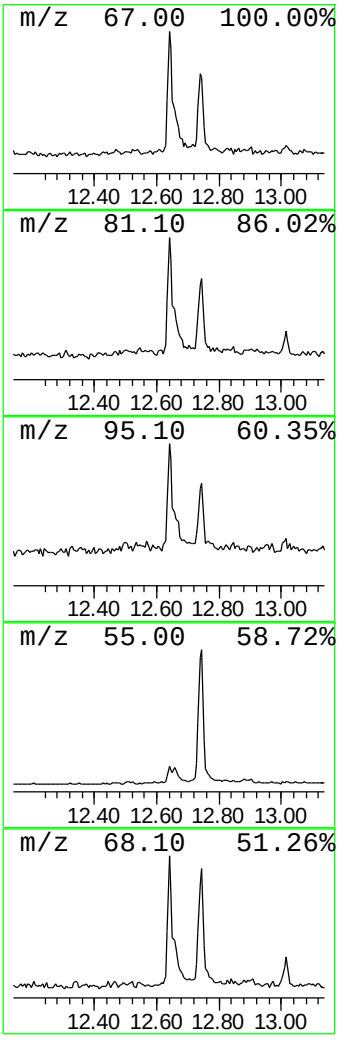
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9,12-Octadecadienoic acid (... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	3.18 ng	270765	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	91
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	90
4	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	87
5	Cyclodecene	138	C10H18	003618-12-0	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

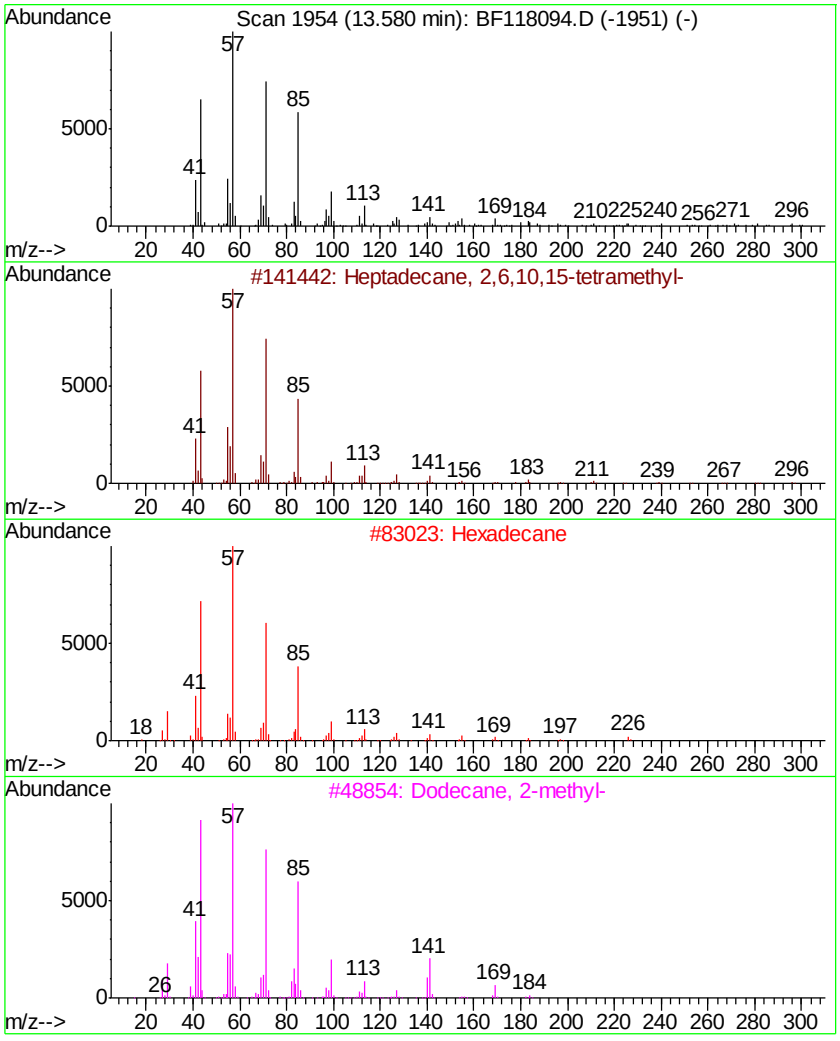
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

