LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

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-BF012020.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	2.187	9	17	24	rBV	1917171	2608304	25.45%	3.309%
2	5.104	505	513	519	rBV2	122314	181916	1.78%	0.231%
3	5.504	575	581	584	rBV	6420977	6770473	66.07%	8.589%
4	6.504	745	751	755	rBV	6557245	7065654	68.95%	8.963%
5	6.881	811	815	818	rBV	2502928	2163870	21.12%	2.745%
6	7.034	837	841	845	rBV	6122915	5955414	58.12%	7.555%
7	7.434	904	909	912	rBV	4678929	4532515	44.23%	5.750%
8	8.157	1028	1032	1036	rBV	2882116	2814942	27.47%	3.571%
9	9.233	1210	1215	1219	rBV	8905573	9039179	88.21%	11.467%
10	9.416	1242	1246	1249	rVB	135799	116470	1.14%	0.148%
11	9.627	1275	1282	1285	rBV	1480559	1267750	12.37%	1.608%
12	9.916	1325	1331	1335	rBV	4123648	3457740	33.74%	4.386%
13	10.704	1459	1465	1468	rBV	6681694	5990549	58.46%	7.599%
14	10.798	1478	1481	1484	rBV	247884	202298	1.97%	0.257%
15	11.404	1579	1584	1587	rBV	3783666	3562903	34.77%	4.520%
16	11.627	1618	1622	1630	rBV	241850	262515	2.56%	0.333%
17	11.927	1668	1673	1682	rBV2	480998	598722	5.84%	0.760%
18	12.180	1713	1716	1722	rVB	183958	159762	1.56%	0.203%
19	12.710	1803	1806	1818	rBV	204533	233295	2.28%	0.296%
20	12.986	1848	1853	1856	rBV	10605275	10246778	100.00%	12.999%
21	13.880	2001	2005	2019	rBV3	528433	747612	7.30%	0.948%
22	14.033	2025	2031	2035	rBV	3211855	3062650	29.89%	3.885%
23	14.204	2056	2060	2069	rBV	407800	353747	3.45%	0.449%
24	14.510	2108	2112	2119	rBV	679383	634226	6.19%	0.805%
25	14.815	2160	2164	2170	rVB	742625	823212	8.03%	1.044%
26	14.898	2174	2178	2184	rVB	189244	206578	2.02%	0.262%
27	15.162	2218	2223	2230	rBV	806658	977896	9.54%	1.241%
28	15.504	2276	2281	2285	rBV	1842722	2481170	24.21%	3.147%
29	15.545	2285	2288	2298	rVB	719513	959934	9.37%	1.218%
30	15.986	2358	2363	2369	rBV	472854	769457	7.51%	0.976%
31	16.498	2445	2450	2461	rVB	237640	437179	4.27%	0.555%
32	17.104	2549	2553	2560	rVB	73366	145257	1.42%	0.184%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-1