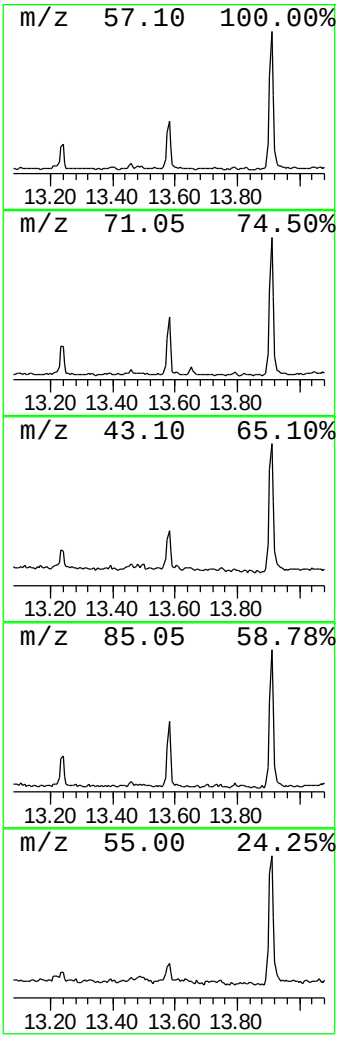
****

Peak Number 4 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	2.52 ng	173131	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Heneicosane	296	C21H44	000629-94-7	86
5	Docosane	310	C22H46	000629-97-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

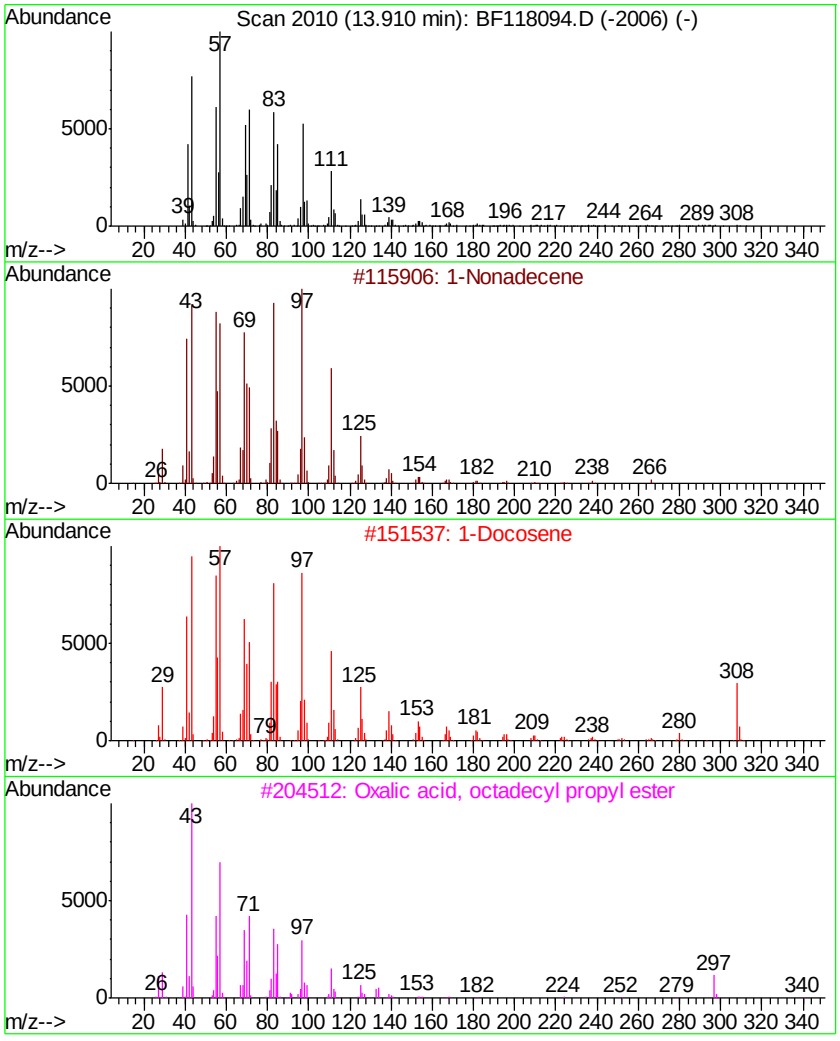
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

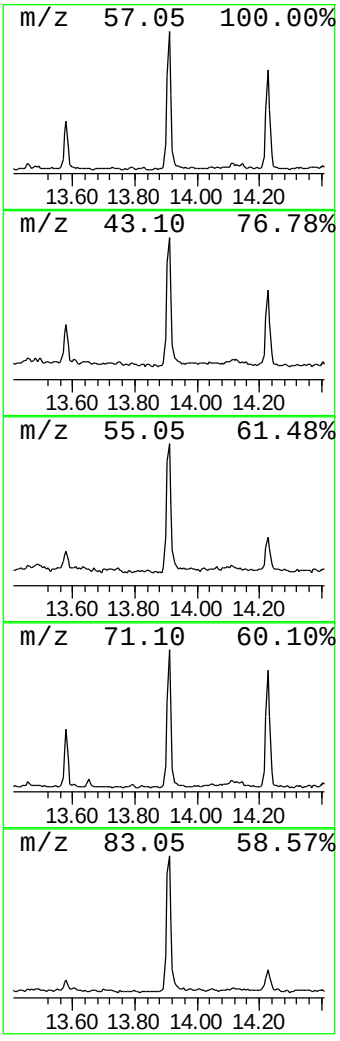
****

Peak Number 5 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	13.74 ng	944704	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	1-Docosene	308	C22H44	001599-67-3	95
3	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

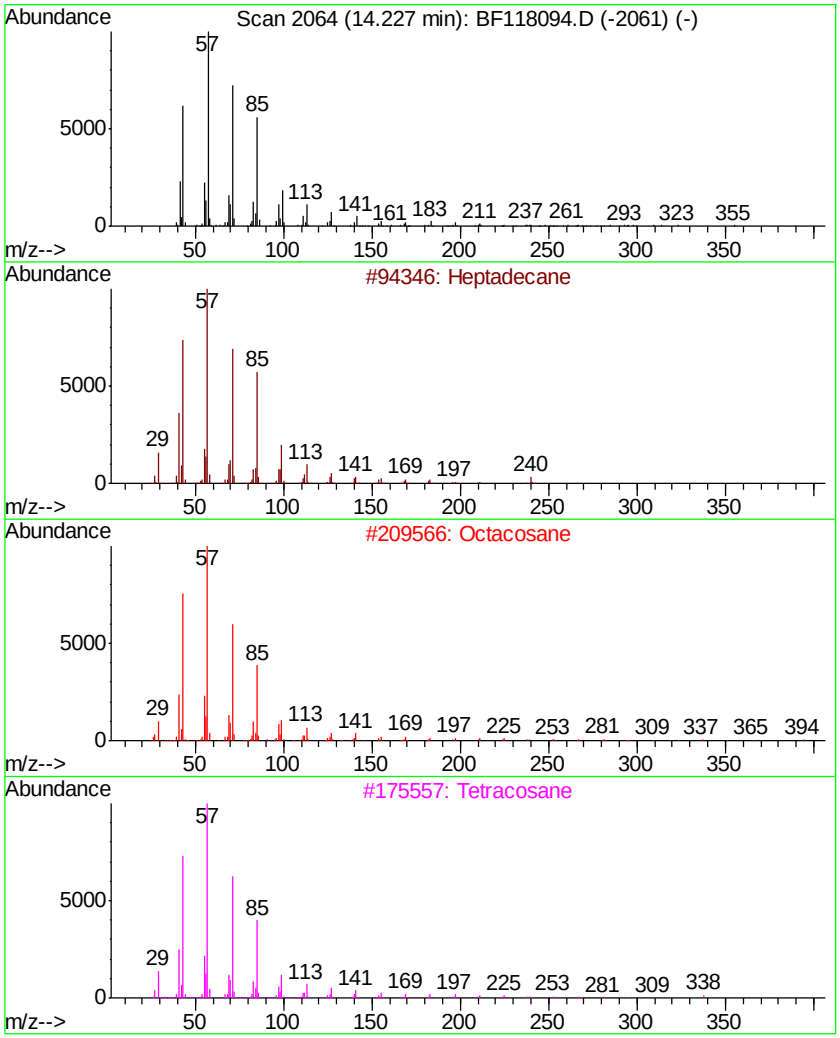
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

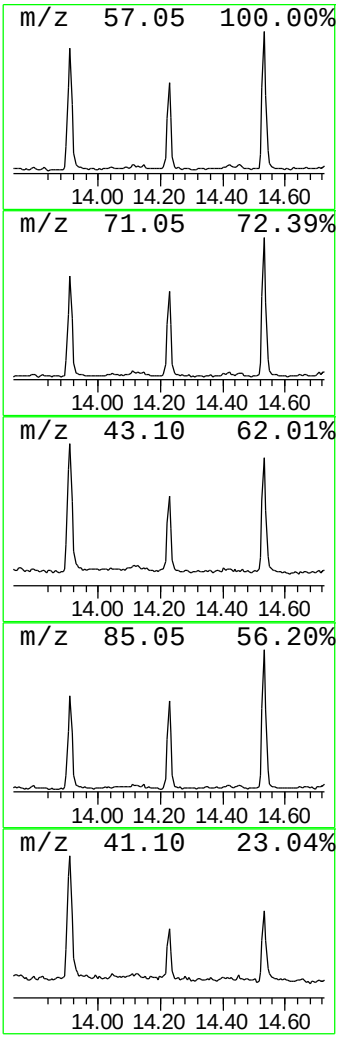
****

Peak Number 6 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	4.48 ng	307611	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