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

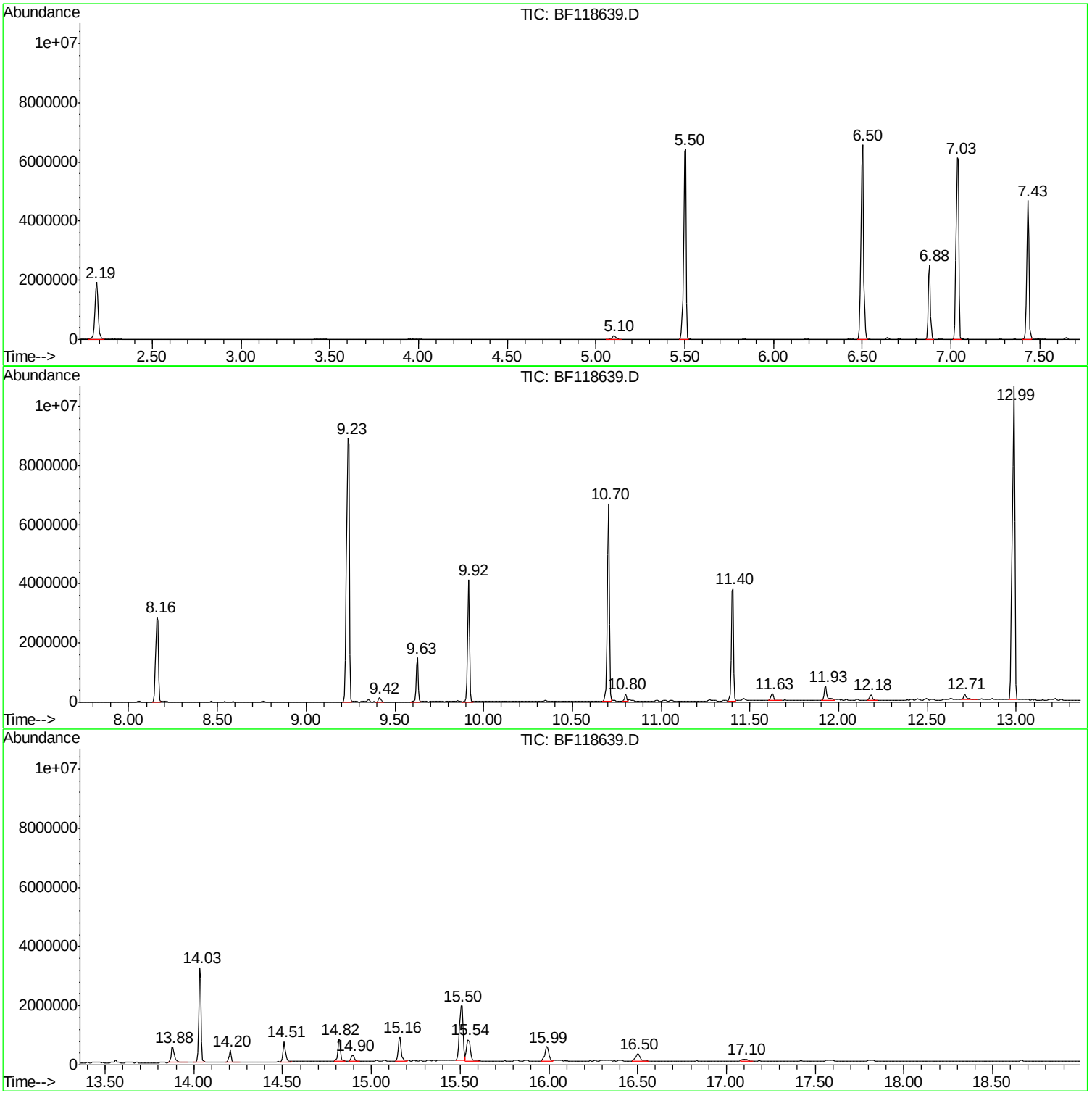
Sum of corrected areas: 78829967

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

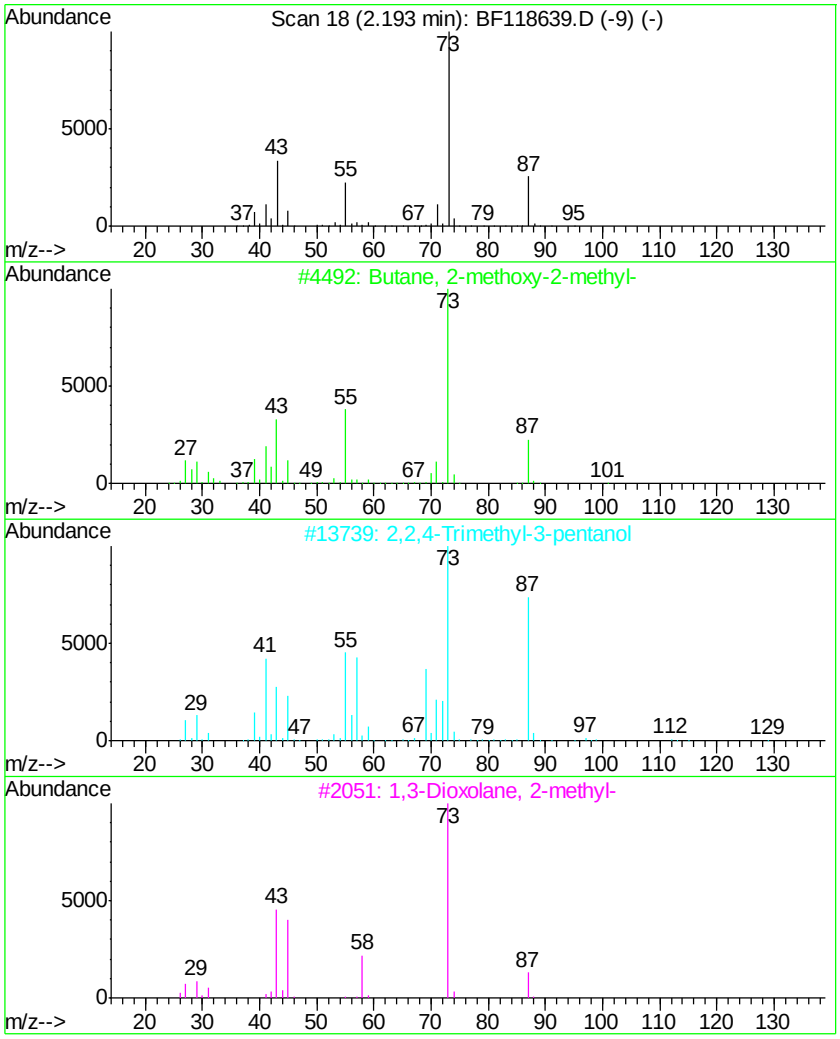
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

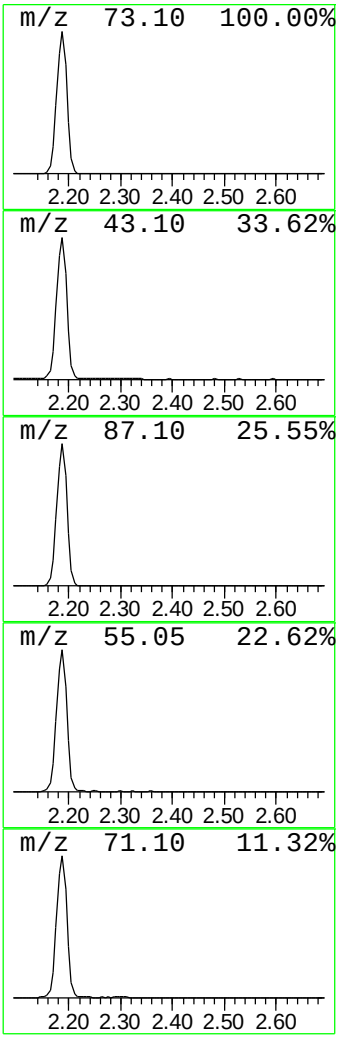
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	24.11 ng	2608300	1,4-Dichlorobenzene-d4	6.88