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Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

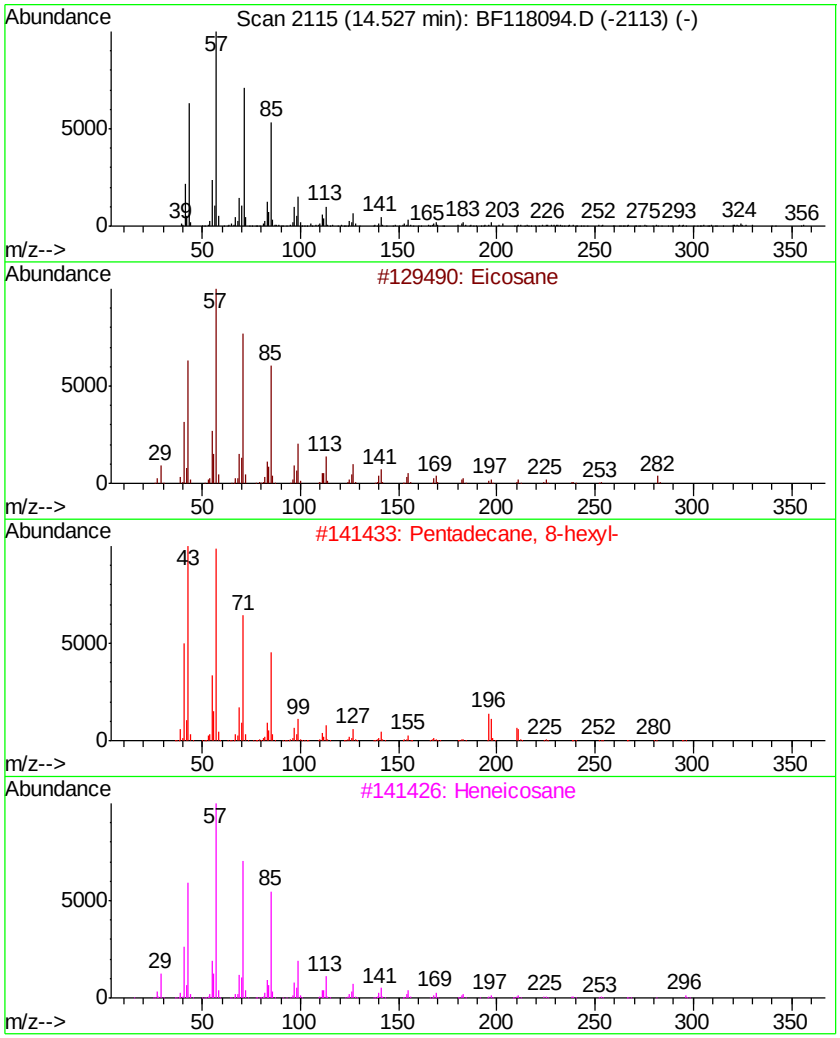
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

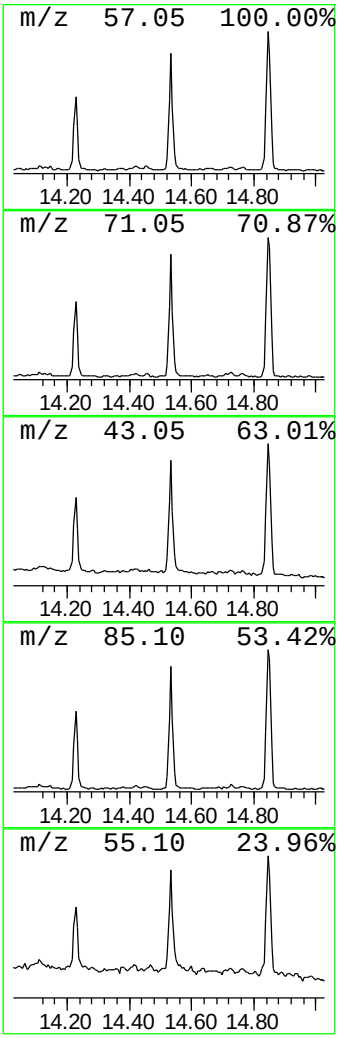
****

Peak Number 7 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	9.12 ng	626836	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