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

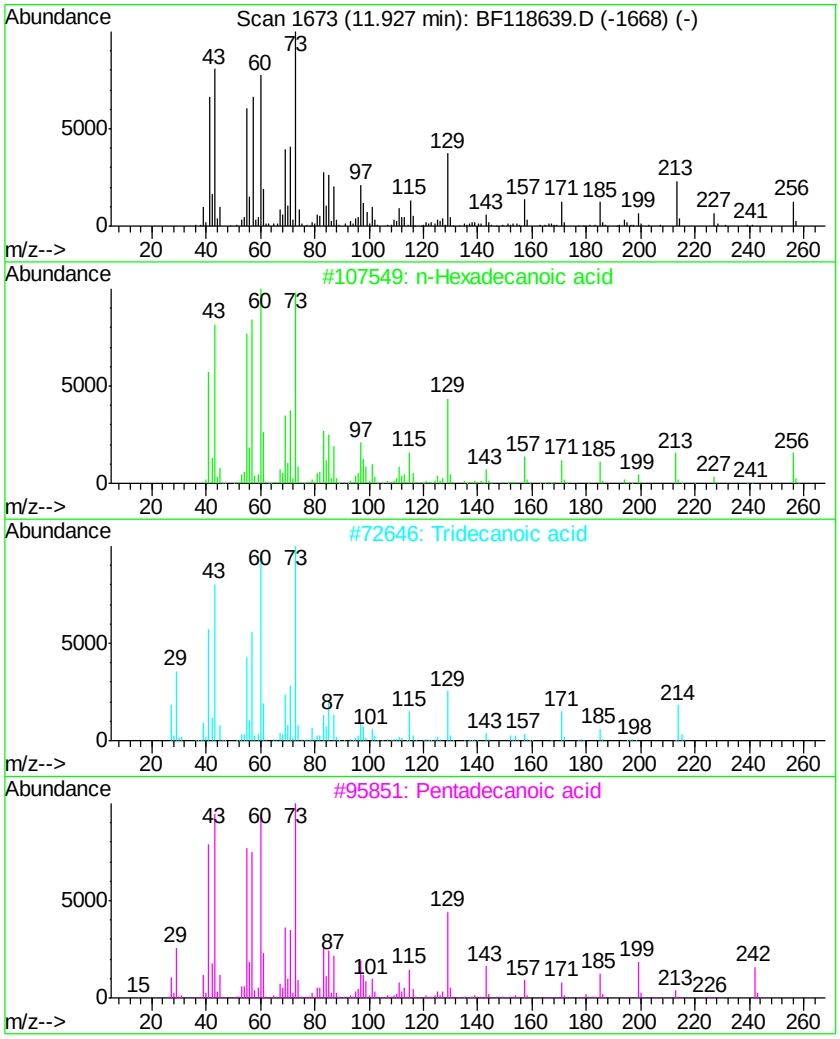
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

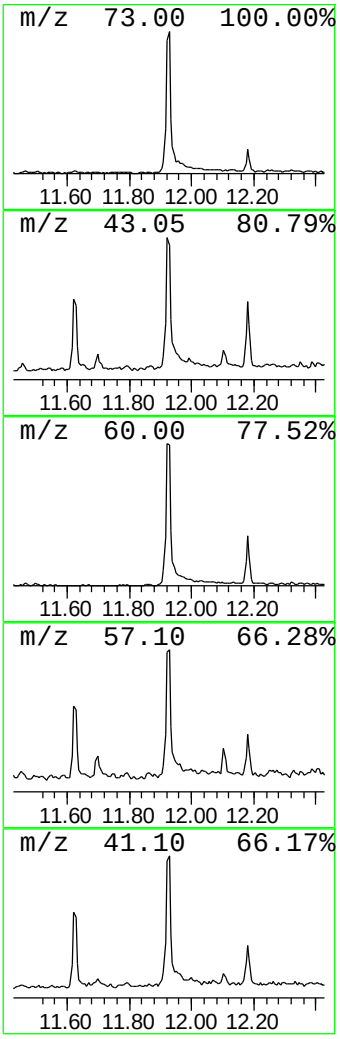
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.36 ng	598722	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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

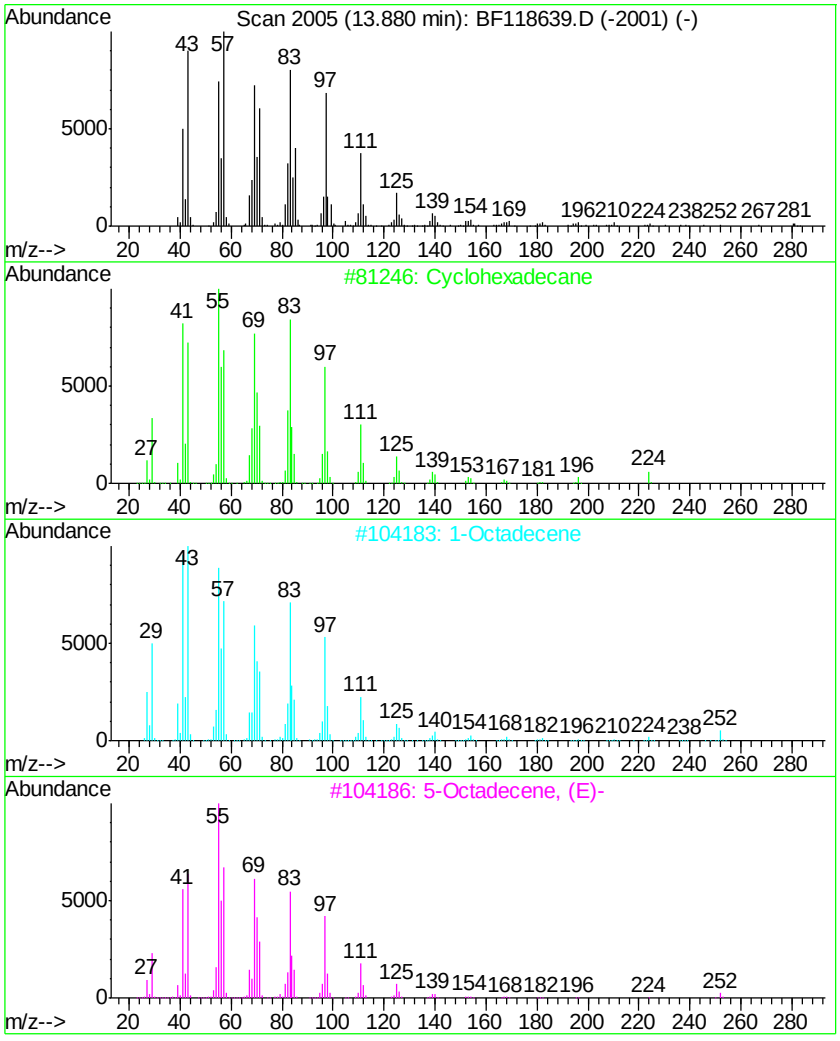
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