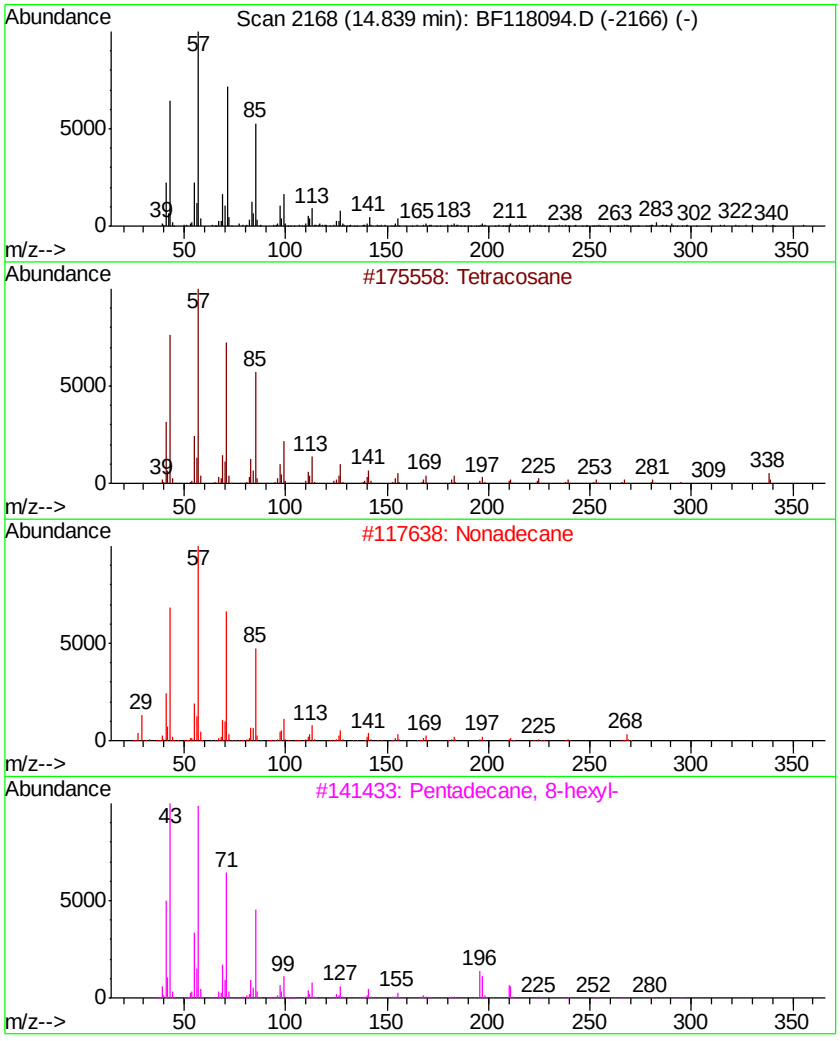
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

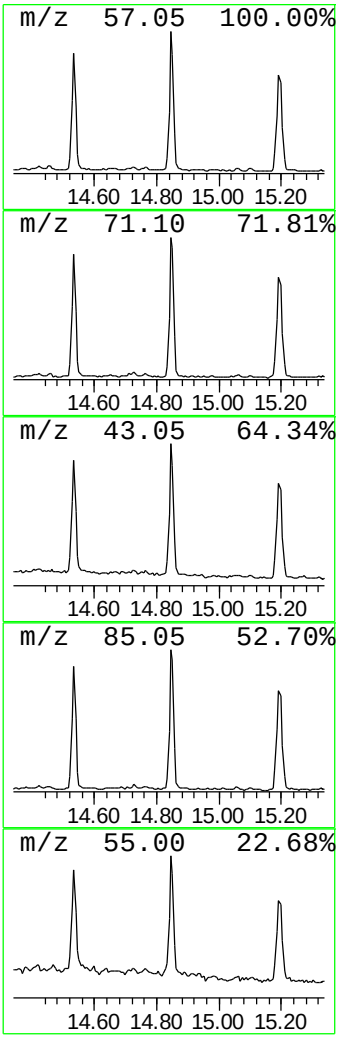
****

Peak Number 8 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	7.99 ng	696537	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Nonadecane	268	C19H40	000629-92-5	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