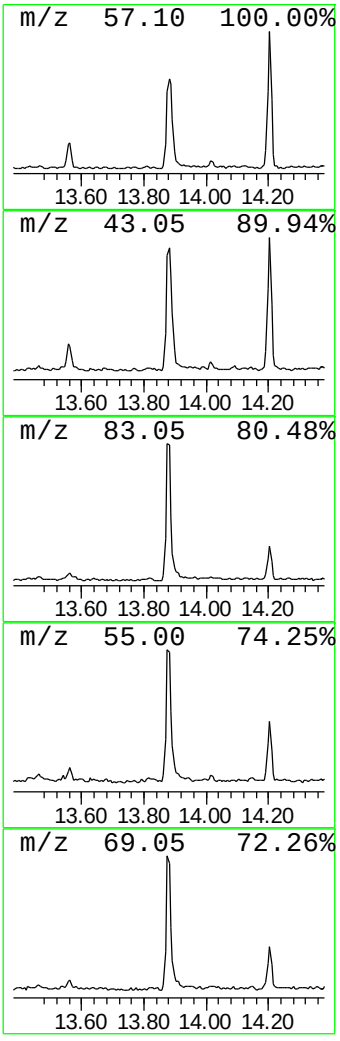
****

Peak Number 4 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	4.88 ng	747612	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Octadecene	252	C18H36	000112-88-9	94
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

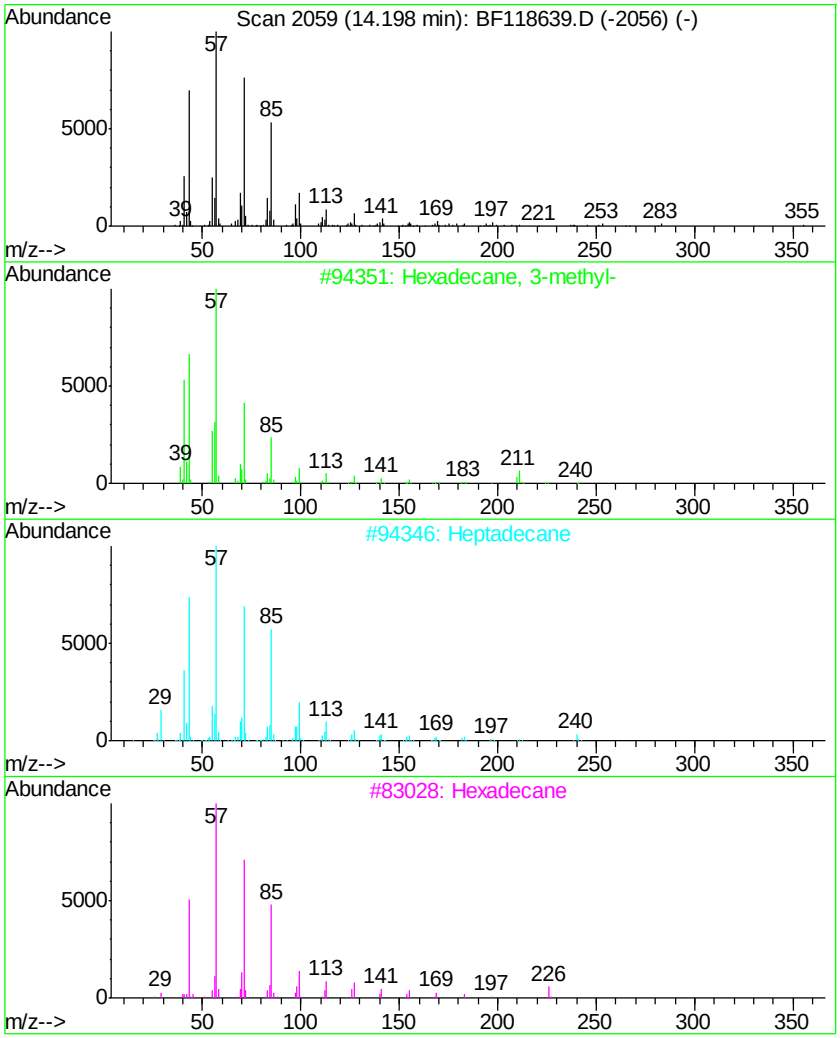
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

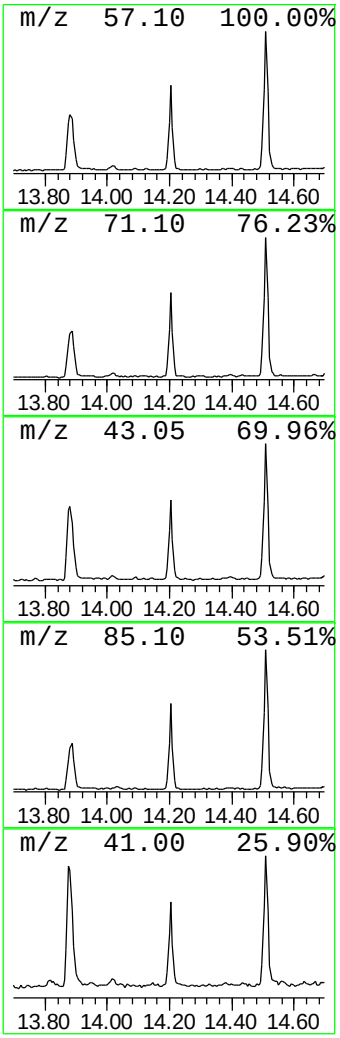
****

Peak Number 5 Hexadecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.31 ng	353747	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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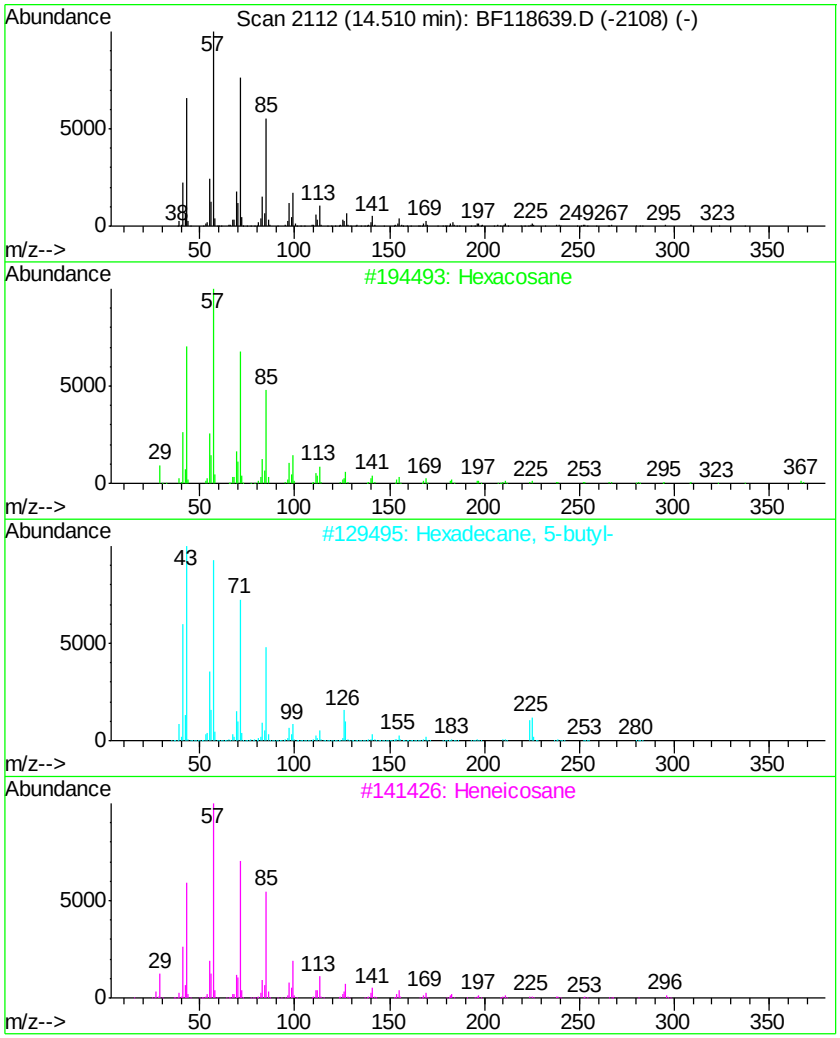
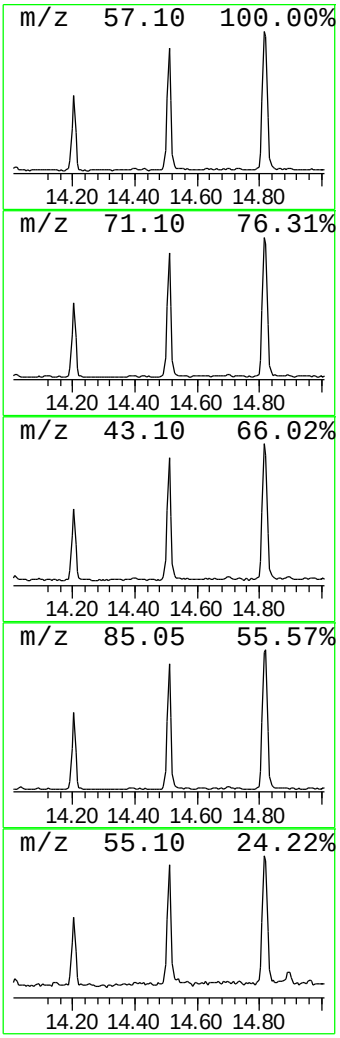
Peak Number 6 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	4.14 ng	634226	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