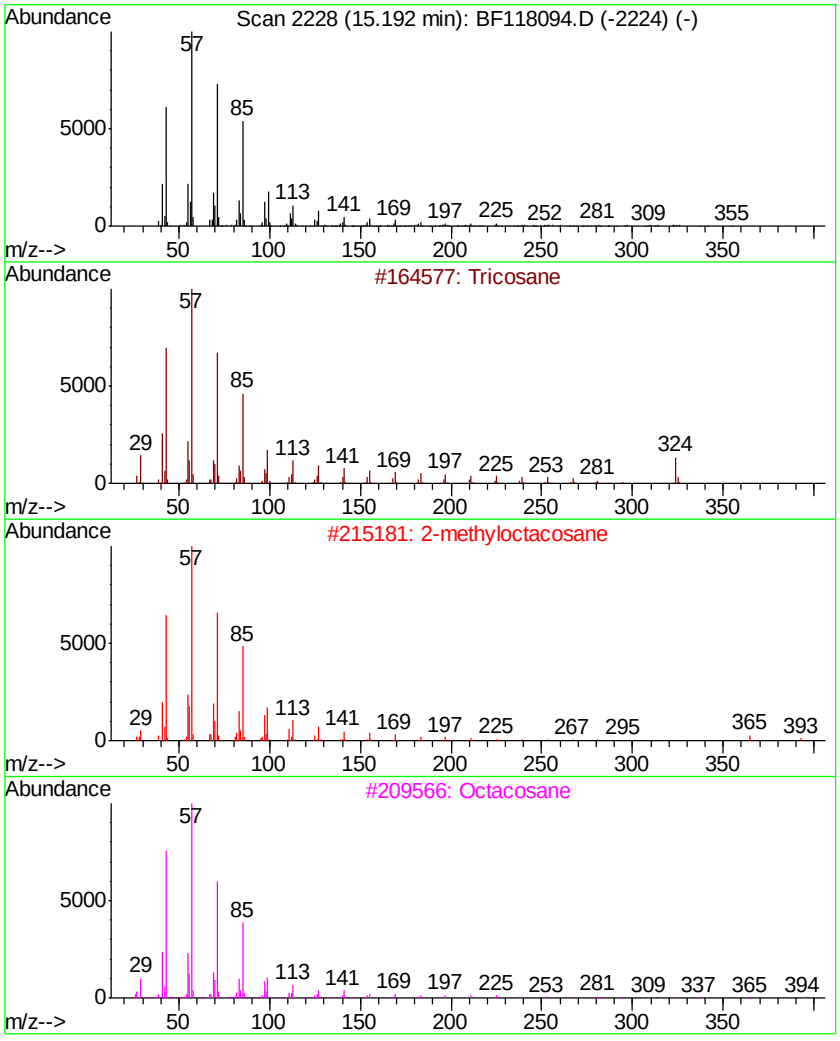
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