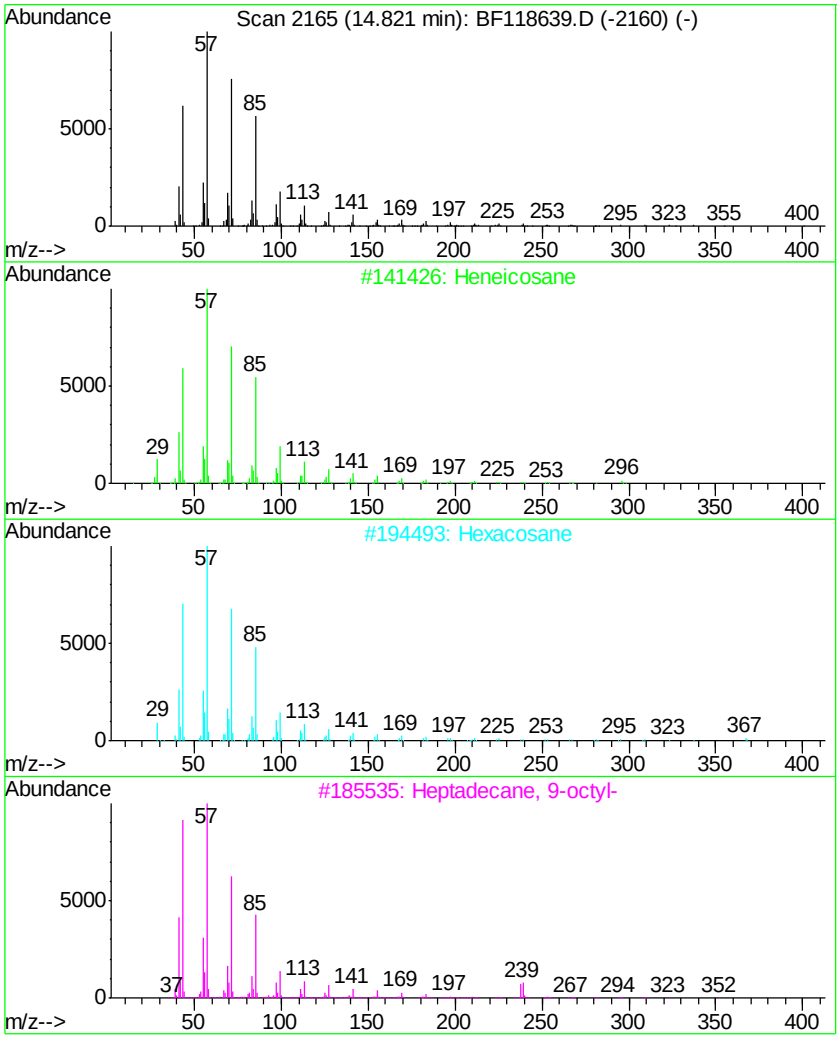
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

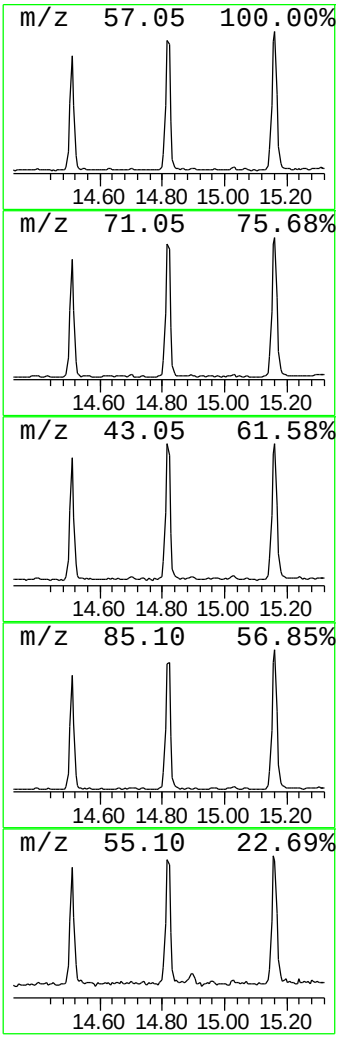
****

Peak Number 7 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	6.64 ng	823212	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

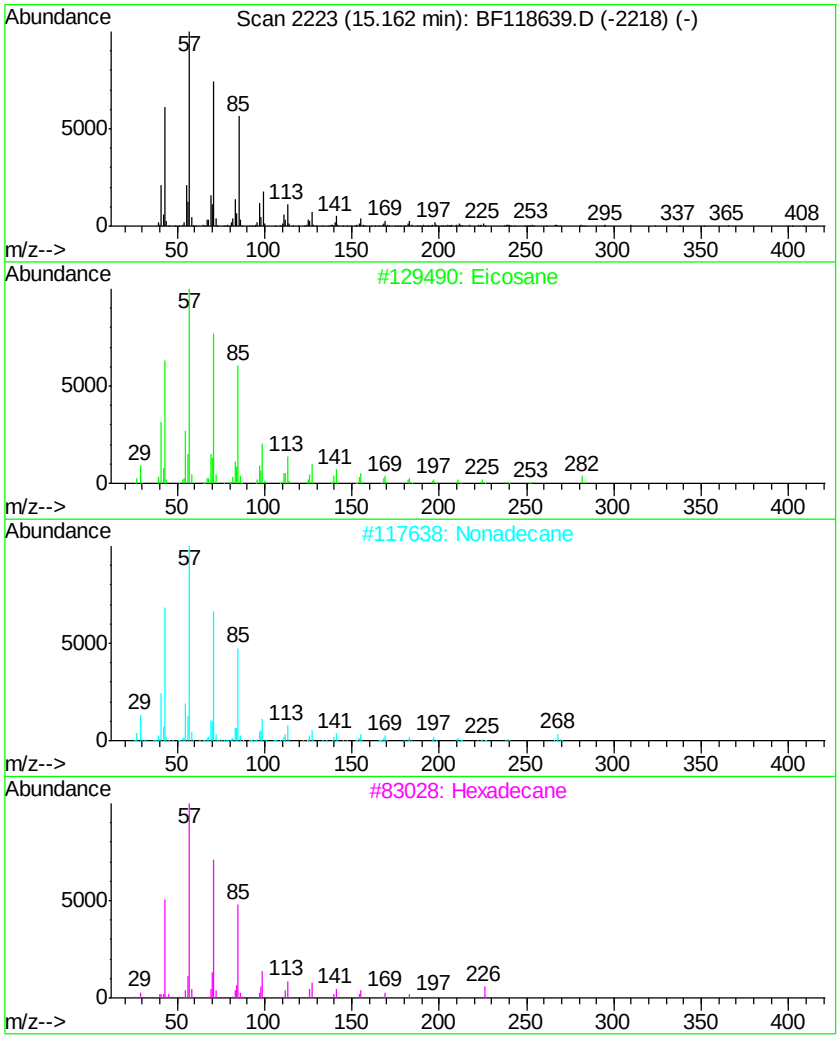
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

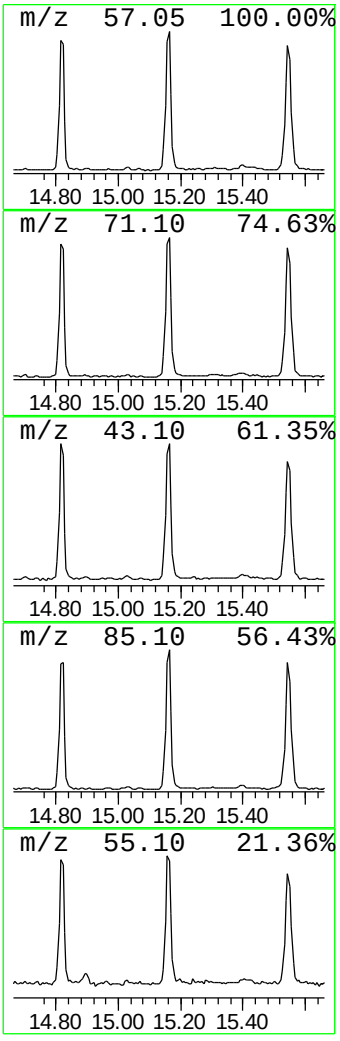
****

Peak Number 8 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	7.88 ng	977896	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Nonadecane	268	C19H40	000629-92-5	94
3	Hexadecane	226	C16H34	000544-76-3	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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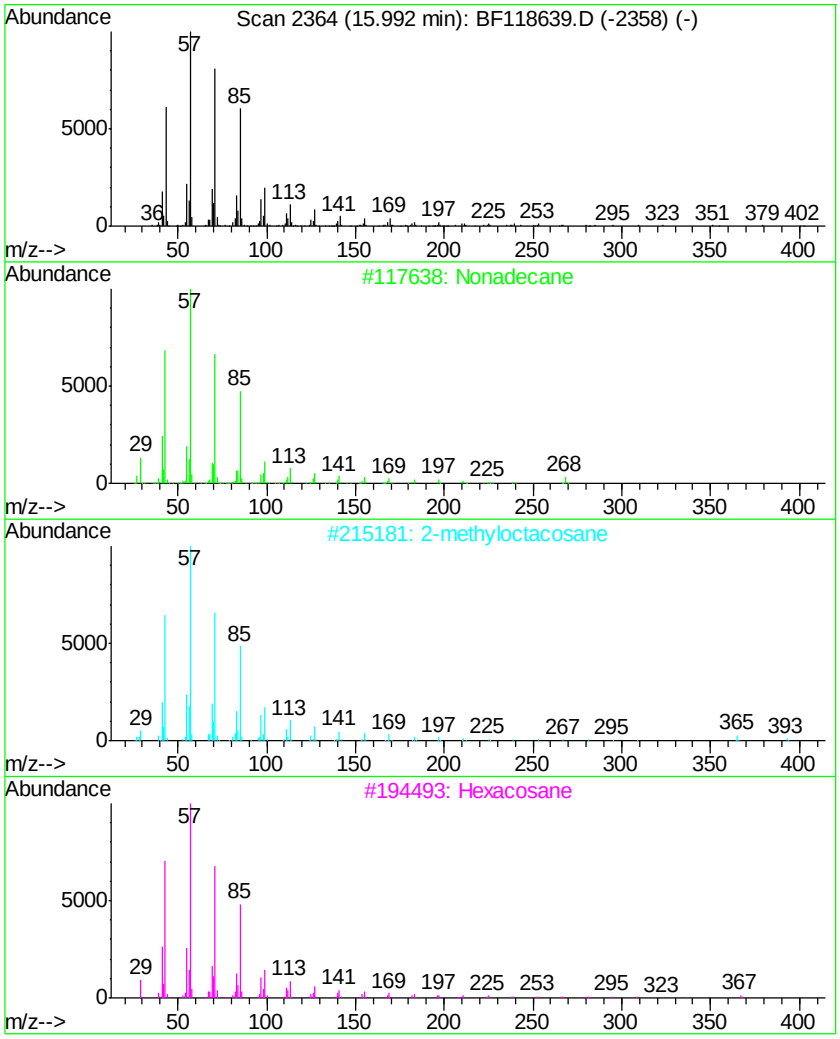
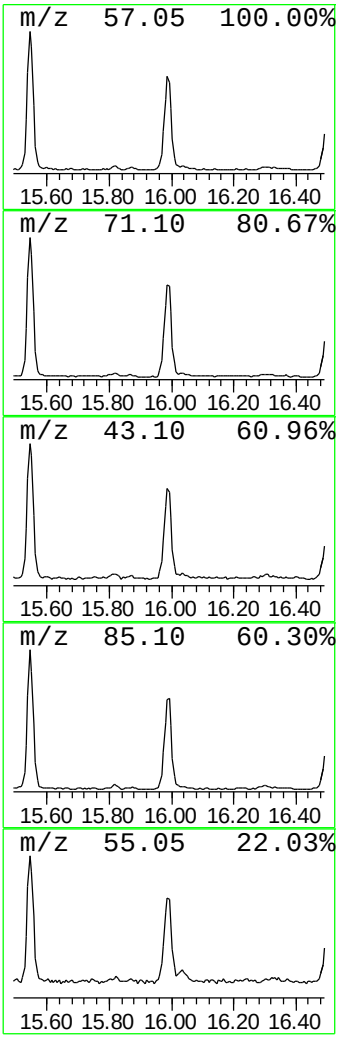
Peak Number 9 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	6.20 ng	769457	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane	310	C22H46	000629-97-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