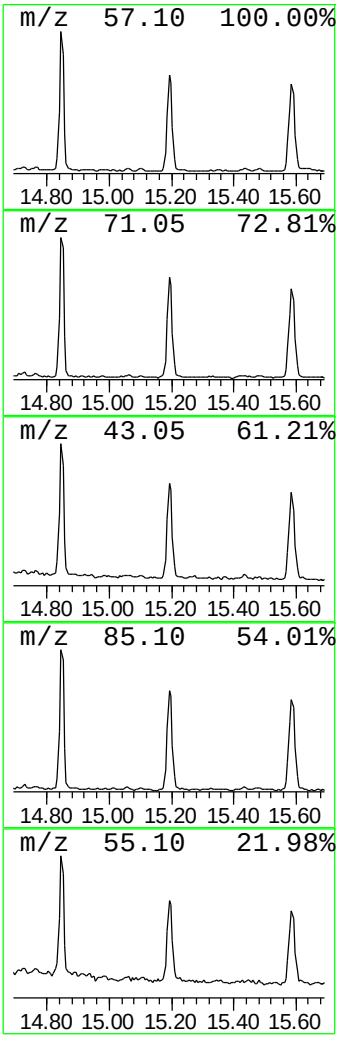
****

Peak Number 9 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	6.92 ng	603065	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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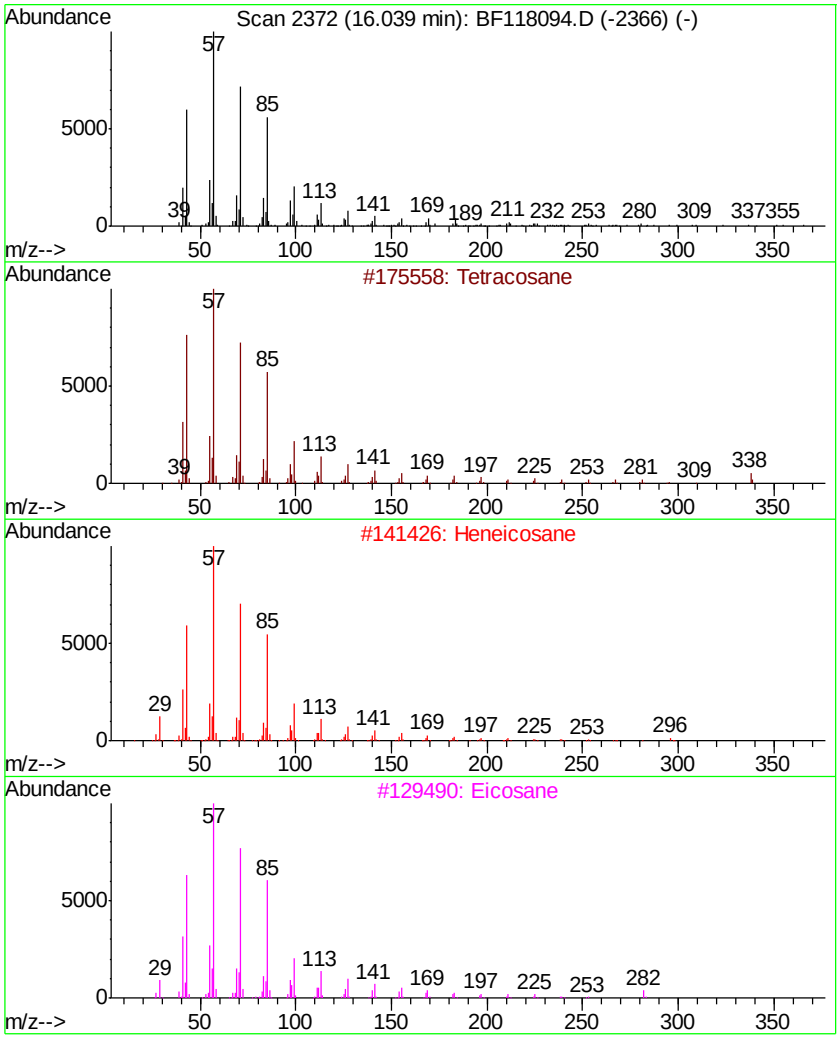
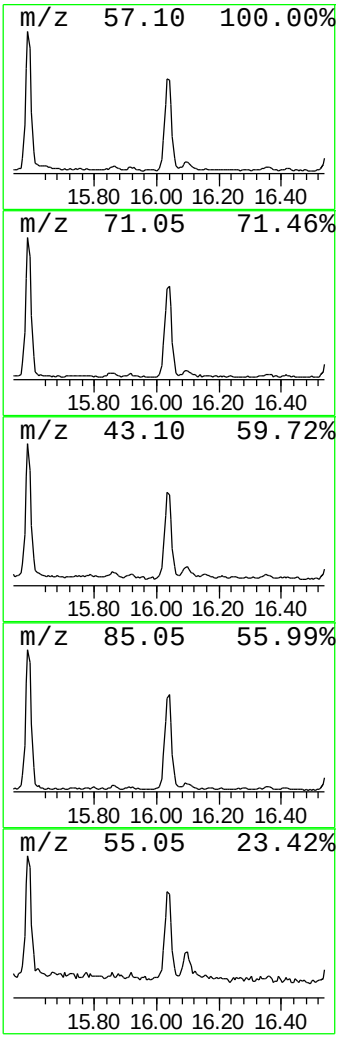
Peak Number 10 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	5.79 ng	504390	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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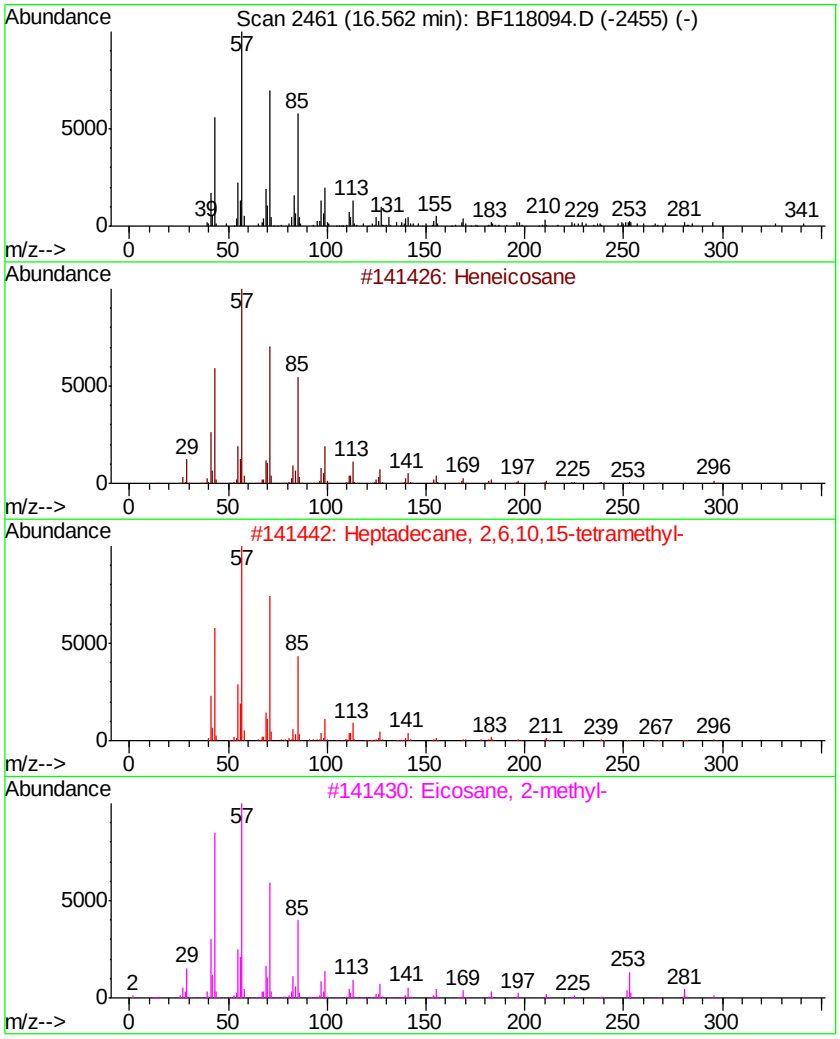
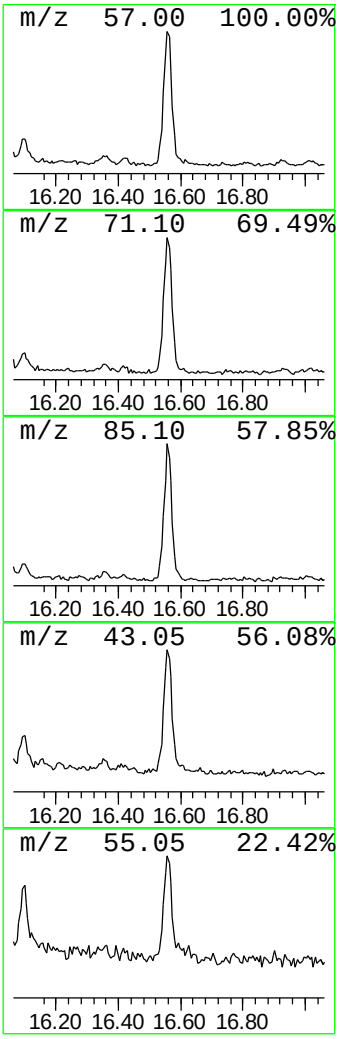
Peak Number 11 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	4.43 ng	386224	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120419\
Data File : BF118094.D
Acq On : 4 Dec 2019 18:56
Operator : JU
Sample : K6024-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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...	2.15	125.0	ng	7242320	1	6.87	1158780	20.0
2-Pentanone, 4-hy...	5.09	8.4	ng	487057	1	6.87	1158780	20.0
9,12-Octadecadien...	12.64	3.2	ng	270765	4	11.42	1700540	20.0
Heptadecane, 2,6,...	13.58	2.5	ng	173131	5	14.07	1374710	20.0
1-Nonadecene	13.91	13.7	ng	944704	5	14.07	1374710	20.0
Heptadecane	14.23	4.5	ng	307611	5	14.07	1374710	20.0
Eicosane	14.53	9.1	ng	626836	5	14.07	1374710	20.0
Nonadecane	14.84	8.0	ng	696537	6	15.57	1743400	20.0
Tricosane	15.19	6.9	ng	603065	6	15.57	1743400	20.0
Tetracosane	16.04	5.8	ng	504390	6	15.57	1743400	20.0
Heneicosane	16.56	4.4	ng	386224	6	15.57	1743400	20.0