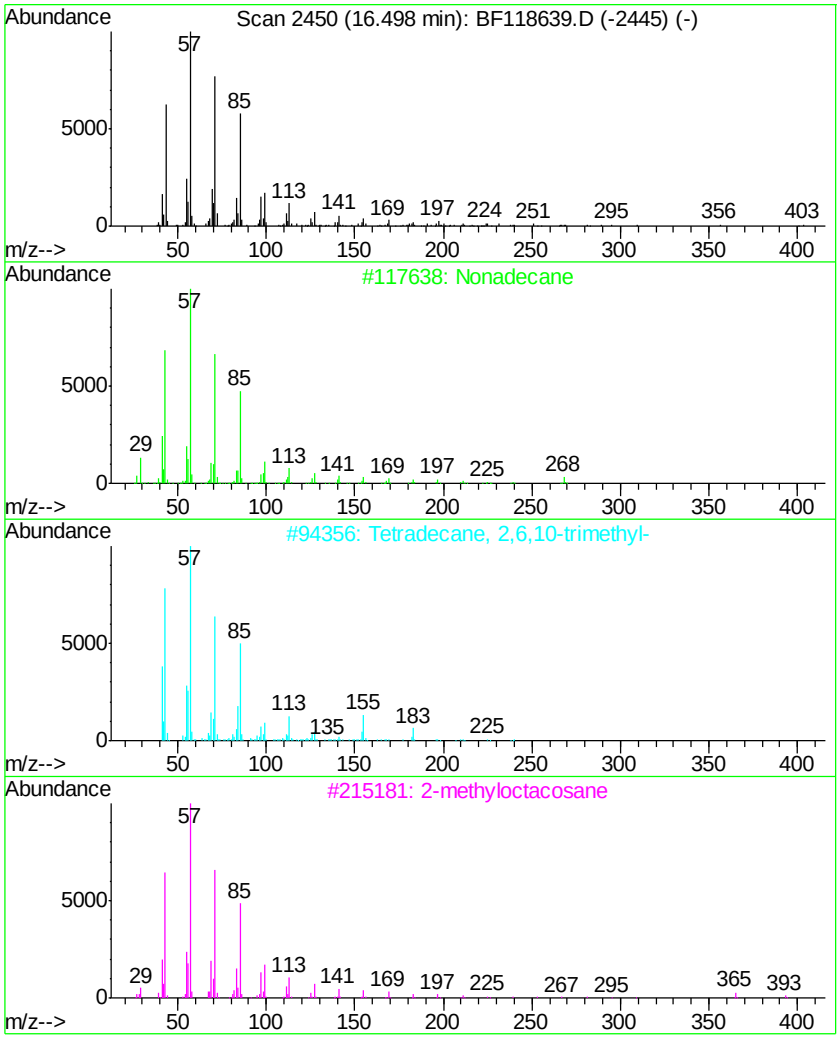
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

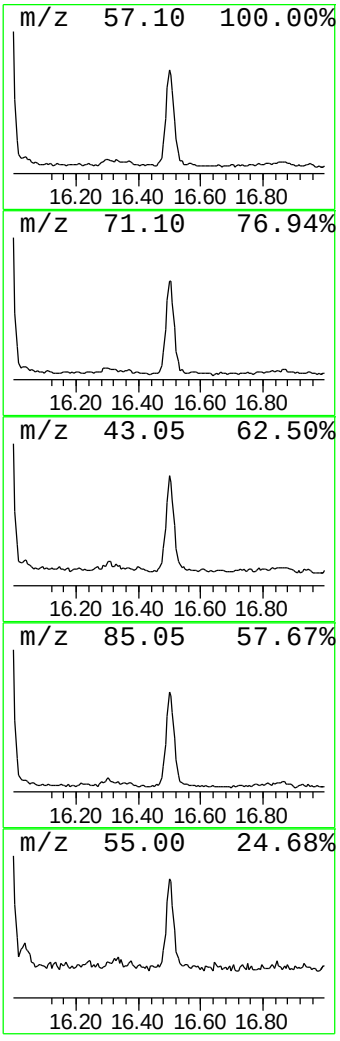
****

Peak Number 10 Tetradecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	3.52 ng	437179	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012120\
Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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...	2.19	24.1	ng	2608300	1	6.88	2163870	20.0
n-Hexadecanoic acid	11.93	3.4	ng	598722	4	11.40	3562900	20.0
Cyclohexadecane	13.88	4.9	ng	747612	5	14.03	3062650	20.0
Hexadecane, 3-met...	14.20	2.3	ng	353747	5	14.03	3062650	20.0
Hexacosane	14.51	4.1	ng	634226	5	14.03	3062650	20.0
Heneicosane	14.82	6.6	ng	823212	6	15.51	2481170	20.0
Eicosane	15.16	7.9	ng	977896	6	15.51	2481170	20.0
Nonadecane	15.99	6.2	ng	769457	6	15.51	2481170	20.0
Tetradecane, 2,6,...	16.50	3.5	ng	437179	6	15.51	2481170	20.0